

**LIST OF KANSAS WELLS DRILLED
INTO PRECAMBRIAN ROCKS (1997)**

by

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Kansas Geological Survey
Open-file Report
97-1

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Introduction

Although much of the data presented in this report was contained in the 1985 KGS publication (Cole and Watney), significant additions have been made to the list of Kansas wells drilled into Precambrian Rocks since the compilation in 1983. Based on the availability of new samples both at the Kansas Geological Survey in Lawrence and the Wichita Well Library, the general purpose of this project was to update the Precambrian database. The following goals were established at the beginning of the project.

1. Inventory the type, quantity, and quality of new Precambrian samples collected since December 1983.
2. Establish the petrography of key basement samples based on binocular microscope and thin section examination.
3. Incorporate additional penetrations, petrography, and inventory information into an EXCEL spreadsheet, Precambrian database to be made available in this report and as an electronic file.
4. Compile Precambrian information on a base map of Kansas.

This database will also be of significant use in understanding the basement geology based on geophysical signature. Since detailed interpretation of gravity and magnetic anomalies within Kansas requires information about the depth and composition of basement rock, the most current, complete, and accessible Precambrian database desired. Once correlated, the geophysical and geological data can be used to infer subdivisions within the basement terrain aiding in the search for petroleum and minerals.

ACKNOWLEDGMENTS: Several individuals should to be noted for initiating and completing this project during the summer of 1997 including Lynn Watney, W.R. Van Schmus, Joe Kruger, and Pieter Berendsen. Each provided a significant amount of information that was incorporated into the database as well as guidance for the project. Thanks also to Larry Skelton and staff at the Wichita Well Library for their assistance locating new Precambrian samples.

Methods

The first step in tackling this project was to compile all of the existing information about the Precambrian penetrations in Kansas. Starting with the list published in 1985 as a master, seven separate files were searched for additional penetrations. One file (RANDYALL), provided by W.R. Van Schmus, contained many of the new entries and after examination, approximately 300 penetrations were added to the master database. Several additional entries were found after searching two listings from Petroleum Investigations (PI) which included Precambrian penetrations reported between 1983 and 1997. Staff from the Wichita Well Library provided

sample information included on these PI listings. Next, a file indicating those wells with samples was examined and found to provide information about the availability of samples for wells drilled prior to 1983. Another important list incorporated into the database was a file showing isotopic ages for basement samples collected in Kansas. Separate columns were created within the master database to include the ages, error boundaries, and references. Another file, sent from Michael Pasecznyk of Cominco, provided a few of the most recently reported penetrations. Finally, a paper file was reviewed which provided information about the county numbering system for many of the additional entries. Although there was quite a bit of duplication, each of these files contained some information not found in the others. It is necessary to mention that upkeep of this database is an ongoing process and will need to continue as penetrations are reported and samples are received.

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Once the master database had been updated, it became the starting point for inventorying samples in the Precambrian collection. The collection is located on the second floor of the KGS Core Facility. Since all of the samples including both old and new, were filed together it seemed necessary to inventory the entire collection. Each sample was examined for quality and quantity and entered into the master database in additional columns. Sample quality is split into three groups based on the size of the individual chips and the level of contamination by overlying rock units. Poor quality samples have very small cuttings making it difficult to determine the Precambrian rock type and/or heavy contamination. Samples with some contamination but visible Precambrian rock chips are classified as fair. Finally, good samples contain minimal contamination and have distinct basement rock chips. Various quantities of drill cuttings and core are included in the collection. Three general categories were used to classify the samples. Small to very small are samples filling less than a 2-ounce container. Medium referred to those samples filling approximately 2 to 16-ounce containers and large, more than a 16-ounce container. Samples that are datable or can be used for chemical analysis are based on the quality, quantity and rock type. For example a good granite sample of medium size or a fair gneiss sample of large size may be isotopically analyzed. However, a fair or poor granite sample of medium size or a good quartzite sample probably cannot. Since the ability to date a sample is subject to several factors it is not included in the database.

Any of the new samples obtained since 1983 or not listed in the master database were set aside for binocular microscope identification. Forty-seven such samples were found in the Precambrian collection. In addition, many of the new entries into the database indicated that samples were located in the Wichita Well Library. With the help of Larry Skelton and the library staff, cuttings from approximately 100 wells were examined and 37 partial samples were taken for the Precambrian collection. Based on the location and type, 50 of the 84 new samples from both Wichita and Lawrence were chosen for thin section examination. Cuttings were selected and sent to have thin section made.

The next step of this process was to examine the master database and determine which entries needed additional information such as Precambrian contact elevation, overlying formation, or spot location. Much of this information was found on scout cards located in the Oil and Gas Library. As a result, scout cards were pulled and photocopied for all of the new penetrations and the appropriate information was corrected or added to the database. Another

area of the database that needed updating was the numbering of the Precambrian penetrations within the individual counties. Each penetration is given an abbreviation such as BT-388 which links it to the sample collection by county. For many of the new entries this abbreviation had not been assigned so consecutive numbers were added as needed. Several of the new entries also needed the latitude and longitude coordinates enabling them to be electronically mapped. David Collins wrote a computer program to convert the spot location based on section, township, and range to latitude and longitude. The entire database was run through the program to ensure continuity of the latitude and longitude values.

After meeting with several of the individuals involved in this project, it was determined that petrography would be the highest priority in this database renovation rather than additional isotopic analyses and ages. As a result, a more thorough examination was conducted of the Precambrian samples and thin sections available. There were 84 new samples inventoried for the Precambrian collection kept in the KGS Core Facility. Of these samples, 65 were examined with a binocular microscope. Descriptions included the size (in mm), shape, color, texture, and approximate mineral percentages. Lithologies were assigned based on the description and these were entered as verified lithologies in the master database. These lithology descriptions are included as an appendix to this report. Thin sections could also be used to verify the lithologies of both old and new samples. Pieter Berendsen provided access to the Precambrian thin sections located in Parker Hall. Most of the thin sections had been previously described by various geologists and recorded by county in two notebooks. Those descriptions were used to verify lithologies for more than 350 entries in the master database. However, there were many thin sections that had not been described and recorded in the notebooks. In total, brief descriptions were completed for 217 those thin sections not previously recorded. These descriptions included the texture, approximate mineral percentages, and rock type and can be found as an appendix to this report.

Finally, with all of the information being current, the database was ready to be converted to a map. For all of the Precambrian penetrations in the database, a numeric code was assigned to simplify the lithology for mapping purposes. The lithology codes are numbered from 0 to 9 going from granite wash to metasediments and a key can be found attached as an appendix to this report.

The following maps are currently being made and will also be included as an appendix.

1. Points of verified lithologies for Precambrian penetrations.
2. Precambrian penetration locations with samples in Lawrence.

Results and Future Research

In three short months the Precambrian database has been transformed through a series renovations. The most recent, available data has been incorporated into the database including new penetrations reported since 1983, sample availability and location, as well as quality and quantity. In addition, over 600 lithologies have been verified and noted by an asterisk in the column next to the abbreviated lithologies.

The original database contained 3400+ reported penetrations and the current master database contains 3800+ so that approximately 400 new entries were added. Due to its ever increasing size it has become necessary to take steps in moving this database from a spreadsheet format to an interactive electronic database. Kurt Look is currently in the process of creating the database framework in an ORACLE format. Once completed it will be possible to search the database for specific information such as Precambrian penetrations into mafic intrusive rock or samples available in Sumner County. This effort has made the Precambrian database more accessible and usable for future research in the areas of petroleum, geophysics, and crustal studies within the state of Kansas.

Looking toward the future, additional verified lithologies by thin section or binocular microscope examination would enhance the database and provide more concrete evidence for geologic mapping of the basement terrain. Isotopic analyses of key samples in southern and southwestern Kansas might also provide insight to crustal boundaries controlling basin development. Finally, all of this information would be best represented in a GIS (Geographic Information Systems) format such as ARCINFO. This format would link a visual map of Kansas showing the location of Precambrian penetrations to a table with information such as elevations, rock type, sample availability, and all of the other attributes associated with the individual entries.

KS	BT	54	SPRINGER	5S	OESER	1948 NW NW SW	30	16	S	11	W	98.58852	38.62977	1924	3266	-1340 LKC	3299	5	QT	7			
KS	BT	55	SPRINGER	7S	OESER	1950 NW SW SW	30	16	S	11	W	98.58853	38.62613	1913	3260	-1347 LKC	3295	35	QT	7			
KS	BT	56	SPRINGER	8S	OESER	1950 SW NW SW	30	16	S	11	W	98.58852	38.62794	1916	3256	-1340 LKC	3263	7	QT	7			
KS	BT	57	SPRINGER	9S	OESER	1959 NW NE SW	30	16	S	11	W	98.58409	38.62977	1927	3302	-1375 LKC	3304	2	QT	7			
KS	BT	58	SPRINGER	10	OESER(T)	1959 NE NW SW	30	16	S	11	W	98.5863	38.62977	1921	3260	-1339 LKC	3269	9	QT	7			
KS	BT	59	SPRINGER	11	S OESER	1960 SE NW SW	30	16	S	11	W	98.5863	38.62794	1926	3269	-1343 LKC	3274	5	QT	7			
KS	BT	60	TEXAS	2	JANSSEN	1943 NE NW SE	31	16	S	11	W	98.57738	38.61523	1897	3372	-1475 PEN	3373	1	QT	7			
KS	BT	61	BLACK MARSHA	2	VALENTA	1944 NE NE NE	31	16	S	11	W	98.57289	38.62249	1911	3363	-1452 ARB	3370	7	QT	7			
KS	BT	62	BLACK MARSHA	3	VALENTA	1947 SW NW NE	31	16	S	11	W	98.57961	38.62067	1911	3153	-1242 LKC	3182	29	QT	7			BT-62
KS	BT	63	NCRA	6	VALENTA	1953 SW NE NE	31	16	S	11	W	98.57514	38.62067	1908	3332	-1424 REA	3346	14	QT	7			
KS	BT	64	NCRA	7	VALENTA	1954 NW NE NE	31	16	S	11	W	98.57514	38.62249	1916	3308	-1392 REA	3312	4	QT	7			
KS	BT	65	SKELLY	3	VALENTA	1947 NW SW NE	31	16	S	11	W	98.57961	38.61886	1903	3288	-1385 LKC	3290	2	QT	7			
KS	BT	66	SKELLY	4	VALENTA	1954 NW SE NE	31	16	S	11	W	98.57515	38.61886	1906	3372	-1466 ARB	3376	4	QT	7			
KS	BT	67	VICKERS	1	VALENTA	1940 W2 NE NE	31	16	S	11	W	98.57514	38.62158	1909	3278	-1369 LKC	3285	7	QT	7			
KS	BT	68	SKELLY	1	ZORN	1949 C NW NW	31	16	S	11	W	98.58742	38.62159	1898	3269	-1371 LKC	3309	40	QT	7			
KS	BT	69	SKELLY	2	ZORN	1945 NE SE NW	31	16	S	11	W	98.58183	38.61887	1924	3273	-1349 LKC	3280	7	QT	7			CUTTINGS
KS	BT	70	SKELLY	3	ZORN	1947 NE NE NW	31	16	S	11	W	98.58183	38.62249	1926	3252	-1326 LKC	3264	12	QT	7			FAIR
KS	BT	71	SKELLY	4	ZORN	1948 SE NE NW	31	16	S	11	W	98.58183	38.62067	1928	3177	-1249 LKC	3233	56	QT	7			SM
KS	BT	72	SKELLY	5	ZORN	1955 NW NE NW	31	16	S	11	W	98.58406	38.62249	1911	3265	-1354 LKC	3328	63	QT	7			CUTTINGS
KS	BT	73	SKELLY	6	ZORN	1953 S2 E2 NW	31	16	S	11	W	98.58296	38.61796	1905	3244	-1339 LKC	3315	71	QT	7			FAIR/P
KS	BT	74	SKELLY	7	ZORN	1954 N2 S2 NW	31	16	S	11	W	98.58519	38.61887	1898	3182	-1284 LKC	3298	116	QT	7			S
KS	BT	75	B AND R(WINKL	5C	HITCHMAN	1957 C NE SE	32	16	S	11	W	98.55568	38.6143	1879	3514	-1635 REA	3553	39	GR WASH	0			SM
KS	BT	76	DERBY	4	BERNSTORF	1941 SE SE NE	33	16	S	11	W	98.53603	38.61712	1938	3622	-1684 ARB	3664	42	GR WASH/QT	1			
KS	BT	77	MURFIN	6	FREES	1953 NW NE NW	34	16	S	11	W	98.52914	38.62259	1939	3590	-1651 ARB	3869	279	SC	8			
KS	BT	78	H 30	4B	SCHAUF	1963 SE SW SW	1	16	S	12	W	98.60482	38.68216	1900	3437	-1537 ARB	3451	14	GR	1			CUTTINGS
KS	BT	79	PHILLIPS	2	SCHAUF	1945 SW NE SE	1	16	S	12	W	98.59322	38.6862	1865	3455	-1590 ARB	3470	15	PEG-GR	1			BT-77 PC-177C
KS	BT	80	GLICKMAN	4	WEBER	1964 SE NE NE	2	16	S	12	W	98.60942	38.6939	1889	3438	-1549 ARB	3477	39	QT	7			BT-78
KS	BT	81	SINCLAR PRAIR	1	TURGEON	1933 C NE NW	3	16	S	12	W	98.6384	38.69491	1889	3464	-1575 ARB	3479	15	QT	7			FAIR
KS	BT	82	PALMER	3	POLZIN	1947 SW NE SE	4	16	S	12	W	98.6489	38.68618	1847	3396	-1549 REA	3451	55	QT/SC	7			SM
KS	BT	83	PHIL HAN	1	DEPIESSE	1947 SW SE SW	5	16	S	12	W	98.67657	38.6824	1877	3289	-1412 LKC	3314	25	QT	7			CUTTINGS
KS	BT	84	JACKSON LINDS	1	HILGENBER	1950 NW NE NW	5	16	S	12	W	98.67661	38.69578	1822	3247	-1425 LKC	3271	24	QT	7			POOR
KS	BT	85	NCRA	3A	HILGENBER	1953 NW NW NE	5	16	S	12	W	98.672	38.69579	1861	3336	-1475 PEN	3338	2	QT	7			SM
KS	BT	86	PHILLIPS	1	HILGENBER	1949 SW NE NW	5	16	S	12	W	98.67661	38.69386	1860	3271	-1411 LKC	3292	21	QT	7			
KS	BT	87	PHILLIPS	2	HILGENBER	1950 E2 E2 NW	5	16	S	12	W	98.6743	38.69291	1868	3267	-1399 LKC	3317	50	QT	7			
KS	BT	88	PHILLIPS	3	HILGENBER	1951 SW SE NW	5	16	S	12	W	98.67659	38.69004	1858	3262	-1404 LKC	3304	42	QT	7			
KS	BT	89	PHILLIPS	4	HILGENBER	1953 NW SE NW	5	16	S	12	W	98.67659	38.69195	1865	3264	-1399 LKC	3290	26	QT	7			
KS	BT	90	NCRA	1	HOFMEISTE	1948 NW SW NW	5	16	S	12	W	98.6812	38.69194	1829	3252	-1423 LKC	3253	1	QT	7			
KS	BT	91	NCRA	4	HOFMEISTE	1948 SW SW NW	5	16	S	12	W	98.68119	38.69004	1820	3225	-1405 LKC	3266	41	QT/SC	7			CUTTINGS
KS	BT	92	NCRA	4A	HOFMEISTE	1963 SW SW NW	5	16	S	12	W	98.68119	38.69004	1823	3218	-1395 PEN	3224	6	QT	7			FAIR
KS	BT	93	NCRA	5	HOFMEISTE	1949 SE NW NW	5	16	S	12	W	98.67889	38.69386	1816	3226	-1410 REA	3228	2	QT	7			MD
KS	BT	94	NCRA	6	HOFMEISTE	1951 SE SW NW	5	16	S	12	W	98.67889	38.69004	1835	3229	-1394 LKC	3273	44	QT	7			
KS	BT	95	NCRA	7	HOFMEISTE	1952 NE SW NW	5	16	S	12	W	98.67889	38.69195	1821	3242	-1421 LKC	3248	6	QT	7			
KS	BT	96	BRACK	5A	STAUDNGER	1951 NE NW SW	5	16	S	12	W	98.67889	38.68813	1843	3236	-1393 LKC	3246	10	QT	7			
KS	BT	97	PHIL HAN	1	STAUDINGE	1947 SE SW SW	5	16	S	12	W	98.67887	38.68241	1868	3286	-1418 LKC	3296	10	QT	7			
KS	BT	98	PHIL HAN	2A	STAUDNGER	1949 NW NW SW	5	16	S	12	W	98.68118	38.68813	1827	3240	-1413 LKC	3258	18	QT	7			
KS	BT	99	PHIL-HAN	4A	STAUDNGER	1949 NE SW SW	5	16	S	12	W	98.67887	38.68432	1856	3276	-1420 LKC	3288	12	QT	7			
KS	BT	100	APPLEMAN	1	STULL	1942 S2 SE SW	6	16	S	12	W	98.69411	38.6826	1869	3320	-1451 ARB	3332	12	QT	7			
KS	BT	101	HARMS	1	BIEBERLE	1964 NW SE NE	8	16	S	12	W	98.66732	38.67688	1874	3353	-1479 REA	3360	7	GR WASH	0			
KS	BT	102	GULF	1	BUSHNELL	1942 S2 SW NE	8	16	S	12	W	98.67077	38.67509	1881	3284	-1403 PEN	3320	36	QT	7			CUTTINGS
KS	BT	103	NORTHERN ORDI	B	BUSHNELL	1951 NW SW NE	8	16	S	12	W	98.67194	38.6769	1883	3292	-1409 LKC	3293	1	QT	7			BT-102 PC-100
KS	BT	104	FRANCO CENTR	6	FELTES	1947 N2 NE SE	8	16	S	12	W	98.66613	38.67326	1883	3296	-1413 LKC	3300	4	QT	7			FAIR
KS	BT	105	FRANCO CENTR	7	FELTES	1948 SE NE SE	8	16	S	12	W	98.66496	38.67145	1894	3302	-1408 LKC	3328	26	QT	7			SM
KS	BT	106	FRANCO CENTR	8	FELTES	1950 N2 N2 SE	8	16	S	12	W	98.66844	38.67327	1866	3350	-1484 REA	3357	7	GR	1			
KS	BT	107	MARTIN HEARIN	2	FELTES	1951 SE NW SE	8	16	S	12	W	98.66957	38.67146	1884	3301	-1417 LKC	3332	31	QT	7			CUTTINGS
KS	BT	108	MARTIN HEARIN	5	FELTES	1946 W2 NW SE	8	16	S	12	W	98.6719	38.67238	1890	3285	-1395 LKC	3330	45	MI-QT	7			POOR
KS	BT	109	SINCLAR PRAIR	1	FELTES	1936 SE SE SE	8	16	S	12	W	98.66492	38.66784	1892	3290	-1398 MAR	3380	90	MI-QT	7			SM
KS	BT	110	TEXAS	1	LUERMAN	1939 NE SE SW	8	16	S	12	W	98.67419	38.66967	1883	3277	-1394 LKC	3345	68	QT	7			CUTTINGS
KS	BT	111	DARBY	1	STAUDINGE	1943 S2 SE NW	8	16	S	12	W	98.67538	38.67511	1884	3344	-1460 PEN	3349	5	QT	7			POOR
KS	BT	112	BLACK MARSHA	2	TURGEON	1948 NE SW NW	9	16	S	12	W	98.6604	38.67686	1880	3322	-1442 PEN	3334	12	GR WASH	0			SM
KS	BT	113	H-30 INC.	1	TURGEON	1965 NW NE NW	9	16	S	12	W	98.65813	38.68046	1891	3404	-1513 MAR	3411	7	QT	7			
KS	BT	114	NCRA	3A	TURGEON	1952 SE SW NW	9	16	S	12	W	98.66038	38.67505	1880	3312	-1432 PEN	3318	6	QT	7			BT-116-1 PC-282A
KS	BT	115	SUNRAY ASH	3	TURGEON	1946 NW NW SW	9	16	S	12	W	98.66267	38.67325	1899	3302	-1403 LKC	3348	46	QT	7			
KS	BT	116	ALLAN	1	CHRISTIANS	1959 SW NE SE	10	16	S	12	W	98.63025	38.67128	1907	3311	-1404 LKC	3341	30	QT	7			
KS	BT	117	PHIL HAN	1	SCHAUF	1946 SE SW NW	10	16	S	12	W	98.64186	38.67497	1864	3296	-1432 REA	3312	16	QT	7			
KS	BT	118	ORLANDO	1	SCHAUF	1924 SE SE NW	11	16	S	12	W	98.61868	38.67485	1907	3503	-1596 REA	3519	16	SC	8			
KS	BT	119	WINKLER KOCH	1	THILL	1943 C NE NE	11	16	S	12	W	98.61061	38.67934	1917	3472	-1555 ARB	3480	8	GR WASH	0			

KS	BT	123	PHILLIPS	3	WEBER	1946	S2	SE	NW	13	16	S	12	W	98.60124	38.66043	1892	3380	-1531	ARB	3740	344	GABBRO	4	CUTTINGS	BT-123-1	PC-91A,B	GOOD	SM	
KS	BT	124	VICKERS	1	KERR	1933	NW	NW	SE	15	16	S	12	W	98.63478	38.65862	1923	3454	-1531	ARB	3494	40	SC,QT	8	CUTTINGS			POOR	SM	
KS	BT	125	DARBY	4	KULTGEN	1936	S2	N2	NW	16	16	S	12	W	98.65911	38.66418	1907	3404	-1497	ARB	3417	13	GR	1	CUTTINGS	BT-125		FAIR	SM	
KS	BT	126	FRANCO CENTR	1	KULTGEN	1950	SW	NE	SW	16	16	S	12	W	98.65791	38.65691	1915	3373	-1458	REA	3383	10	QT	7						
KS	BT	127	POLK FORTSON	2	KULTGEN	1939	NW	NW	SW	16	16	S	12	W	98.66255	38.65875	1909	3379	-1470	REA	3404	25	QT	7						
KS	BT	128	TRANSWESTER	1	KULTGEN	1941	S2	SE	SW	16	16	S	12	W	98.65675	38.65327	1920	3352	-1432	PEN	3362	10	QT	7	CUTTINGS			POOR	SM	
KS	BT	129	SKELLY	1	WEBER	1947	S2	NW	NW	13	16	S	12	W	98.60587	38.66397	1897	3413	-1516	REA	3434	21	GR WASH	0	POWDER				SM	
KS	BT	130	PHILLIPS	3	THEISEN	1948	S2	SE	NW	14	16	S	12	W	98.61977	38.66038	1916	3426	-1510	REA	3446	20	GABBRO	4	POWDER				SM	
KS	BT	131	SPRINGER	7N	OESER	1958	C	NE	NW	30	16	S	11	W	98.58521	38.63432	1927	3276	-1349	LKC	3278	2	QT	7						
KS	BT	132	DARBY	1	KRAMER	1943	C	NE	NW	17	16	S	12	W	98.67532	38.66515	1894	3310	-1416	PEN	3348	38	QT	7						
KS	BT	133	BLACK MARSHA	1	KULTGEN	1947	SW	SE	SE	17	16	S	12	W	98.66715	38.65332	1910	3355	-1445	REA	3375	20	QT	7						
KS	BT	134	FRANCO CENTR	3A	KULTGEN	1949	NW	NE	NE	17	16	S	12	W	98.66721	38.66603	1891	3272	-1381	LKC	3278	6	QT	7						
KS	BT	135	FRANCO CENTR	1	LAMBERT	1948	W2	SW	NE	17	16	S	12	W	98.67183	38.6615	1895	3307	-1412	LKC	3356	49	QT	7	CUTTINGS/POWDER				SM	
KS	BT	136	FRANCO CENTR	2	LAMBERT	1950	SE	NW	NE	17	16	S	12	W	98.66953	38.66422	1903	3306	-1403	LKC	3321	15	QT	7	POWDER				SM	
KS	BT	137	GULF	2	LAMBERT	1945	NE	SW	NE	17	16	S	12	W	98.66953	38.66241	1898	3325	-1427	PEN	3332	7	QT	7						
KS	BT	138	GULF OIL	1	LAMBERT	1966	NE	NW	NE	17	16	S	12	W	98.66953	38.66604	1898	3280	-1382	LKC	3294	14	QT	7						
KS	BT	139	PETROLEUM INC	1	WEBER	1967	NE	SW	SE	17	16	S	12	W	98.66947	38.65514	1905	3303	-1398	LKC	3322	19	QT	7						
KS	BT	140	DARRAH	2	NORTON	1956	SW	NW	SW	21	16	S	12	W	98.66243	38.64241	1923	3476	-1553	ARB	3487	11	QT	7						
KS	BT	141	BAY	1	STOSKOPF	1943	S2	NE	NE	21	16	S	12	W	98.64744	38.64958	1916	3420	-1504	ARB	3432	12	GR	1	NONE	BT-141				
KS	BT	142	DARBY	1	STOSKOPF	1941	N2	NW	NW	21	16	S	12	W	98.66138	38.65148	1927	3350	-1423	PEN	3369	19	GR GN	6	CUTTINGS	BT-142		FAIR	SM	
KS	BT	143	DARRAH(KEYES	1	STOSKOPF	1946	NW	NW	NE	21	16	S	12	W	98.65326	38.65144	1919	3336	-1417	PEN	3363	27	QT	7						
KS	BT	144	HARTMAN	1	RIEMANN	1947	NW	NE	SW	23	16	S	12	W	98.62085	38.64409	1929	3355	-1426	LKC	3363	8	WEA QT	7						
KS	BT	145	HARTMAN	5	RIEMANN	1949	SE	SW	SW	23	16	S	12	W	98.62314	38.63865	1924	3349	-1425	LKC	3354	5	QT	7						
KS	BT	146	GULF	1	WELLS	1944	N2	NE	SE	23	16	S	12	W	98.61046	38.64408	1919	3332	-1413	ARB	3341	9	ALT BASALT	5	CUTTINGS	BT-146	PC-217	FAIR	SM	
KS	BT	147	GULF	2	WELLS	1944	N2	NW	SE	23	16	S	12	W	98.61507	38.64408	1929	3351	-1422	PEN	3375	24	ALT BASALT	5	CUTTINGS	BT-147	PC-72	FAIR	SM	
KS	BT	148	GULF	3	WELLS	1946	SE	NE	SE	23	16	S	12	W	98.6093	38.64227	1912	3348	-1436	REA	3350	2	QT	7	CUTTING			GOOD	SM	
KS	BT	149	SHELL	1	RIEMANN	1944	N2	NE	NW	23	16	S	12	W	98.61972	38.65134	1922	3385	-1463	ARB	3461	76	SC	8	CUTTINGS			FAIR	SM	
KS	BT	150	SHELL	3	RIEMANN	1944	N2	SE	NW	23	16	S	12	W	98.61971	38.64771	1927	3454	-1527	PEN	3460	6	METAMOR	8						
KS	BT	151	BLACK MARSHA	1	DOLECHEK	1940	N2	NW	NE	24	16	S	12	W	98.59662	38.65147	1883	3386	-1503	PEN	3390	4	QT	7						
KS	BT	152	BLACK MARSHA	1	DOLECHEK	1943	C	SE	SW	24	16	S	12	W	98.6012	38.63963	1905	3358	-1453	REA	3368	10	SC	8						
KS	BT	153	BLACK MARSHA	2	DOLECHEK	1944	C	SW	SW	24	16	S	12	W	98.60583	38.63958	1914	3372	-1458	ARB	3400	28	SC	8						
KS	BT	154	GULF	1	DOLECHEK	1939	N2	NE	SW	24	16	S	12	W	98.60121	38.64417	1901	3380	-1479	PEN	3400	20	SC	8						
KS	BT	155	NCRA	11	DOLECHEK	1950	NW	SW	NE	24	16	S	12	W	98.59776	38.64783	1883	3413	-1530	PEN	3491	78	CH-SC	8			BT-154	PC-97		
KS	BT	156	NCRA	13	DOLECHEK	1953	SW	NW	SE	24	16	S	12	W	98.59773	38.6424	1896	3370	-1474	PEN	3372	2	QT	7						
KS	BT	157	GULF	2	HOFMEISTE	1944	N2	SW	NW	24	16	S	12	W	98.60585	38.64774	1910	3322	-1412	PEN	3340	18	SYEN	3	CUTTINGS	BT-157	PC-71 Golf #2	FAIR	SM	
KS	BT	158	GULF	3	CASE	1944	NE	SW	NW	25	16	S	12	W	98.60468	38.63323	1925	3307	-1382	LKC	3311	4	QT	7	CUTTINGS			FAIR	SM	
KS	BT	159	BRUNSON	6	OESER	1951	S2	NE	SW	25	16	S	12	W	98.6012	38.62781	1929	3288	-1359	LKC	3298	10	QT	7						
KS	BT	160	FLOURNOY HAS	1	OESER	1952	NE	SE	SW	25	16	S	12	W	98.60005	38.626	1934	3318	-1384	LKC	3338	20	QT	7						
KS	BT	161	LAUCK MONCRI	1	OESER	1941	SE	SE	SE	25	16	S	12	W	98.5908	38.62429	1903	3270	-1367	LKC	3275	5	QT	7	CUTTINGS			FAIR	SM	
KS	BT	162	LAUCK MONCRI	2	OESER	1943	NE	SW	SE	25	16	S	12	W	98.59543	38.62606	1916	3300	-1384	PEN	3393	93	QT SC, ALT B	8	CUTTINGS	BT-162	PC-84AC	FAIR/P	SM	
KS	BT	163	LAUCK MONCRI	3	OESER	1940	NE	NE	SE	25	16	S	12	W	98.59079	38.62975	1928	3297	-1369	PEN	3306	9	QT	7						
KS	BT	164	LAUCK MONCRI	4	OESER	1945	NE	NW	SE	25	16	S	12	W	98.59541	38.6297	1930	3295	-1365	PEN	3330	35	QT	7						
KS	BT	165	LAUCK MONCRI	5	OESER	1945	SW	NW	SE	25	16	S	12	W	98.59773	38.62785	1923	3287	-1364	LKC	3300	13	QT	7						
KS	BT	166	LAUCK	6	OESER	1948	NW	NW	SE	25	16	S	12	W	98.59773	38.62967	1927	3278	-1351	LKC	3279	1	QT	7						
KS	BT	167	LAUCK	7	OESER	1949	SE	NE	SE	25	16	S	12	W	98.59079	38.62793	1922	3275	-1353	LKC	3276	1	QT	7						
KS	BT	168	LAUCK	8	OESER	1950	NE	SE	SE	25	16	S	12	W	98.5908	38.62611	1912	3308	-1396	PEN	3314	6	QT	7						
KS	BT	169	LAUCK	9	OESER	1950	SW	NE	SE	25	16	S	12	W	98.59311	38.62791	1917	3283	-1366	LKC	3287	4	QT	7						
KS	BT	170	MARSHALL	5B	OESER	1946	NW	NE	SW	25	16	S	12	W	98.60236	38.62961	1932	3288	-1356	LKC	3293	5	QT	7	CUTTINGS	CT-170	PC-89	FAIR	SM	
KS	BT	171	MARSHALL	3B	OESER	1945	NE	NW	SW	25	16	S	12	W	98.60468	38.62959	1933	3291	-1358	LKC	3292	1	QT	7						
KS	BT	172	MARSHALL	4B	OESER	1945	NE	SW	SW	25	16	S	12	W	98.60468	38.62594	1936	3393	-1457	ARB	3394	1	QT	7						
KS	BT	173	MARSHALL	2B	OESER	1945	NE	SE	SW	25	16	S	12	W	98.60005	38.626	1932	3317	-1385	PEN	3337	20	QT	7						
KS	BT	174	GULF	4	REMMERS	1945	NE	SE	NW	25	16	S	12	W	98.60004	38.63328	1926	3316	-1390	LKC	3337	21	QT	7	CUTTINGS	BT-174	PC-73	FAIR	SM	
KS	BT	175	BLACK MARSHA	2	RIEMANN	1942	NE	SE	NE	25	16	S	12	W	98.59078	38.63339	1933	3342	-1409	PEN	3350	8	QZ-MI-SC	8						
KS	BT	176	BLACK MARSHA	6	RIEMANN	1946	SW	SE	NE	25	16	S	12	W	98.5931	38.63155	1926	3316	-1390	LKC	3330	14	QT	7						
KS	BT	177	BLACK MARSHA	9	RIEMANN	1947	SE	SE	NE	25	16	S	12	W	98.59079	38.63157	1933	3325	-1392	REA	3334	9	QT	7						
KS	BT	178	DELTA	1	RIEMANN	1948	SE	SE	NW	25	16	S	12	W	98.60004	38.63146	1925	3293	-1368	LKC	3296	3	QT	7						
KS	BT	179	BLACK MARSHA	1	DOLECHEK	1944	NE	NE	NE	26	16	S	12	W	98.60929	38.63683	19													

KS	BT	192	CITIES SERVIC	5B	HOFFMAN	1941 E2	SE NW	7	16	S	13	W	98.80387	38.67595	1911	3528	3606	ARB	3549	26	GR WASH	0						
KS	BT	193	SHELL	8A	HOFFMAN	1938 SE	NW SW	7	16	S	13	W	98.80852	38.67142	1915	3349	-1434	ARB	3365	16	QT	7	CORE	BT-193	GOOD	SM		
KS	BT	194	SHELL	9A	HOFFMAN	1939 SW	SW SW	7	16	S	13	W	98.81084	38.66779	1908	3300	-1392	LKC	3310	10	QT	7						
KS	BT	195	SHELL	A 10	HOFFMAN	1940 SW	NW SW	7	16	S	13	W	98.81085	38.67142	1916	3325	-1409	LKC	3342	17	QT	7						
KS	BT	196	JOHNSON	1W	BITTER	1942 C	SW SW	8	16	S	13	W	98.79097	38.68869	1926	3580	-1654	REA	3596	16	GR	1						
KS	BT	197	HERNDON(EMP	2	DEMEL	1948		S2	9	16	S	13	W	98.76547	38.67047	1925	3664	-1739	ARB	3676	12	GR WASH/GR	1	CORE	BT-198	PC-47	GOOD	MD
KS	BT	198	SHELL	4A	EHRlich	1938 SE	SE NW	18	16	S	13	W	98.80379	38.66053	1931	3324	-1393	LKC	3347	23	QT	7	CUTTINGS		POOR	SM		
KS	BT	199	CITIES SERVIC	1	LEURMAN	1939 NW	NW SE	18	16	S	13	W	98.80147	38.65871	1940	3353	-1413	PEN	3500	147	QT	7						
KS	BT	200	SHARON	2	LEURMAN	1940 N2	SE SE	18	16	S	13	W	98.79565	38.65511	1948	3366	-1418	LKC	3380	14	QT	7						
KS	BT	201	SHELL	4	LEURMAN	1941 SW	NE SW	18	16	S	13	W	98.8061	38.65689	1933	3334	-1401	LKC	3351	17	QT	7						
KS	BT	202	SKELLY	1	SUSANK	1941 NW	NW NE	19	16	S	13	W	98.80145	38.65147	1932	3349	-1417	LKC	3352	3	QT	7						
KS	BT	203	SKELLY	3	SUSANK	1942 SE	SW NE	19	16	S	13	W	98.79915	38.64603	1951	3515	-1564	REA	3548	33	QT,SC	7	CUTTINGS		POOR	SM		
KS	BT	204	SKELLY	6	SUSANK	1946 SE	NW NE	19	16	S	13	W	98.79915	38.64966	1947	3365	-1418	LKC	3372	7	QT	7						
KS	BT	205	WEAVER	3	PRUSA	1946 NE	SW NE	20	16	S	13	W	98.7807	38.64783	1968	3397	-1429	LKC	3410	13	GR	1						
KS	BT	206	WEAVER	4	PRUSA	1966 SW	NW NE	20	16	S	13	W	98.78299	38.64965	1959	3400	-1441	LKC	3401	1	QT	7						
KS	BT	207	WILLIAMS WILS	1	PRUSA	1945 SW	SW NE	20	16	S	13	W	98.78302	38.64603	1954	3353	-1399	LKC	3360	7	QT	7						
KS	BT	208	WEAVER	2	REDETZKE	1945 NW	NW SE	20	16	S	13	W	98.78304	38.64421	1954	3365	-1411	PEN	3415	50	QT	7						
KS	BT	209	CONTINENTAL	5	STOSKOPF	1946 SE	NE NW	20	16	S	13	W	98.7853	38.64966	1943	3375	-1432	LKC	3407	32	QT	7						
KS	BT	210	CIRCLE	5	CHRISTIANS	1967 SW	SE SE	24	16	S	13	W	98.70462	38.63914	1943	3692	-1749	ARB	3707	15	QT	7						
KS	BT	211	CONTINENTAL	2	STOSKOPF	1941 NW	NW SW	28	16	S	13	W	98.77409	38.62968	1934	3358	-1424	PEN	3370	12	QT	7						
KS	BT	212	CONTINENTAL	1	HARRINGTO	1941 SE	NE SE	29	16	S	13	W	98.77646	38.62786	1940	3371	-1431	LKC	3402	31	QT	7						
KS	BT	213	MABEE	2	STOSKOPF	1942 SE	SW NW	29	16	S	13	W	98.79015	38.63151	1926	3378	-1452	PEN	3398	20	GR WASH	0						
KS	BT	214	KAISER FRANCI	4	MARQUIS	1946 S2	NE NW	32	16	S	13	W	98.78685	38.62059	1924	3594	-1670	REA	3595	1	GR WASH	0						
KS	BT	215	CONTINENTAL	4	SCHREIBER	1944 NW	NW SE	32	16	S	13	W	98.78333	38.61512	1908	3460	-1552	ARB	3590	130	QT	7						
KS	BT	216	CONTINENTAL	5	SCHREIBER	1944 NW	SW SE	32	16	S	13	W	98.78328	38.61148	1897	3305	-1408	LKC	3327	22	QT	7						
KS	BT	217	CONTINENTAL	7	SCHREIBER	1947 SE	NW SE	32	16	S	13	W	98.78101	38.6133	1899	3305	-1406	LKC	3450	145	QT	7						
KS	BT	218	CONTINENTAL	8	SCHREIBER	1948 SE	NE SW	32	16	S	13	W	98.7856	38.6133	1918	3321	-1403	LKC	3330	9	QT	7						
KS	BT	219	HERNDON	5	SCHREIBER	1946 SE	SW NE	32	16	S	13	W	98.78107	38.61695	1914	3370	-1456	LKC	3378	8	QT	7	CUTTINGS		FAIR	SM		
KS	BT	220	HERNDON	2	SCHREIBER	1946 C	NE NE	32	16	S	13	W	98.77771	38.6215	1914	3590	-1676	ARB	3720	130	QT	7						
KS	BT	221	CONTINENTAL	2	SUSANK	1948 NE	SE SW	32	16	S	13	W	98.78558	38.61148	1917	3327	-1410	LKC	3330	3	QT	7						
KS	BT	222	CONTINENTAL	1	SUSANK	1944 SE	SE SW	32	16	S	13	W	98.78554	38.60965	1917	3347	-1430	LKC	3382	35	QT	7						
KS	BT	223	H 30	1	RUDE	1964 NW	SE SW	32	16	S	13	W	98.78787	38.61147	1934	3342	-1408	PEN	3352	10	QT	7						
KS	BT	224	H-30 INC.	2	RUDE	1965 SE	SW SW	32	16	S	13	W	98.79015	38.60965	1940	3340	-1400	MAR	3349	9	QT	7						
KS	BT	225	CONTINENTAL	5A	AINSWORTH	1937 NW	SE NE	33	16	S	13	W	98.76025	38.61875	1944	3660	-1716	REA	3720	60	GR WASH	0						
KS	BT	226	CONTINENTAL	7A	AINSWORTH	1937 SW	NE NE	33	16	S	13	W	98.76025	38.62057	1949	3660	-1711	ARB	3747	87	PK CLAS/QT	9	CUTTINGS	BT-226	POOR	SM		
KS	BT	227	CONTINENTAL	8A	AINSWORTH	1943 NE	NE NE	33	16	S	13	W	98.75793	38.62239	1933	3665	-1732	REA	3742	77	GR WASH	0	CUTTINGS		POOR	SM		
KS	BT	228	EASON	2	AINSWORTH	1938 NW	SE SE	33	16	S	13	W	98.76022	38.61146	1945	3680	-1735	REA	3740	60	GR WASH/GR	1	CUTTINGS		POOR	SM		
KS	BT	229	STANOLIND	1	RIEMANN	1942 SW	SW NW	34	16	S	13	W	98.75562	38.61695	1914	3625	-1711	ARB	3762	137	GR GN	6		BT-229	PC-22B			
KS	BT	230	STANOLIND	5	RIEMANN	1937 SE	SW NW	34	16	S	13	W	98.75333	38.617	1933	3650	-1717	ARB	3761	111	GN, SC	6		BT-230	PC-12B			
KS	BT	231	ALPINE	1	DEAL	1946 SW	NW SE	35	16	S	13	W	98.728	38.61376	1902	3328	-1426	LKC	3335	7	QT	7						
KS	BT	232	MC CONNELL	2	DEAL	1966 SE	NW SE	35	16	S	13	W	98.72569	38.61377	1882	3301	-1419	LKC	3305	4	QT	7						
KS	BT	233	MCCONNELL	6	DEAL	1969 NW	NE SE	35	16	S	13	W	98.72337	38.6156	1885	3327	-1442	PEN	3339	12	QT	7						
KS	BT	234	SKELLY	1	GAGE	1939 SE	SE SW	35	16	S	13	W	98.73032	38.61011	1873	3291	-1418	LKC	3383	92	QT	7	CUTTINGS		FAIR	SM		
KS	BT	235	HARMS PETROL	1	REXROAT	1967 NE	SE SW	35	16	S	13	W	98.73032	38.61193	1891	3301	-1410	LKC	3310	9	QT	7						
KS	BT	236	STOSKOPF	2	REXROAT	1969 SW	SE SW	35	16	S	13	W	98.73265	38.6101	1865	3278	-1413	PEN	3290	12	QT	7						
KS	BT	237	NCRA	1	ZUGG	1948 NW	SW NW	35	16	S	13	W	98.73724	38.61916	1876	3566	-1690	ARB	3594	28	GR WASH	0						
KS	BT	238	CITIES SERVIC	7A	HOFFMAN	1944 NW	SE NE	1	16	S	14	W	98.81534	38.69199	1875	3579	-1704	REA	3590	11	GR WASH	0						
KS	BT	239	SHELL	4C	HOFFMAN	1949 W2	E2 SE	1	16	S	14	W	98.81548	38.68524	1891	3576	-1685	ARB	3667	91	GR WASH	0	CUTTINGS		POOR	SM		
KS	BT	240	SHELL	1B	SCHNEIDER	1948 NE	NE NW	1	16	S	14	W	98.82231	38.69582	1844	3575	-1731	REA	3586	11	GR WASH/GR	1						
KS	BT	241	SHELL	2B	SCHNEIDER	1938 NW	NE NW	1	16	S	14	W	98.82468	38.69582	1857	3565	-1708	REA	3607	42	GR WASH	0						
KS	BT	242	SHELL	9B	SCHNEIDER	1958 SW	NW NW	1	16	S	14	W	98.82939	38.69387	1865	3590	-1725	REA	3600	10	GR	1						
KS	BT	243	SHELL	8 10	SCHNEIDER	1942 NW	SE NW	1	16	S	14	W	98.82472	38.69196	1847	3580	-1733	REA	3618	38	GR WASH	0						
KS	BT	244	SHELL	2B	HOFFMAN	1938 NE	NE NE	12	16	S	14	W	98.81324	38.68048	1909	3600	-1691	ARB	3632	32	QT	7						
KS	BT	245	SHELL	6B	HOFFMAN	1945 NE	NE NE	12	16	S	14	W	98.81324	38.68048	1909	3598	-1689	REA	3602	4	QT	7						
KS	BT	246	SHELL	2A	PETERMAN	1938 NE	NE SE	13	16	S	14	W	98.81309	38.65869	1913	3684	-1771	ARB	3725	41	GR WASH	0						
KS	BT	247	BRIDGEPORT	4A	SAUSEN	1946 NE	SW NE	13	16	S	14	W	98.81776	38.66231	1893	3695	-1802	ARB	3707	12	GR	1						
KS	BT	248	DERBY	5	SIEMSEN	1947 SE	NW NE	24	16	S	14	W	98.81763	38.64959	1927	3576	-1649	ARB	3606	30	QT	7						
KS	BT	249	HELMERICH PAY	1	DAVIS	1947 NW	NW SW	32	16	S	14	W	98.90292	38.6151	1982	3690	-1708	ARB	3719	29	PK WEA GR	1						
KS	BT	250	MIDWEST	34	KARST	1929 SW	SE SW	11	16	S	15	W	98.95299	38.66815	1977	3711	-1734	REA	3730	19	GR	1						
KS	BT	251	CITIES SERV	1	PEARSON	1970 C	NW SE	30	17	S	15	W	99.02132	38.5421	2022	3702	-1680	REA	3720	18	GR WASH	0						
KS	BT	252	TEXAS	3A	BURMEISTE	1940 E2	NE SW	2	17	S	11	W	98.50847	38.59988	1917	3545	-1628	ARB	3558	13	QT	7						

KS	BT	261	EL DORADO	6B	EHILER	1950	SE	SE	SW	12	17	S	11	W	98.49013	38.58085	1890	3586	-1690	REA	3578	42	GR	WASH	0								
KS	BT	262	CHAMPLIN	2B	BURMEISTE	1944	NE	SE	SW	13	17	S	11	W	98.4901	38.5682	1870	3560	-1690	REA	3635	75	QT,GN,SC	*	7		CUTTINGS	BT-262	PC-71AC	FAIR	SM		
KS	BT	263	CHAMPLIN	2A	BURMEISTE	1941	W2	NE	NW	13	17	S	11	W	98.49244	38.57815	1892	3608	-1716	REA	3653	45	GR		1								
KS	BT	264	TEXAS		4	PETERMAN	1944	N2	SE	SE	13	17	S	11	W	98.48202	38.56815	1854	3532	-1678	REA	3723	191	SC	*	8		CUTTINGS	BT-264	PC-83AC	FAIR	SM	
KS	BT	265	GULF		5	PETERMAN	1946	SW	NW	SE	15	17	S	11	W	98.52471	38.56989	1836	3574	-1738	ARB	3584	10	GR		1							
KS	BT	266	GULF		8	PETERMAN	1951	SE	NW	SE	15	17	S	11	W	98.52243	38.56989	1833	3573	-1740	REA	3589	16	GR		1							
KS	BT	267	SHELL VICKERS	1B	SOEKEN	1942	S2	N2	NE	21	17	S	11	W	98.53963	38.56264	1808	3544	-1736	REA	3576	32	GR		1								
KS	BT	268	SHELL	2B	SOEKEN	1942	NE	NW	NE	21	17	S	11	W	98.54077	38.56446	1808	3542	-1734	REA	3559	17	GR		1								
KS	BT	269	TRANSWESTER		3	PETERMAN	1945	N2	SE	NE	24	17	S	11	W	98.48203	38.5609	1849	3553	-1704	REA	3568	15	SC/GR		8							
KS	BT	270	CRA(NATL REFI		5	MCLEAN	1937	NW	SE	SE	25	17	S	11	W	98.48328	38.53908	1829	3514	-1685	REA	3880	366	SC		8		CUTTINGS			FAIR	SM	
KS	BT	271	FRANCIS		5	MCLEAN	1955	E2	NW	SE	25	17	S	11	W	98.48559	38.54182	1832	3457	-1625	REA	3540	83	SC		8							
KS	BT	272	NATIONAL REFI		6	MCLEAN	1948	NE	SE	SE	25	17	S	11	W	98.48097	38.53907	1821	3488	-1667	REA	3666	178	SC		8							
KS	BT	273	RAYMOND		2	EVENSON	1963	NE	SW	NE	33	17	S	11	W	98.54097	38.53181	1803	3678	-1875	ARB	3714	36	GR		1							
KS	BT	274	SKELLY		1	BLOOMER	1949	NW	SW	NE	36	17	S	11	W	98.48798	38.53183	1821	3400	-1579	REA	3568	168	SC		8		CUTTINGS			POOR	SM	
KS	BT	275	TEXAS		5	BLOOMER	1949	SW	NE	NE	36	17	S	11	W	98.48333	38.53363	1809	3415	-1606	REA	3744	329	GRAY SC		8		CUTTINGS			POOR	SM	
KS	BT	276	ATLANTIC		2	GEMEINHAR	1937	NW	NE	SW	36	17	S	11	W	98.49264	38.52821	1815	3536	-1721	REA	3610	74	SC		8							
KS	BT	277	ATLANTIC		3	GEMEINHAR	1937	SE	SE	SW	36	17	S	11	W	98.4904	38.52275	1811	3505	-1694	REA	3518	13	SC		8							
KS	BT	278	ATLANTIC		10	PATZNER	1961	E2	W2	SE	36	17	S	11	W	98.48575	38.52546	1815	3420	-1605	REA	3589	169	SC		8		CORE	BT-278	PC-30	GOOD	MD	
KS	BT	279	ALADDIN HANNU		3	GAGE	1948	E2	NW	NW	2	17	S	13	W	98.73495	38.60731	1875	3316	-1441	LKC	3333	17	QT		7							
KS	BT	280	ALPINE		1	GAGE	1946	NW	NE	NW	2	17	S	13	W	98.73264	38.60825	1861	3270	-1409	LKC	3281	11	QT		7							
KS	BT	281	SOHIO BLACK M		2	HORST	1949	SW	SE	SE	2	17	S	13	W	98.72316	38.59517	1882	3608	-1726	REA	3667	59	GR WASH		0		CUTTINGS			FAIR	SM	
KS	BT	282	ALADDIN HANNU	8B	LOWRY	1948	NE	NE	SW	2	17	S	13	W	98.73021	38.60077	1856	3415	-1559	REA	3433	18	QT		7								
KS	BT	283	CONTINENTAL		2	FORD	1938	NE	NE	NW	10	17	S	13	W	98.7487	38.59328	1920	3593	-1673	REA	3747	154	GR	*	1		CUTTINGS	BT-283		FAIR	MD	
KS	BT	284	EARL LALLEN		6	FINGER	1970	S2	SW	SE	12	17	S	13	W	98.70808	38.58062	1910	3611	-1701	ARB	3613	2	GR		1							
KS	BT	285	HARMS BURT		2	STOSKOPF	1958	W2	E2	NW	28	17	S	13	W	98.76897	38.54701	1918	3790	-1872	ARB	3791	1	GR		1							
KS	BT	286	BRADLEY		1	JANKE	1950	NE	NE	SW	7	17	S	14	W	98.91437	38.58594	1906	3593	-1687	ARB	3729	136	META ARKOSP		9		CUTTINGS	BT-286		FAIR	SM	
KS	BT	287	THREE G		1	KAHLER	1967	S2	SE	SE	7	17	S	14	W	98.90621	38.58027	1937	3620	-1683	REA	3650	30	QT		7							
KS	BT	288	REPUBLIC		6	EVELEIGH	1955	SW	NW	SW	15	17	S	14	W	98.86567	38.56943	1885	3714	-1829	ARB	3971	257	QT		7							
KS	BT	289	PHILLIPS		4	KARST	1948	SW	SW	SE	21	17	S	14	W	98.87486	38.55111	1869	3630	-1761	REA	3748	118	QT,GN,SC		7							
KS	BT	290	BRIDGEPORT	6A	MEITNER	1948	W2	NE	NW	28	17	S	14	W	98.87948	38.54831	1858	3611	-1753	REA	3698	87	GR GN,BASAL	*	6			BT-290	PC-191B				
KS	BT	291	PHILLIPS		1	BOYLE	1927	C	SE	SE	25	17	S	15	W	98.92678	38.53971	1979	3950	-1971	REA	4003	53	QT	*	7			BT-291	PC-111E,F			
KS	BT	292	HARMS BURT		3	MUELLER	1960	SE	SW	NE	1	18	S	11	W	98.4858	38.51546	1798	3494	-1696	ARB	3524	30	GR WASH		0							
KS	BT	293	MAGNOLIA		2	ROESLER	1941	S2	NE	NW	1	18	S	11	W	98.49158	38.51912	1804	3518	-1714	REA	3690	172	SC		8		CUTTINGS			POOR	SM	
KS	BT	294	B AND A		3	HAMILTON	1957	NE	NE	NW	10	18	S	11	W	98.52732	38.50648	1781	3876	-2095	ARB	3887	11	ALT BASALT	*	5			BT-294	PC-130B,C			
KS	BT	295	GULF		1	BLOOMER	1950	N2	SW	NE	12	18	S	11	W	98.48697	38.50275	1774	3783	-2009	REA	3800	17	RED SC	*	8			BT-295	PC-128B			
KS	BT	296	DERBY		5	KLEPPER	1950	SE	NW	SE	16	18	S	11	W	98.54144	38.48299	1796	3922	-2126	ARB	3923	1	GR		1							
KS	BT	297	CRANE HOFFINE		1	EVELEIGH	1927	C	SW	SW	6	18	S	12	W	98.69843	38.50896	1805	3828	-2023	REA	4390	562	QT,SC		7							
KS	BT	298	HERNDON	2A	MCCAULEY	1949	NW	SW	SW	6	18	S	13	W	98.8102	38.50973	1830	3660	-1830	ARB	3664	4	GR WASH		0								
KS	BT	299	SKELLY PACIFI		5	ROBISON	1955	SW	NW	SE	8	18	S	13	W	98.78268	38.4971	1818	3516	-1698	REA	3550	34	WEA GR		1							
KS	BT	300	CONTINENTAL		3	JILG	1950	SW	NE	NW	18	18	S	13	W	98.80557	38.48975	1861	3595	-1734	ARB	3748	153	QZ SC	*	8			BT-300	PC-119B			
KS	BT	301	ALPINE		4	BLANKENSH	1962	SW	SW	SW	20	18	S	13	W	98.79162	38.46434	1905	3710	-1805	ARB	3730	20	GR WASH		0		CUTTINGS			FAIR	SM	
KS	BT	302	ROXANA COOPE		1	EVELEIGH	1925	SE	SE	NE	22	18	S	13	W	98.73861	38.47172	1803	3600	-1797	REA	4460	860	QT,SC,GR		7		CUTTINGS			POOR	SM	
KS	BT	303	CONTIN PHILLI		5	MONROE	1950	NW	SE	SE	4	18	S	14	W	98.87003	38.50952	1940	3640	-1700	REA	3794	154	GR WASH		0		CUTTINGS			GOOD	SM	
KS	BT	304	CONTINENTAL		3	RIEDEL	1948	SE	NW	NE	4	18	S	14	W	98.87245	38.51852	1943	3653	-1710	ARB	3716	63	GR WASH		0		CUTTINGS			FAIR	SM	
KS	BT	305	TEXAS		4	HARPER	1944	SE	SE	NW	10	18	S	14	W	98.85854	38.50044	1940	3578	-1638	ARB	3608	30	QT	*	7		CUTTINGS	BT-305	PC-81	FAIR	SM	
KS	BT	306	CITIES SERVIC		1	EVELEIGH	1943	NE	NE	SE	11	18	S	14	W	98.83097	38.49857	1859	3311	-1452	PEN	3337	26	QT		7		CUTTINGS	BT-306		POOR	SM	
KS	BT	307	SHIRER		5	MCCAULEY	1962	SW	SE	NE	12	18	S	14	W	98.81479	38.50059	1866	3520	-1654	ARB	3551	31	GR WASH		0							
KS	BT	308	HANNUM		1	HABERMAN	1941	C	SW	8	18	S	15	W	99.00977	38.49658	1985	3553	-1568	REA	3555	2	GR		1								
KS	BT	309	HERNDON		1	SCHNEIDER	1936	C	NW	18	18	S	15	W	99.02811	38.48943	1971	3548	-1577	REA	3570	22	GR WASH/GR		1								
KS	BT	310	THREE G OIL		1	JILG	1966	SE	NW	NW	22	18	S	15	W	98.97405	38.47547	1929	3486	-1557	REA	3513	27	GR WASH		0							
KS	BT	311	SCHERMERHOR		1	HUNTER	1936	NE	NE	NE	29	18	S	15	W	98.99686	38.46291	1911	3558	-1647	ARB	3576	18	GR		1							
KS	BT	312	SCHERMERHOR		1	HAAS	1935	NW	NW	SE	30	18	S	15	W	99.0222	38.45585	1919	3580	-1661	REA	3647	67	GR		1		CUTTINGS			POOR	SM	
KS	BT	313	UNITED DRILLI		1	HAAS	1954	SW	SW	SE	30	18	S	15	W	99.02221	38.45038	1919	3492	-1573	REA	3498	6	GR		1							
KS	BT	314	LEBEN		1	OETKEN	1955	NE	NE	NW	30	18	S	15	W	99.02448	38.46315	1921	3537	-1616	REA	3560	23	GR WASH		0							
KS	BT	315	COPPINGER	2C	ARNOLD	1956	SE	SW	SE	32	18	S																					

[illegible]

KS	BT	399	SCHERMERHOR	1	JACKSON	1952	SE	SE	NE	28	20	S	13	W	98.75682	38.28361	1886	3599	-1711	PEN	3632	7	GR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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KS	BT	468	DRISCOLL LEAS	6	LUER-WEEK	1983 NE NW SW	18 16 S	13 W	98.80843	38.65871	1939	3680	-1651 ARB	3573	0 QT	7				
KS	BT	469	SHELL OIL	12	EHRlich	1983 NW SW NW	18 16 S	13 W	98.81079	38.66234	1922	3573	-1651 ARB	3573	0 QT	7				
KS	BT	470	AMBER OIL	7	PRUSA	1980 SW SW NE	20 16 S	13 W	98.78302	38.64603	1958	3370	-1412 LKC	3384	14 QT	7				
KS	BT	471	AMBER OIL	6A	PRUSA	1980 NW SW NE	20 16 S	13 W	98.783	38.64784	1955	3374	-1419 MAR	3375	1 QT	7				
KS	BT	472	AMBER OIL	8	PRUSA	1982 NE SW NE	20 16 S	13 W	98.7807	38.64783	1965	3401	-1436 MAR	3406	5 QT	7				
KS	BT	473	AMBER OIL	7A	PRUSA	1981 SW SW NE	20 16 S	13 W	98.78302	38.64603	1958	3370	-1412 LKC	3384	14 QT	7				
KS	BT	474	AMBER OIL	6	PRUSA	1980 NW SW NE	20 16 S	13 W	98.783	38.64784	1955	3374	-1419 MAR	3375	1 QT	7				
KS	BT	475	AMBER OIL	5	PRUSA	1980 SE SW NE	20 16 S	13 W	98.78072	38.64602	1967	3387	-1420 MAR	3393	6 QT	7				
KS	BT	476	AMBER OIL	5	PRUSA	1979 SE SW NE	20 16 S	13 W	98.78072	38.64602	1967	3387	-1420 MAR	3393	6 QT	7				
KS	BT	477	ALLEN DLG.	1	STOSKOPF	1979 NW NW NW	20 16 S	13 W	98.79222	38.65149	1961	3396	-1440 MAR	3404	8 QT	7				
KS	BT	478	AMBER OIL	9	PRUSA	1982 SW NW NE	20 16 S	13 W	98.78299	38.64965	1961	3396	-1435 LKC	3404	8 QT	7				
KS	BT	479	ALLEN DLG.	8	STOSKOPF	1980 NE SE NW	20 16 S	13 W	98.78532	38.64785	1952	3375	-1423 MAR	3412	37 QT	7				
KS	BT	480	ALLEN OIL	10	HARRINGTON	1983 SW SW SE	29 16 S	13 W	98.78344	38.62423	1937	3531	-1594 ARB	3585	54 QT/GR	7				
KS	BT	481	WILLSON OIL	3	TEMPLING	1983 SW SW SE	12 16 S	14 W	98.82011	38.66776	1891	3640	-1749 ARB	3675	35 QT	7				
KS	BT	482	PETX PET. COR	4	STOSKOFF	1983 NE SW SE	16 16 S	14 W	98.8731	38.65498	1940	3730	-1790 REA	3857	127 WEA GR/GR	1				
KS	BT	483	MURFIN DLG.	1	SPECK	1981 NW SE SE	7 17 S	14 W	98.90736	38.58212	1946	3610	-1664 REA	3640	30 QT	7				
KS	BT	485	ENERGY RES. G	10	MONROE	1983 NE NE SE	4 18 S	14 W	98.86773	38.51316	1913	3547	-1634 ARB	3661	114 QT CLEAR	7				
KS	BT	486	ENERGY RES. G	11	MONROE	1983 S2 N2 SE	4 18 S	14 W	98.87122	38.51132	1948	3592	-1644 ARB	3751	159 MI-SC	8				
KS	BT	488	F & M OIL CO	1	SCHNEIDER	1982 C SW NW	17 18 S	15 W	99.01206	38.48756	1965	3568	-1603 REA	3618	50 GR WASH	0				
KS	BT	489	BROUGHER OIL	1	BAHR	1982 SW NW SW	17 18 S	15 W	99.01319	38.48305	1953	3515	-1562 REA	3560	45 QT	7				
KS	BT	490	HARTMAN EST	9	PANNING	1980 W2 NW SW	35 19 S	12 W	98.62589	38.35305	1806	3664	-1858 REA	3809	145 GR WASH/GR	1				
KS	BT	491	B & R OIL	1	RUGAN	1978 NE NE SE	25 19 S	13 W	98.70145	38.36821	1833	3551	-1718 ARB	3610	59 GR WASH/GR	1				
KS	BT	492	MORGAN FLYNN	1	ESSMILLER	1937 SE SE NE	16 19 S	14 W	98.86759	38.39891	1904	3725	-1821 REA	3748	23 SC	8				
KS	BT	493	KELLY & ANGLE	1	WISSMAN	1981 SW SE NW	5 19 S	15 W	99.00854	38.42863	2036	3683	-1647 REA	3710	27 QT	7				
KS	BT	494	KELLY & ANGLE	1	MILLER	1981 NE NE SE	5 19 S	15 W	98.99699	38.42672	1998	3670	-1672 REA	3670	0 ARKOSE	9				
KS	BT	495	BROUGHER	1	MILLER	1980 C NE NE	5 19 S	15 W	98.9981	38.43302	1983	3615	-1632 REA	3617	2 GR	1				
KS	BT	496	ROBERT SHAW 1E	1	MILLER	1982 W2 SW NW	6 19 S	15 W	99.03148	38.42973	2045	3803	-1758 REA	3864	61 GR WASH	0				
KS	BT	497	CATT DLG	1	CAMPBELL	1979 NW SW SE	11 19 S	15 W	98.94868	38.40801	1962	3617	-1655 REA	3617	0 GR WASH	0				
KS	BT	498	FRONTIER OIL	1	BUTTON	1983 NE NE NW	23 19 S	15 W	98.95096	38.38994	1920	3593	-1673 REA	3665	72 QT	7				
KS	BT	499	DERRICK-AMER	1	BEAHM	1981 N2 NE SE	35 19 S	15 W	98.94221	38.3535	1935	3521	-1586 LKC	3563	42 QT	7				
KS	BT	500	DERRICK-AMER	2	EWING	1978 NE SW SW	36 19 S	15 W	98.93637	38.34988	1940	3610	-1670 MAR	3618	8 QT	7				
KS	BT	501	CHASE WELL SE	3	WILLIAMS	1983 C SW NE	1 20 S	11 W	98.48656	38.34191	1765	3788	-2023 ARB	3788	0 GR WASH	0				
KS	BT	502	GABLE OIL	3	ISERN	1979 C NW NE	12 20 S	11 W	98.48637	38.33104	1765	3849	-2084 ARB	3859	10 SC ?	8				
KS	BT	503	GRAYBOL	2	MURPHY	1953 NW SE NW	29 20 S	13 W	98.78685	38.28539	1894	3413	-1519 LKC	3420	7 GR	1				
KS	BT	504	BROUGHER OIL	1	MURRAY	1978 NE NE NW	31 20 S	13 W	98.80289	38.2746	1900	3364	-1464 LKC	3373	9 GR WASH	0				
KS	BT	505	BROUGHER OIL	2	MURRAY	1978 SE NE NW	31 20 S	13 W	98.80289	38.27279	1903	3400	-1497 LKC	3410	10 GR WASH	0				
KS	BT	506	NORTH AMERIC	2	WEATHERS	1981 NE NE SW	26 20 S	14 W	98.83966	38.28194	1901	4133	-2232 ARB	4156	23 GR WASH	0				
KS	BT	507	BOGER BROS.	2	ROBINSON	1984 SW NW NE	10 17 S	13 W	98.74635	38.59147	1908	3550	-1637 ARB	3550	0 GR	1				
KS	BT	509	MID-CONTINENT###	1	SCHROTT	1986 NE SW NE	29 18 S	15 W	99.0015	38.45934	1924	3550	-1626 LKC	3580	30 GR	1				
KS	BT	510	BROUGHER	1	HAMPEL	1986 SW NW NW	34 17 S	15 W	98.97643	38.53378	2007	3739	-1732 REA	3750	11 GR	1				
KS	BT	511	KAHAN LOUIS	7	E OESER	1979 SE NW SE	17 16 S	11 W	98.55932	38.65704	1846	3388	-1542 LKC	3392	4					
KS	BT	512	PETROLEUM MG	12	SOUTH OES	1984 NE SW SW	30 16 S	11 W	98.5863	38.62613	1925	3300	-1375 LKC	3320	20					
KS	BT	513	MCGUCKIN PHIL	2	HOLDER	1987 NW SE NE	13 16 S	12 W	98.59314	38.66235	1880	3382	-1502 ARB	3400	18					
KS	BT	514	RITCHIE A SCO	7	SCHNEWEIS	1984 NE SE NW	33 16 S	12 W	98.65585	38.61871	1886	3650	-1764 ARB	3656	6					
KS	BT	515	SHELL OIL	15	EHRlich	1984 SW NW NW	18 16 S	13 W	98.81081	38.66415	1922	3463	-1541 ARB	3522	59					
KS	BT	516	SHELL OIL	14	EHRlich /A	1983 NW NE NW	18 16 S	13 W	98.80614	38.66597	1933	3452	-1519 ARB	3511	59					
KS	BT	517	WINONA OIL &	1	UNRUH	1976 NE NW SW	7 20 S	15 W	99.0285	38.3256	2033	4295	-2262 ARB	4305	10					
KS	BT	518	K&E DRLG	3	OCHS	1988 SW SE NE	19 16 S	14 W	98.90746	38.64951	1939	3750	-1811 REA	3751	1					
KS	BT	519	HOLT IVAN WEL	3	STEINERT	1984 N2 SE SE	2 16 S	15 W	98.94242	38.68457	1947	3672	-1725 ARB	3700	28					
KS	BT	520	SAMSON RESOU	7	HARZMAN	1985 NE SE NW	33 17 S	11 W	98.54559	38.53183	1932	3494	-1562 ARB	3500	6					
KS	BT	521	D S & W WELL	4	LINSNER R	1984 NE SE SE	3 17 S	13 W	98.73945	38.59699	1925	3550	-1625 ARB	3575	25					
KS	BT	522	RAM RESOURCE	1	STROBEL ES	1988 SE SE NW	31 19 S	14 W	98.91348	38.35537	1910	3820	-1910 ARB	3835	15					
KS	BT	523	CONOCO		EBERLY		23 19 S	15 W	98.94969	38.38359				3430						
KS	BT	524	BOGER BROS	###	CURRY	1985 NW SW NW	35 19 S	15 W	98.95726	38.35729	1928	3680	-1752 ARB	3757	77 METASEDS	9				
KS	BT	525	AMERADA HESS	1	M F RUSSEL	1948 SE SE NW	24 19 S	15 W	98.93243	38.38441	1904	3651	-1747 ARB	3659	8					
KS	BT	526	FRONTIER OIL	2	EBERLY	1989 E2 SW SE	14 19 S	15 W	98.94638	38.3926	1918	3586	-1668 ARB	3590	4					
KS	BT	527	BOLDING GRAD	1	KRUCKENBEI	1985 NE SE NW	13 19 S	15 W	98.93256	38.4007	1921	3583	-1662 LKC	3600	17					
KS	BT	528	BRUCE LONNY	1	LAWRENCE	1985 SE SW NE	14 19 S	15 W	98.94639	38.40255	1952	3612	-1660 ARB	3640	28					
KS	BT	529	BROUGHER OIL	1	BIRD /A	1989 SE SW NW	21 19 S	15 W	98.99234	38.385	1946	3652	-1706 ARB	3690	38					
KS	BT	530	SOUTHERN STA	5	HERTER /B/	1977 NE NE SE	17 20 S	11 W	98.55444	38.31082	1776	3870	-2094 ARB	3871	1					
KS	BT	531	BROUGHER OIL C-1		WEATHERS	1986 N2 NW SW	29 20 S	13 W	98.79033	38.28178	1900	3440	-1540 LKC	3455	15					
KS	BT	532	AMERICAN WAR	11	ESFELD	1991 C SE NE	30 16 S	11 W			1896	3314	-1418 PEN	3345	31 METASED	9				
KS	BT	533	RUSSELL OIL	6	CARROLL	1990 SE NE SE	21 17 S	14 W			1870	3592	-1722 ARB	3617	25 GR WASH	0				
KS	BU	1	FANCHER	1	SMITH	1922 S2 NE SW	1 23 S	4 E	96.94337	38.07594	1464	3468	-2004 REA	3540	72 GR WASH/GR	0				
KS	BU	2	CITIES SERVIC	36	LATHROP	1950 SE SW NW	17 23 S	4 E	97.01997	38.051	1369	3131	-1762 REA	3213	82 SC	8				
KS	BU	3	CITIES SERVIC	37	LATHROP	1953 N2 SE NW	17 23 S	4 E	97.01656	38.05274	1372	3099	-1727 REA	3101	2 GR	1				
KS	BU	4	CRA	N 21	LATHROP	1950 NW NE NW	17 23 S	4 E	97.01772	38.0564	1372	3061	-1689 REA	3077	16 GR	1				
KS	BU	5	PHILLIPS	23	SCULLY	1950 SW SE NE	17 23 S	4 E	97.0086	38.05075	1393	3572	-2179 REA	3585	13 SC	8				
KS	BU	6	PHILLIPS	1	SCULLY	1953 NE NW SE	17 23 S	4 E	97.01088	38.04898	1368	3073	-1406 REA	3083	10 GR	1				

KS	BU	7	BELFORT FANC	1	SCOTT	1923	NE	NW	SE	10	23	S	5	E	96.86468	38.06308	1507	2406	RECEIVED	2607	207	GR	1									
KS	BU	8	CITIES SERVIC	1	CHURCH	1956	NW	SW	SE	13	23	S	5	E	96.83044	38.04502	1513	2182	-669	MAR	2574	392	GR	*	1	CUTTINGS	BU-8-1,2,	3	FAIR	MD		
KS	BU	9	ROXANA	1	LILLEY	1916	NE	NE	NW	14	23	S	5	E	96.85091	38.05582	1488	2312	-824	ARB	2500	188	RED	GR	1							
KS	BU	10	ADAIR	1	METHODIST	1949	E2	NE	NE	14	23	S	5	E	96.84178	38.05484	1513	2236	-723	MAR	2286	50	GR	*	1	CUTTINGS	BU-10		FAIR	MD		
KS	BU	11	ADAIR	1B	WHITE	1958	NE	NE	SE	15	23	S	5	E	96.86004	38.04859	1484	2210	-726	REA	2239	29	GR	*	1	CUTTINGS	BU-11		FAIR	SM		
KS	BU	12	ADAIR	2B	WHITE	1960	SW	SW	SE	15	23	S	5	E	96.86681	38.043	1478	2325	-847	REA	2341	16	GR	GN	*	6	CUTTINGS	BU-12-1,2		FAIR	SM	
KS	BU	13	ADAIR	1	LILLEY	1949	NE	NE	SW	15	23	S	5	E	96.86913	38.04842	1480	2340	-860	ARB	2424	84	GR	WASH/GR	*	1	CUTTINGS	BU-13-1,2		POOR	MD	
KS	BU	14	OUTTON GILPEP	1	HASSENTHA	1921	SE	SE	SW	16	23	S	5	E	96.88722	38.04283	1486	2653	-1167	ARB	2720	67	RED	GR	1							
KS	BU	15	MCCULLOUGH	1	LILLEY	1930	SW	NW	NW	23	23	S	5	E	96.85773	38.03949	1465	2235	-770	CHE	2320	85	GR	WASH/GR	*	1	CUTTINGS	BU-15		POOR	MD	
KS	BU	16	TRAPP SMITH	1	COVEY	1923	NE	NE	SW	24	23	S	5	E	96.8327	38.03405	1498	2228	-730	ARB	2395	167	GR	*	1	CUTTINGS	BU-16					
KS	BU	17	HALL	1	NOTZ	1966	C	NW	NW	24	23	S	5	E	96.83846	38.04047	1494	2166	-672	PEN	2216	50	GR	*	1							
KS	BU	18	ROXANA	1	COVEY	1917	SE	SW	NW	26	23	S	5	E	96.85545	38.02124	1446	2538	-1092	ARB	2609	71	GR	*	1	CUTTINGS	BU-18		POOR	MD		
KS	BU	19	PHILLIPS	1	WILSON	1922	NW	SW	SE	31	23	S	5	E	96.92183	38.00142	1471	3420	-1949	ARB	3442	22	GR	*	1							
KS	BU	20	RED	1A	WIEBE	1957	SW	SW	NW	30	23	S	6	E	96.82122	38.02123	1531	2214	-683	CHE	2235	21	GR	WASH	0							
KS	BU	21	BEDELL CATT	1B	MELLOR	1958	NE	NW	NW	12	24	S	3	E	97.05679	37.98433	1364	3465	-2101	REA	3525	60	SC	*	8	CUTTINGS	BU-21-1,2		FAIR	SM		
KS	BU	22	RAYMOND	2	CLASSEN	1958	SE	NE	NW	18	24	S	4	E	97.03397	37.96766	1327	3526	-2199	REA	3570	44	BIO-SC	*	8	CUTTINGS	BU-22		FAIR	SM		
KS	BU	23	REX MORRIS	1	ARTHUR	1951	E2	W2	NE	6	24	S	5	E	96.91956	37.99512	1474	3381	-1907	REA	3383	2	GR	*	1							
KS	BU	24	RAMSEY	1	RAMSEY	1930	SW	SW	NE	8	24	S	5	E	96.90348	37.97808	1483	3315	-1832	REA	3356	41	ARKOSE/GR	*	9	CUTTINGS	BU-24		POOR	MD		
KS	BU	25	WHITE EAGLE	1A	STONE	1929	NE	NW	SW	2	25	S	5	E	96.85533	37.90349	1338	3175	-1837	REA	3182	7	GR	*	1	CUTTINGS	BU-25		POOR	SM		
KS	BU	26	GYPSY	1	HEWITT	1918	NE	SE	SW	3	25	S	5	E	96.86899	37.89985	1362	3305	-1943	ARB	3395	90	GR	*	1							
KS	BU	27	MORRIS-WHORT	2	DAVIS	1967	NE	SW	NW	6	25	S	5	E	96.92851	37.90712	1428	3280	-1852	REA	3345	65	GR	*	1	CUTTINGS			FAIR	MD		
KS	BU	28	CITIES SERVIC	###	WILSON	1925	SW	SE	NW	8	25	S	5	E	96.90792	37.89083	1399	3035	-1638	ARB	3067	32	GR-GN	*	6	CUTTINGS			POOR	MD		
KS	BU	29	CITIES SERVIC	###	WILSON	1956	SE	SE	SE	8	25	S	5	E	96.89658	37.88367	1377	3077	-1700	REA	3150	73	GR	WASH/GR	1							
KS	BU	30	SACO	11	A DRAPER	1957	NE	SW	SW	27	25	S	5	E	96.87347	37.84192	1345	3357	-2012	ARB	3418	61	SC	*	8	CUTTINGS	BU-30-1,2		FAIR	SM		
KS	BU	31	CITIES SERVIC	3	ATKINS	1916	C	SE	NE	29	25	S	5	E	96.89754	37.84828	1393	3229	-1836	ARB	3675	446	SC	*	8	CUTTINGS (W)	BU-31	71070				
KS	BU	32	CITIES SERVIC	1	MURRAY	1917	C	NE	SE	30	25	S	5	E	96.91595	37.8448	1385	3273	-1888	ARB	3700	427	GR-GN	*	6	CUTTINGS (W)		71070				
KS	BU	33	CITIES SERVIC	###	MURRAY	1972	N2	NW	SW	30	25	S	5	E	96.9297	37.8456	1409	3232	-1823	REA	3260	28	GR	*	1	CUTTINGS			GOOD	MD		
KS	BU	34	EMPIRE	30	MURPHY	1916	SW	SE	NE	31	25	S	5	E	96.91705	37.83293	1387	3285	-1898	ARB	3375	90	BASIC IG	*	5							
KS	BU	35	CITIES SERVIC	1S	PIERPONT	1952	NE	NW	NW	33	25	S	5	E	96.89176	37.83832	1385	3076	-1691	ARB	3096	20	SC	*	8	CUTTINGS	BU-35		GOOD	MD		
KS	BU	36	GROSS	1	WILLIAMS	1948	NW	SW	NW	11	26	S	4	E	96.9698	37.80573	1372	2808	-1436	ARB	2824	16	GR	*	1	CUTTINGS	BU-36-1,2		FAIR	MD		
KS	BU	37	GYPSY	27	SHUMWAY	1918	NE	SW	NE	11	26	S	4	E	96.95839	37.80563	1393	2675	-1282	ARB	2715	40	GR	*	1							
KS	BU	38	GULF	58	SHUMWAY	1954	SW	SW	NE	11	26	S	4	E	96.96064	37.80382	1372	2618	-1246	ARB	2828	10	GR	*	1	CUTTINGS	BU-38		FAIR	SM		
KS	BU	39	UNION	15	DENNY	1918	C	SW	SE	12	26	S	4	E	96.94118	37.79736	1370	2805	-1435	ARB	2929	124	GR	*	1							
KS	BU	40	CITIES SERVIC	89	ENYART	1964	SE	NW	SW	12	26	S	4	E	96.94922	37.80008	1401	2626	-1225	REA	2749	123	GR	*	1	CUTTINGS	BU-40		FAIR	MD		
KS	BU	41	ALLISON	1	DAVIS	1958	NW	SE	SW	15	26	S	4	E	96.98309	37.78402	1289	3254	-1965	REA	3262	8	GR	*	1	CUTTINGS	BU-41		FAIR	SM		
KS	BU	42	MURFIN	6	GRAY	1955	SE	NW	NE	15	26	S	4	E	96.97633	37.79305	1337	3079	-1742	REA	3085	6	GR	*	1	CUTTINGS	BU-42		FAIR	MD		
KS	BU	43	BLANKENSHIP	1	PYLE	1928	C	SW	NE	22	26	S	4	E	96.97729	37.77573	1317	3427	-2110	REA	3438	11	BIO-GR	*	1	CUTTINGS (W)		1685				
KS	BU	44	CITIES SERVIC	###	KOOGLE	1961	N2	N2	NE	20	26	S	5	E	96.90283	37.77995	1327	3276	-1949	REA	3286	10	GR	WASH/GR	*	1	CUTTINGS (W)	BU-44	23375			
KS	BU	45	GREAT SOUTHEAS	4	DICKINSON	1950	NW	SE	NE	16	26	S	8	E	96.52914	37.79096	1379	3562	-2183	ARB	3575	13	GR-GN	*	6	CUTTINGS	BU-45		FAIR	SM		
KS	BU	46	L.PHILLIPS	15	DRUM INST	1971	NE	NW	NE	31	26	S	8	E	96.57596	37.75106	1577	3851	-2274	ARB	3874	23	GR	*	1	CUTTINGS	BU-46		GOOD	SM		
KS	BU	47	SITRIN(H AND	1B	BATES	1958	SE	SW	SW	10	27	S	4	E	96.98599	37.70933	1276	3175	-1899	ARB	3200	25	GR	WASH	0							
KS	BU	48	CARTER	1	WILSON	1917	C	NE	SW	16	27	S	4	E	97.00084	37.69942	1235	3564	-2328	REA	3645	81	GR	WASH	0							
KS	BU	49	BRUNSON-SPIN	1	WINZER	1959	NE	NE	NW	16	27	S	4	E	96.99967	37.7076	1235	3551	-2316	REA	3591	30	GR	*	1	CUTTINGS	BU-49		GOOD	SM		
KS	BU	50	CITIES SERVIC	4	RIERSON	1917	SW	NW	NE	14	28	S	4	E	96.9612	37.61848	1291	3375	-2084	ARB	3490	115	GR	WASH/GR	1							
KS	BU	51	KATHOL	3	SKAER	1967	E2	SE	NW	14	28	S	4	E	96.96349	37.61576	1310	3360	-2050	REA	3384	24	GR	*	1	CUTTINGS (W)		40122				
KS	BU	52	CITIES SERVIC	1	BROWN	1955	NE	NE	NE	16	28	S	4	E	96.99084	37.62039	1208	3251	-2043	REA	3273	22	GR	WASH/GR	1		CUTTINGS (W)		40108			
KS	BU	53	CITIES SERVIC	1	KIRKPATRICK	1956	NE	NW	SE	17	28	S	4	E	97.01376	37.61306	1202	2792	-1590	REA	2844	52	GR	WASH/GR	1							
KS	BU	54	CITIES SERVIC	31	VARNER	1918	SW	NE	NE	17	28	S	4	E	97.01149	37.61849	1253	2860	-1607	REA	3100	240	GR	*	1							
KS	BU	55	KATHOL	2	LOVE	1967	C	SW	SE	20	28	S	4	E	97.01494	37.59405	1252	3046	-1794	ARB	3080	34	GR	WASH/GR	1		CUTTINGS	BU-56		FAIR	SM	
KS	BU	56	HARTMAN DERB	1	NIBEL	1924	SE	SE	SE	22	29	S	3	E	97.08148	37.50572	1279	4025	-2746	ARB	4030	5	GR	*	1	CUTTINGS			POOR	SM		
KS	BU	57	BENEDUM TREE	1	HARTENBOW	1915	NW	NW	SE	5	29	S	4	E	97.01608	37.55489	1186	3110	-1924	ARB	3485	375	GR	*	1							
KS	BU	58	REX MORRIS	1	MANN	1953	SE	SW	SE	6	29	S	4	E	97.03173	37.5495	1284	3157	-1873	ARB	3172	15	GR	WASH/GR	*	1	CUTTINGS	BU-58		FAIR	SM	
KS	BU	59	SUN RANGE	1	GRABER	1973	NE	NW	SW	14	23	S	5	E	96.85548	38.0486	1481	2178	-697	MAR	2208	30	GR	WASH	0		CUTTINGS			FAIR	MD	
KS	BU	60	SUN RANGE	2A	NOELL	1973	NW	SE	NW	24	23	S	5	E	96.83499	38.03773	1492	2187	-695	MAR	2223	36	GR	*	1	CUTTINGS	BU-60		FAIR	MD		
KS	BU	61	SUN RANGE	1	BUSENITZ	1973	SW	NW	SW	30	23	S	6	E	96.82119	38.01758	1522	2346	-824	REA	2394	48	GR	WASH	0		CUTTINGS			GOOD	SM	
KS	BU	62	SUN RANGE	1	VESTRING	1																										

KS	BU	76	SUN RANGE	3	BUSENITZ	1976	NW	SW	NW	30	23	S	6	E	96.82123	38.02306	1527	22	RECORD MAR	2221	5	GR WASH	0		CUTTINGS (W)	A1397				
KS	BU	77	WILSON PROD.	8	RICETANNE	1981	NW	NE	SE	35	25	S	4	E	96.95366	37.83119	1374	2807	-1433	ARB	2860	53	GR WASH	0						
KS	BU	78	WHITE & ELLIS	3	AUER	1980	W2	NW	SE	3	25	S	5	E	96.86673	37.90258	1363	3230	-1867	REA	3246	16	QT ?	7		CUTTINGS (W)	A6712			
KS	BU	79	CITIES SERVIC	###	WILSON	1974	N2	NW	SE	8	25	S	5	E	96.90224	37.88905	1392	3141	-1749	REA	3164	23	GR WASH/GR	1		CUTTINGS (W)	70779			
KS	BU	80	WHITE & ELLIS	2	CORYELL	1980	W2	NW	SE	15	25	S	5	E	96.86665	37.87355	1326	3337	-2011	REA	3356	19	QT ?	7		CUTTINGS (W)	A9315			
KS	BU	81	CARTER OIL	1	ATKINS	1917	SW	SE	NE	22	25	S	5	E	96.8621	37.86174	1303	3280	-1977	ARB	3302	22	GR	1						
KS	BU	82	MIDIAN LEASE	5	SIGMAN	1978	S2	SW	NE	8	26	S	5	E	96.90527	37.80373	1362	2968	-1606	REA	3000	32	GR WASH/GR	1						
KS	BU	83	MIDWEST	3	BOYER	1979	SW	NE	SE	8	26	S	5	E	96.90179	37.80006	1365	2960	-1595	REA	2986	26	GR	1		CUTTINGS (W)	J6395			
KS	BU	84	4 & 7 LEASE	3	STOWERS	1979	C	NW	NE	18	26	S	5	E	96.92334	37.79368	1350	2871	-1521	ARB	2887	16	GR	1						
KS	BU	85	BURTON OIL	1	SLUSS	1980	NE	SE	SE	26	26	S	5	E	96.84444	37.75455	1344	3964	-2620	REA	3975	11	GR	1						
KS	BU	86	SACO	21	DRUM	1979	SW	NW	NW	29	26	S	8	E	96.56122	37.76376	1562	3853	-2291	REA	3861	8	GR WASH/GR	1						
KS	BU	87	KGS	2	ALTHOUSE					2	25	S	5	E	96.84959	37.90441										CUTTINGS				
KS	BU	88	RANGE OIL	5	CHURCH	1985	E2	SE	SE	13	23	S	5	E	96.82359	38.04416	1497	2179	-682	REA	2181	2	GR WASH	0		CUTTINGS	FAIR	MD		
KS	BU	89	RANGE OIL	2B	STRAIT	1986	S2	NE	NE	25	23	S	5	E	96.82469	38.02488	1517	2216	-699	REA	2221	5	GR	1		CUTTINGS	GOOD	MD		
KS	BU	90	SUN RANGE	2A	NOELL	1973	NW	SE	NW	24	23	S	5	E	96.83499	38.03773	1492	2187	-695	MAR	2223	36	GR WASH	0						
KS	BU	91	OXY USA	116D	PAULSON A	1992	SE	NE	SE	2	26	S	4	E	96.95393	37.81474	1393	2751	-1358	REA	2765	14	GR	1		CUTTINGS (W)	B0690	POOR	SM	
KS	BU	92	OXY USA	1	ORBAN B	1989	SW	SE	NW	11	26	S	4	E	96.96519	37.80386	1382	2706	-1324	ARB	2733	27				CUTTINGS	C7361	FAIR	SM	
KS	BU	93	ALLISON JIM A	9	HARTER	1980	C	SW	NE	16	29	S	4	E	96.99677	37.52867	1214	3391	-2177	ARB	3415	24								
KS	CK	1	ACKERD	1	HARLEY		SE	SE	NE	30	31	S	22	E	95.03238	37.31908	860	1845	-985	LAM	1862	17	GR	*	1	CUTTINGS	CK-1	POOR	MD	
KS	CK	2	MC MILLAN	1	CLARK		NE	SE	SE	13	33	S	21	E	95.0509	37.16754	813	1906	-1093	LAM	1927	21	ARKOSE	*	9	CUTTINGS	CK-2-1,2	POOR	MD	
KS	CK	3	CITY OF COLUM	4	FEE	1919	C	NE	NW	13	33	S	23	E	94.84277	37.1765	901	1771	-870	LAM	1783	12	RED GR	*	1	CUTTINGS	CK-3-1,2	POOR	SM	
KS	CK	4	GLOWER	1	FORKNER	1939	NW	SE	NE	17	33	S	23	E	94.90747	37.17393	895	1857	-962	LAM	1862	5	GR	*	1	CUTTINGS		POOR	SM	
KS	CK	5	EAGLE-PICHER	1	KANSAS EX	1962	SE	NE	NE	12	35	S	23	E	94.83242	37.01388	863	1948	-1095	LAM	2053	105	SC	*	8	CORE?	CK-5-1,2,3,4			
KS	CK	6	EAGLE-PICHER	1	WEBBER	1963	E2	E2	SE	12	35	S	23	E	94.83243	37.00569	861	1656	-795	LAM	1671	15	RHYOLITE	*	2	POWDER	CK-6-1,2,	3	SM	
KS	CK	7	EAGLE-PICHER	1	WILBUR	1963	E2	NE	NE	14	35	S	23	E	94.85062	37.00021	835	1790	-955	LAM	1880	90	ANDESITE	*	3	POWDER	CK-7-1,2		SM	
KS	CK	8	EAGLE-PICHER	1	BRAND	1962	S2	S2	NW	11	35	S	23	E	94.86309	37.01033	833	1708	-875	LAM	1838	130	BASALT	*	5	CUTTINGS	CK-8-1,2,	3	FAIR	MD
KS	CK	9	NANOLTEX	1	KING	1985				4	35	S	22	E	95.00397	37.0247					1462					CUTTINGS/CORE		GOOD	LG	
KS	CL	1	TEXACO	4	GOODRICH	1962	NW	SW	SE	21	31	S	4	E	96.99594	37.33472	1211	4187	-2976	ARB	4188	1	GR	*	1	CUTTINGS	CL-1-1,2	FAIR	MD	
KS	CL	2	GARDEN	1	TONKINSON	1945	NE	SW	NW	28	31	S	4	E	97.00266	37.32744	1198	4270	-3072	ARB	4282	12	GR	*	1					
KS	CL	3	DORIC	1	SMITH	1926	NW	SE	NW	18	33	S	7	E	96.70972	37.18238	1190	4005	-2815	ARB	4017	12	GR	*	1	CUTTINGS	CL-3	POOR	SM	
KS	CL	4	PHILLIPS	1	ECKHART	1924		C	SW	9	35	S	6	E	96.78132	37.01586	1267	4545	-3278	LAM	4547	2	GR	*	1					
KS	CL	5	MARTIN OIL	3	MARICLE	1980	S2	SE	NW	10	33	S	3	E	97.08817	37.19519	1160	4520	-3360	ARB	4660	140	GR	*	1					
KS	CL	6	MARTEC PET.	4	GORDON	1983	NW	NW	SE	12	33	S	6	E	96.72314	37.1931	1178	4048	-2870	REA	4175	127	GR	*	1					
KS	CL	7	CAMIO OIL	1	YARBROUG	1991	NW	SE	SW	16	30	S	7	E	96.67178	37.43489	1539	4070	-2531	ARB	4095	25				CUTTINGS (W)	C8905			
KS	CL	8	LLOYD-FROST &	4	CARSON	1938	S2	NW	SE	33	31	S	3	E	97.10333	37.30761	1180	4037	-2857	ARB	4050	13								
KS	CL	9	GERBER ENER	5	PAYNE	1984	W2	NW	NW	19	32	S	5	E	96.93219	37.25721	1258	4383	-3125	ARB	4414	31								
KS	CL	10	PENDULUM PET	1SW	TARABA	1985	SW	SW	NE	24	33	S	6	E	96.7229	37.16595	1214	3969	-2755		4050	81								
KS	CL	11	DUNCAN PET &	2	JACQUES	1978		C	SWL	31	34	S	7	E	96.70982	37.04521	1240	4288	-3048	ARB	4388	100								
KS	CN	1	BRACK	1B	JUDY	1951	SE	SE	NW	26	1	S	39	W	101.6648	39.93865	3117	5140	-2023	REA	5142	2	GR	*	1		CN-1			
KS	CN	2	DEEP ROCK	1	CLARK	1952	SW	SW	SW	23	1	S	42	W	102.01	39.946	3456	5565	-2109	REA	5632	67	GR WASH	*	0					
KS	CN	3	PHILLIPS	1	ST FRANCIS	1958	W2	NW	SE	15	4	S	39	W	101.6823	39.70404	3495	5508	-2013	REA	5514	6	GR	*	1	CUTTINGS	CN-3	FAIR	MD	
KS	CN	4	C.S.O.	1	RAILE	1979	NW	NW	SW	24	2	S	42	W	101.9913	39.86438	3699	5783	-2084	REA	5803	20	GR WASH/GR	*	1					
KS	CN	5	MURFIN RES.	1	LAUBDIN		C	SW	SW	34	4	S	42	W	102.0285	39.65672	3518	5170	-1652	ARB	5250	80	QT	*	7	CUTTINGS		FAIR	MD	
KS	CN	6	COASTAL OIL		PANNBACKER		C	SW	SE	30	2	S	37	W	101.5104	39.84566	3413	5440	-2027	REA	5400	0	GR	*	1					
KS	CN	7	GOLDEN EAGLE	###	CHRISTENS	1989	SE	SE	SE	3	1	S	38	W	101.5617	39.98921	3031	5130	-2101		5130									
KS	CQ	1	WHITEMAN	1	STEWART	1968	NW	NW	SE	18	32	S	10	E	96.35239	37.2647	1061	2558	-1497	ARB	2581	23	RHYOLITE	*	2	CUTTINGS	CQ-1	GOOD	MD	
KS	CQ	2	ELCO	1B	MCALISTER	1970	NW	SW	NE	28	32	S	10	E	96.31622	37.23895	1093	2371	-1278	ARB	2506	135	RHYOLITE	*	2	CUTTINGS	CQ-2	FAIR	SM	
KS	CQ	3	HOME	1	BLECHA	1956	NE	SE	SE	5	32	S	13	E	96.00171	37.28788	993	2645	-1652	ARB	2646	1	GR	*	1					
KS	CQ	4	KINGLEY	1	KOCHER		C	NE	SE	34	33	S	12	E	96.07503	37.13153	804	2794	-1990	LAM	2807	13	GR WASH/GR	*	1					
KS	CQ	5	SINCLAR PRAIR	9	BROWN	1925	SE	SW	NW	26	34	S	11	E	96.17789	37.06253	1050	3085	-2035	LAM	3200	115	RHYOLITE	*	2	CUTTINGS	CQ-5-2	POOR	SM	
KS	CQ	6	MC KENZIE	1	CARRA	1965	NE	NE	NW	27	34	S	13	E	95.97447	37.06654	744	2803	-2059	LAM	2808	5	RHYOLITE	*	2	CUTTINGS	CQ-6	FAIR	SM	
KS	CQ	7	MASEK OIL	14	THOMPSON	1982	C	SW	SW	26	34	S	8	E	96.50494	37.05764	937	3629	-2692	REA	3730	101	GR	*	1					
KS	CR	1	LASALLE	1	GOBL	1939	SE	SE	NW	20	28	S	25	E	94.69657	37.59469	913	1842	-929	LAM	1862	20	RED GR	*	1		CR-1			
KS	CS	1	NATIONAL REFI	1	SOUTHWOR	1920	SE	SE	NW	5	18	S	6	E	96.79251	38.51607	1490	2515	-1025	ARB	2523	8	GR	*	1					
KS	CS	2	FEDERAL	1	WHITNEY	1920	NW	NW	SW	15	18	S	6	E	96.76255	38.48508	1484	2424	-940	ARB	2435	11	GR	*	1	CUTTINGS	CS-2	POOR	SM	
KS	CS	3	NATIONAL REFI	1	CASE	1920	NE	NE	SW	19	18	S	6	E	96.81123	38.47086	1429	2391	-962	REA	2401	10	RED GR	*	1	CUTTINGS		POOR	SM	
KS	CS	4	PRESTON PASE	2	LIPPS	1920	SW	SW	SE	25	18	S	6	E	96.71672	38.4504	1416	2030	-614	ARB	2093	63	GR	*	1	CUTTINGS	CS-4	POOR	SM	
KS	CS	5	URSCHHEL	1	LIPPS	1930	NE	NE	SE	27	18	S	6	E	96.74662	38.45605	1472	2285	-813	ARB	2342	57	GR	*	1	CUTTINGS	CS-5	POOR	MD	
KS	CS	6	BAKER	1	ANDERSON	1927	NE	NE	SW	4	18	S	7	E	96.6															

KS	CS	17	PRAIRIE	1	MCLINDEN	1920 NW SW NE	25	20 S	5 E	96.82703	38.28576	1320 30864	REG#4008 LAM	3060	40 GR	*	1		CUTTINGS CS-17		POOR	MD
KS	CS	18	MARTIN	1	WINSOR	1952 SW SW NW	2	20 S	6 E	96.74443	38.34182	1413 2530 -1117	LAM	53	#### GR	*	1		CUTTINGS CS-18		GOOD	SM
KS	CS	19	AMERADA	1	LOSTUTTER	1949 NE NE NE	1	20 S	7 E	96.59904	38.34705	1425 2810 -1385	LAM	2825	15 GR	*	1		CUTTINGS CS-19		FAIR	SM
KS	CS	20	WICHITA NATUR	1	KAUFMAN	1917 C NW NE	2	20 S	7 E	96.62337	38.34624	1409 1873 -464	CHE	3055	1182 GR	*	1		CUTTINGS CS-20		POOR	MD
KS	CS	21	FORRESTER	1	PRATHER	1921 S2 SE NE	7	20 S	7 E	96.69263	38.32736	1211 1945 -734	ARB	1948	3 GR	*	1					
KS	CS	22	STANOLIND	1	RONIGER	1955 SW SW NE	10	20 S	7 E	96.643	38.32722	1389 1917 -528	CHE	1942	25 WEA GR	*	1		CUTTINGS (W)	35394		
KS	CS	23	ALADDIN	1	DRUMMOND	1942 SE SE SW	15	20 S	7 E	96.64537	38.3054	1479 2345 -866	LAM	2409	64 WEA GR	*	1		CUTTINGS CS-23		POOR	SM
KS	CS	25	STANOLIND	1	FINLEY	1955 SW SW NE	20	20 S	7 E	96.67991	38.29828	1316 1752 -436	CHE	1774	22 GR	*	1		CUTTINGS CS-25		FAIR	SM
KS	CS	26	STRICKLER	1	HARSHMAN	1946 NE NW SE	29	20 S	7 E	96.67763	38.28189	1428 1906 -478	CHE	1935	29 GR	*	1		CUTTINGS (W)-S-26	A5993		
KS	CS	27	CONTINENTAL	1	BERNS	1966 SE NW SE	24	21 S	6 E	96.71793	38.2071	1444 3628 -2184	ARB	3633	5 GR	*	1					
KS	CS	28	CONTINENTAL	1	TRUSSELL	1966 NE NE SE	25	21 S	6 E	96.71336	38.19443	1419 3870 -2451	ARB	3900	30 GR	*	1					
KS	CS	29	PHILLIPS	1	HUGHES	1924 SW SW SE	15	22 S	9 E	96.40182	38.13022	1512 3632 -2120	REA	3675	43 GR	*	1					
KS	CS	30	SUN RANGE	1	STAUFFER	1976 C NE NW	2	20 S	7 E	96.62799	38.34627	1386 1852 -466	CHE	1901	49 GR	*	1		CUTTINGS CS-30		GOOD	MD
KS	CS	32	BENSON MINER	1	KISSEL	1977 C SE NE	29	19 S	7 E	96.67394	38.37181	1274 1730 -456	MAR	1752	22 GR	*	1		CUTTINGS (W)	H9612		
KS	CS	33	BENSON MINER	1	BOWER	1977 C NE NE	2	20 S	7 E	96.61873	38.3462	1339 1854 -515	MAR	1882	28 GR	*	1		CUTTINGS (W)	J8649		
KS	CS	34	BENSON MIN.	1	MORRISON	1978 C SE SE	7	19 S	7 E	96.69248	38.40826	1289 1923 -634	ARB	1950	27 GR WASH	*	0		CUTTINGS (W)	J6473		
KS	CS	35	CSO	1	STRAT	0 SE NE SE	19	19 S	7 E	96.69128	38.38177	1329 1920 -591		0	#### GR WASH/GR	*	1		CUTTINGS (W)	13992		
KS	CS	36	ELMDALE LEASE	4	STAUFFER	1978 NW SE SE	34	19 S	7 E	96.6384	38.35085	1355 1831 -476	CHE	1841	10 GR	*	1					
KS	CS	37	ELMDALE LEASE	3	STAUFFER	1978 NW SE NW	35	19 S	7 E	96.62908	38.35804	1364 1833 -469	CHE	1845	12 GR	*	1					
KS	CS	38	ELMDALE	2	STAUFFER	1979 SE NW SE	35	19 S	7 E	96.62218	38.35258	1379 1842 -463	CHE	1855	13 GR	*	1					
KS	CS	39	ELMDALE	1	STAUFFER	1979 NW SE NW	2	20 S	7 E	96.62914	38.34354	1379 1889 -510	REA	1899	10 GR	*	1					
KS	CS	40	CONOCO INC	1	STARKEY EL	1986 C NE NE	36	19 S	8 E	96.4667	38.36019	1226 3464 -2238	ARB	3515	51 GR	*	1		CUTTINGS/CSS-40	37213	GOOD	SM
KS	CS	41	ALPAR RES.	###	LIPPS	1994 W2 W2 W2	25	18 S	6 E	96.72591	38.45677	1390 2058 -668	ARB	2262	4 GR	*	1					
KS	CS	31.2	VICKERS PET	1	NICKOL	1926 SW SW NW	16	20 S	7 E	96.67073	38.3128	1377 1885 -508	CHE	1990	105 GN	*	6		CUTTINGS CS-24		FAIR	MD
KS	CY	1	DIETER	1	LIPPERT	1951 SW NE NE	28	6 S	4 E	96.98111	39.50746	1245 2803 -1558	SIM	2829	26 SC/GR	*	8					
KS	CY	2	KEWANEE	1	BLOOM	1959 NW NW SE	14	7 S	2 E	97.17224	39.44368	1225 3214 -1989	ARB	3230	16 GR WASH	*	0		CUTTINGS CY-2		FAIR	SM
KS	CY	3	EL CAPITAN	1	CRAWFORD	1949 SE SE SW	1	7 S	3 E	97.04439	39.46749	1411 3162 -1751	ARB	3255	93 DIABASE	*	4		CUTTINGS CY-3		FAIR	SM
KS	CY	4	DIETER	1	ZAISS	1972 SW NW SW	19	8 S	4 E	97.03372	39.34105	1292 2996 -1704	ARB	3011	15 QT	*	7		CUTTINGS CY-4		GOOD	SM
KS	CY	5	NELSON	1	YARROW	1921 SW SW SW	29	9 S	4 E	97.01637	39.23564	1149 2662 -1513	SIM	2876	214 FELSITE	*	2		CY-5			
KS	CY	6	DERBY	1	GASTON	1957 SW SW NE	33	9 S	4 E	96.98837	39.22846	1140 2710 -1570	LAM	2795	85 DIABASE	*	4		CUTTINGS CY-6		POOR	SM
KS	CY	7	KEWANEE	1	CLAY	1959 NW NW NE	27	10 S	3 E	97.08102	39.16111	1286 3030 -1744	ARB	3079	49 DIABASE	*	4		CUTTINGS CY-7		FAIR	SM
KS	CY	8	BARNETT	1	GERARDY	1975 SW SW SW	16	7 S	3 E	97.10742	39.43827	1277 3156 -1879	ARB	3190	34 GABBRO	*	4		CUTTINGS CY-8-1,2		GOOD	LG
KS	CY	9	WAKEFIELD	1	CHESTNUT	1982 NE NE SW	19	8 S	3 E	97.13808	39.34321	1272 3180 -1908	ARB	3200	20 MAFIC	*	4		CY-9			
KS	CY	10	WAKEFIELD	1	CHESTNUT	1983 NE NE SW	19	8 S	3 E	97.13808	39.34321	1272 3172 -1900	ARB	3200	28 GAB	*	4					
KS	CY	11	KGS				16	7 S	3 E	97.09935	39.44458			5608					CUTTINGS			
KS	CY	12	KEWANEE OIL	1	LONGFORD	1959 SW SW SW	20	10 S	1 E	97.35155	39.16239	1349 3640 -2291	ARB	3664	24							
KS	DC	1	SAUVAGE	1	KILZER	1969 W2 SW SE	3	1 S	26 W	100.2236	39.98862	2506 3599 -1093	PEN	3605	6 GR WASH	*	0					
KS	DC	2	SAUVAGE	3	KILZER	1970 C SE SE	3	1 S	26 W	100.2177	39.98859	2517 3652 -1135	MAR	3658	6 GR WASH	*	0					
KS	DC	3	ABERCROMBIE	1	SUMNER	1969 C NE NW	4	1 S	26 W	100.246	39.99979	2547 3616 -1069	PEN	3640	24 GR WASH	*	0					
KS	DC	4	ABERCROMBIE	1C	SUMNER	1972 C SW SE	4	1 S	26 W	100.2412	39.98872	2506 3590 -1804	MAR	3597	7 GR WASH	*	0					
KS	DC	5	ABERCROMBIE	2	SUMNER	1971 C SW NW	4	1 S	26 W	100.2507	39.99612	2544 3617 -1073	MAR	3627	10 GR WASH	*	0					
KS	DC	6	ABERCROMBIE	2B	SUMNER	1971 C SE SW	4	1 S	26 W	100.2459	39.98875	2486 3557 -1071	MAR	3561	4 GR WASH	*	0					
KS	DC	7	ABERCROMBIE	2C	SUMNER	1972 C NW SE	4	1 S	26 W	100.2412	39.99241	2514 3588 -1074	MAR	3605	17 GR WASH	*	0					
KS	DC	8	PLATTEVALLEY	1	BLEES	1970 C NE SE	5	1 S	26 W	100.2554	39.99249	2524 3590 -1066	MAR	3596	6 GR WASH	*	0					
KS	DC	9	PLATTEVALLEY	2	BLEES	1971 C SW SE	5	1 S	26 W	100.2601	39.98888	2500 3566 -1066	MAR	3572	6 GR WASH	*	0					
KS	DC	10	PLATTEVALLEY	1	DAFFER	1970 C SE NE	5	1 S	26 W	100.2554	39.99614	2529 3614 -1085	REA	3627	13 GR WASH/GR	*	1					
KS	DC	11	PLATTEVALLEY	2	DAFFER	1971 C NE NE	5	1 S	26 W	100.2554	39.99979	2547 3630 -1083	MAR	3640	10 GR WASH	*	0					
KS	DC	12	PLATTEVALLEY	3	DAFFER	1971 C SW NE	5	1 S	26 W	100.2601	39.99618	2517 3600 -1083	MAR	3611	11 GR WASH	*	0					
KS	DC	13	MIDWEST & ABE	1	L. BLEES	1969 C SE SE	5	1 S	26 W	100.2554	39.98883	2505 3580 -1075	REA	3611	31 GR WASH	*	0					
KS	DC	14	ABERCROMBIE	1	BLEES	1969 C NE NE	8	1 S	26 W	100.2554	39.98519	2501 3572 -1071	REA	3598	26 GR WASH	*	0					
KS	DC	15	ABERCROMBIE	2	BLEES	1969 C NW NE	8	1 S	26 W	100.2601	39.98525	2494 3565 -1071	REA	3571	6 GR WASH	*	0					
KS	DC	16	ABERCROMBIE	2B	HUFF	1969 C SW NE	8	1 S	26 W	100.2601	39.98162	2485 3565 -1080	REA	3574	9 GR WASH	*	0					
KS	DC	17	ABERCROMBIE	3B	HUFF	1969 C NE SE	8	1 S	26 W	100.2555	39.97794	2460 3540 -1080	MAR	3560	20 GR WASH	*	0					
KS	DC	18	ABERCROMBIE	5B	HUFF	1970 C SW SE	8	1 S	26 W	100.2602	39.97438	2413 3483 -1070	MAR	3492	9 GR WASH	*	0					
KS	DC	19	KIDD	1	HUFF	1964 C SE SE	8	1 S	26 W	100.2555	39.97431	2407 3490 -1083	PEN	3530	40 GR WASH/GR	*	1					
KS	DC	20	ABERCROMBIE	3A	HUFF	1970 C NE NW	9	1 S	26 W	100.2459	39.98511	2492 3566 -1074	MAR	3595	29 GR WASH	*	0		CUTTINGS		FAIR	SM
KS	DC	21	ROSEN	1	HUFF	1971 C NW NE	9	1 S	26 W	100.2412	39.98506	2496 3591 -1095	MAR	3600	9 GR WASH	*	0					
KS	DC	22	AYLWARD	1	HUFF	1968 NE NE NW	10	1 S	26 W	100.2259	39.98586	2486 3575 -1089	REA	3577	2 GR WASH	*	0					
KS	DC	23	SAUVAGE	1	HUFF	1968 NW NW NE	10	1 S	26 W	100.2236	39.98585	2496 3580 -1084	MAR	3624	44 GR WASH/GR	*	1					
KS	DC	24	SAUVAGE	2	HUFF	1968 SE NW NE	10	1 S	26 W	100.2213	39.98404	2486 3572 -1086	REA	3580	8 GR WASH	*	0					
KS	DC	25	WALKER	1	HUFF	1962 C NE SE	10	1 S	26 W	100.2178	39.97773	2493 3591 -1098	PEN	3618	27 GR WASH/GR	*	1		CUTTINGS DC-25		FAIR	MD
KS	DC	26	SAUVAGE	1	COZAD	1962 C NW SE	11	1 S	26 W	100.2037	39.97778	2448 3582 -1134	PEN	3612	30 GR WASH/GR	*	1					
KS	DC	27	CHEM AND TEC	1	KNUTSON	1962 C SE NW	11	1 S	26 W	100.2084	39.98136	2477 3606 -1129	PEN	3631	25 GR WASH/GR	*	1					
KS	DC	29	WALKER	1	KNUTSON	1963 E2 SW NW	11	1 S	26 W	100.2119	39.98134	2488 3605 -1117	REA	3606	1 GR	*	0					
KS	DC	30	SAUVAGE	1	LAWSON	1961 C NE SW	11	1 S	26 W	100.2084	39.97775	2476 3608 -1132	REA	3617	9 GR	*	0					
KS	DC	31	SAUVAGE	2	LAWSON	1961 C SE SW	11	1 S	26 W	100.2084	39.97414	2449 3578 -1129	REA	3587	9 GR	*	0					
KS	DC	32	GULF	1	HUFF	1963 C SW NW	16	1 S	26 W	100.2509	39.96696	2417 3516 -1099	PEN	3527	11 GR	*	0					
KS	DC	33	SLAWSON	1B	HUFF	1969 C SE SW	16	1 S	26 W	100.2463	39.95966	2398 3474 -1076	MAR	3500	26 GR WASH/GR	*	1					
KS	DC	34	MURFIN AINSWO	1	BREMMER	1962 NW NW NW	18	1 S	26 W	100.2888	39.97184	2500 3599	pad#0									

KS	DC	35	EMPIRE	1	WIGGINS	1970 C	NW NE	19	1 S	26 W	100.2789	39.9564	2414	3486	-1079 MAR	3522	25 GR WASH	0		CUTTINGS		FAIR	SM
KS	DC	36	OKMAR	1	HOOVER	1970 NW	NW NW	20	1 S	26 W	100.271	39.95725	2449	3528	-1079 MAR	3551	23 GR WASH	0					
KS	DC	37	ABERCROMBIE	1C	HUFF	1970 C	NW NW	21	1 S	26 W	100.2511	39.95602	2443	3514	-1071 MAR	3522	8 GR WASH	0					
KS	DC	38	ABERCROMBIE	2C	HUFF	1970 C	SW NW	21	1 S	26 W	100.2511	39.95241	2486	3560	-1074 MAR	3573	13 GR WASH	0					
KS	DC	39	EMPIRE	1	KELLY	1961 C	SV SW	21	1 S	26 W	100.2511	39.94518	2506	3570	-1064 PEN	3580	10 GR WASH/GR *	1		DC-39	PC-199		
KS	DC	40	ABERCROMBIE	1	MAPES	1972 E2	SE NW	22	1 S	26 W	100.2264	39.95239	2468	3572	-1104 MAR	3578	6 GR WASH	0					
KS	DC	41	ABERCROMBIE	2	MAPES	1972 N2	N2 SW	22	1 S	26 W	100.2299	39.94965	2449	3549	-1100 MAR	3560	11 GR WASH	0					
KS	DC	42	ABERCROMBIE	1	RICHARDS	1972 C	NE NW	22	1 S	26 W	100.2275	39.95603	2459	3557	-1098 MAR	3565	8 GR WASH	0					
KS	DC	43	SAUVAGE	1	MIZELL	1962 SW	SW NW	25	1 S	26 W	100.1959	39.93694	2518	3747	-1229 PEN	3769	22 GR WASH/GR	1					
KS	DC	44	FARMER	1	MAPES	1972 C	SW SW	27	1 S	26 W	100.2324	39.93068	2509	3620	-1111 MAR	3632	12 GR	1					
KS	DC	45	ABERCROMBIE	1	CHAMBERS	1971 SW	SW SE	29	1 S	26 W	100.2619	39.93001	2520	3601	-1081 MAR	3611	10 GR WASH	0					
KS	DC	46	ABERCROMBIE	2	CHAMBERS	1972 NW	SE SW	29	1 S	26 W	100.2666	39.93188	2574	3657	-1083 MAR	3670	13 GR WASH	0					
KS	DC	47	ABERCROMBIE	3	CHAMBERS	1972 NE	NE SW	29	1 S	26 W	100.2642	39.93546	2558	3646	-1088 MAR	3658	12 GR WASH	0					
KS	DC	48	STANOLIND	1	MCCUE	1943 NW	NW SE	29	1 S	26 W	100.2618	39.93542	2554	3632	-1078 MAR	3643	11 GR	1					
KS	DC	49	SLAWSON	1A	KELLEY	1969 C	NE SE	31	1 S	26 W	100.2748	39.92032	2568	3672	-1104 PEN	3688	16 GR WASH/GR	1					
KS	DC	50	ABERCROMBIE	1	BRUNK	1972 N2	NW NE	32	1 S	26 W	100.2607	39.92819	2480	3564	-1084 MAR	3577	13 GR WASH	0					
KS	DC	51	LEBEN	1	CARTER	1970 C	SW SE	33	1 S	26 W	100.2421	39.91631	2488	3646	-1158 ARB	3665	19 GR WASH	0					
KS	DC	52	WOODMAN IANN	1	VAN GUNDY	1961 C	SE SW	36	1 S	26 W	100.1903	39.91615	2514	3763	-1249 ARB	3773	10 GR WASH/GR	1					
KS	DC	53	HANSEN	1	SATER	1956 SW	SW NW	1	1 S	27 W	100.3074	39.99555	2573	3605	-1032 CHE	3617	12 GR	1					
KS	DC	54	HANSEN	2	SATER	1956 NW	NW SW	1	1 S	27 W	100.3074	39.99378	2567	3584	-1017 CHE	3600	16 WEA GR	1					
KS	DC	55	HANSEN	5	SATER	1956 SE	SW SW	1	1 S	27 W	100.3051	39.98842	2542	3634	-1092 CHE	3650	16 GR WASH	0					
KS	DC	56	SAUVAGE DUNN	1	KILZER	1957 SW	SW NW	2	1 S	27 W	100.3263	39.99553	2584	3614	-1030 CHE	3639	25 GR WASH	0					
KS	DC	57	SAUVAGE	2	KILZER	1962 C	NW NE	2	1 S	27 W	100.3156	39.99997	2605	3674	-1069 PEN	3702	28 GR WASH/GR	1					
KS	DC	58	CITIES SERVIC	3	SATER	1956 NE	NE SE	2	1 S	27 W	100.3098	39.99379	2586	3600	-1014 CHE	3618	18 GR WASH	0					
KS	DC	59	HELMERICH PAY	1	SAUVAGE	1943 NE	NE NE	3	1 S	27 W	100.3287	40.00085	2612	3655	-1043 CHE	3685	30 GR WASH/GR *	1		DC-59	PC-207		
KS	DC	60	SAUVAGE	1	WEATHERSW	1960 NW	NW SE	4	1 S	27 W	100.3543	39.99378	2624	3661	-1037 REA	3723	62 GR WASH/GR	1					
KS	DC	61	DUNN SAUVAGE	1	FOLEY	1952 SW	SE NW	5	1 S	27 W	100.3784	39.99548	2650	3704	-1054 CHE	3714	10 GR	1					
KS	DC	62	GOWER	1	OSBURN	1961 C	SE SE	6	1 S	27 W	100.3867	39.98916	2662	3734	-1072 PEN	3778	44 GR WASH/GR	1					
KS	DC	63	PUBCO	81-	ACKMAN	1963 C	NE SE	8	1 S	27 W	100.3677	39.97839	2606	3657	-1051 REA	3680	23 GR WASH/GR	1					
KS	DC	64	CITIES SERVIC	1	VAN VLEET	1956 NW	NE NW	9	1 S	27 W	100.3591	39.98659	2559	3589	-1030 CHE	3611	22 GR WASH/GR	1					
KS	DC	65	CITIES SERVIC	1	HENDRICKS	1957 SW	SW NE	9	1 S	27 W	100.3544	39.98124	2567	3624	-1057 CHE	3642	18 GR WASH/GR	1					
KS	DC	66	CITIES SERVIC	1	REDMAN	1956 SW	SE NW	11	1 S	27 W	100.3215	39.98123	2499	3500	-1001 CHE	3514	14 GR WASH	0					
KS	DC	67	CITIES SERVIC	1E	WARNER	1956 NE	NE SW	11	1 S	27 W	100.3192	39.97943	2485	3474	-989 CHE	3530	56 GR WASH	0		CUTTINGS		FAIR	MD
KS	DC	68	GREAT BASINS	1	HUFF	1957 SE	SE NE	15	1 S	27 W	100.3286	39.96674	2482	3500	-1018 CHE	3575	75 GR WASH/GR	1		CUTTINGS		FAIR	MD
KS	DC	69	SAUVAGE	1	KILZER	1961 SW	SW SW	16	1 S	27 W	100.3642	39.95955	2504	3589	-1085 REA	3640	51 GR WASH/GR	1		CUTTINGS		POOR	MD
KS	DC	70	HEWITT	1	ADDA WELC	1969 C	NE SW	17	1 S	27 W	100.3773	39.96397	2571	3662	-1091 CHE	3700	38 GR WASH/GR	1					
KS	DC	71	CITIES SERVIC	1	CATHEART	1956 SE	SW SE	17	1 S	27 W	100.3713	39.95952	2551	3606	-1055 CHE	3616	10 GR WASH	0					
KS	DC	72	HEWITT	1	LAFFERTY	1970 C	NE SE	19	1 S	27 W	100.3867	39.94958	2581	3647	-1066 MAR	3778	131 GR WASH/GR	1					
KS	DC	73	KIDD	1	MCQUILLAN	1962 NW	NW NW	23	1 S	27 W	100.3263	39.95767	2475	3554	-1079 MAR	3560	6 GR WASH	0					
KS	DC	74	SAUVAGE	1	MCQUILLAN	1962 C	NW NE	23	1 S	27 W	100.3158	39.95679	2433	3565	-1132 REA	3582	17 GR	1					
KS	DC	75	ABERCROMBIE	1	POWELL	1969 C	NE NE	24	1 S	27 W	100.2923	39.95649	2424	3508	-1084 PEN	3535	27 GR WASH/GR	1					
KS	DC	76	SAUVAGE DUNN	1	WOOLEY	1955 NW	NW SW	25	1 S	27 W	100.3077	39.936	2544	3670	-1126 CHE	3707	37 GR WASH/GR	1					
KS	DC	77	BURCH	1	CORCORAN	1963 C	SE NE	28	1 S	27 W	100.3489	39.93876	2452	3550	-1098 PEN	3600	50 GR WASH/GR	1		CUTTINGS		FAIR	SM
KS	DC	78	HELMERICH PAY	1	HARGER	1943 SE	SE NE	29	1 S	27 W	100.3666	39.93785	2541	3648	-1107 CHE	3688	40 GR WASH/GR	1					
KS	DC	79	GREAT BASINS	1	BETTS	1957 SE	SE NW	31	1 S	27 W	100.3947	39.92344	2510	3770	-1260 CHE	3808	38 GR WASH/GR *	1		CUTTINGS	DC-79	FAIR	SM
KS	DC	80	RAINS WILLIAM	1	METCALF	1962 C	NW NW	33	1 S	27 W	100.3632	39.92792	2486	3600	-1114 PEN	3608	8 GR	1					
KS	DC	81	JONES SHELBU	1	METCALF	1954 SW	SW SW	34	1 S	27 W	100.3454	39.91616	2509	3697	-1188 CHE	3760	63 GR WASH/GR	1		CUTTINGS		POOR	MD
KS	DC	82	SAUVAGE	1	SMALBERGE	1962 NE	NE SE	4	1 S	28 W	100.4597	39.99375	2651	3893	-1242 REA	3906	13 GR WASH/GR	1					
KS	DC	83	EMPIRE	1	KATHKA	1961 C	SE NE	7	1 S	28 W	100.4985	39.98188	2687	4085	-1398 REA	4095	10 GR WASH/GR	1					
KS	DC	84	EMPIRE DRILLI	1B	KATHKA	1964 NE	NE NW	7	1 S	28 W	100.5063	39.98648	2596	4017	-1421 REA	4057	40 GR WASH/GR	1					
KS	DC	85	FARMER APPLE	1	SOUTHWICK	1961 SE	SE SE	17	1 S	28 W	100.4789	39.95926	2693	4119	-1426 REA	4152	33 GR WASH/GR	1					
KS	DC	86	GREAT BASINS	1	NELSON BK	1957 NW	NW SW	23	1 S	28 W	100.4392	39.95039	2641	4026	-1385 REA	4064	38 GR WASH/GR	1					
KS	DC	87	RAINS WILLIAM	1	WALDO	1963 C	SW SW	23	1 S	30 W	100.6619	39.94591	2672	4332	-1660 REA	4356	24 GR WASH/GR	1		CUTTINGS		FAIR	SM
KS	DC	88	JONES SHELBU	1	ALEXANDER	1955 SE	SE SE	1	2 S	26 W	100.1799	39.90084	2469	3735	-1266 ARB	3749	14 GR WASH/GR	1					
KS	DC	89	JONES SHELBU	1	ECKHART	1954 SE	SE SE	3	2 S	26 W	100.2175	39.90084	2516	3664	-1148 MAR	3718	54 GR WASH/GR	1					
KS	DC	90	BRADEN DRILLI	1	POWELL	1967 C	SE SW	4	2 S	26 W	100.2469	39.90193	2570	3697	-1127 MAR	3740	43 GR WASH	0					
KS	DC	91	HUBER	1	RAILSBACK	1952 SE	SE NE	5	2 S	26 W	100.2551	39.90832	2581	3735	-1154 MAR	3790	55 GR WASH/GR	1		CUTTINGS		FAIR	MD
KS	DC	92	C AND G	1	SCHWAB	1954 NW	NW SW	6	2 S	26 W	100.2893	39.90687	2572	3684	-1112 MAR	3757	73 GR WASH/GR	1		CUTTINGS		POOR	MD
KS	DC	93	DUNNE GARDNE	1	ECKHART	1964 C	NW SW	11	2 S	26 W	100.214	39.89098	2541	3761	-1220 REA	3780	19 GR WASH	0					
KS	DC	94	STRAIN HALL	1	ODLE	1952 NW	NW SE	14	2 S	26 W	100.2059	39.87737	2508	3783	-1275 ARB	3833	50 GR WASH/GR	1		CUTTINGS		FAIR	MD
KS	DC	95	EMPIRE DRILLI	1	NEW	1955 NW	NW SW	15	2 S	26 W	100.2342	39.87733	2560	3811	-1251 ARB	3840	29 GR WASH/GR	1					
KS	DC	96	AYESH	1	STAPP	1956 NW	NW SW	16	2 S	26 W	100.2529	39.87759	2586	3811	-1225 MAR	3835	24 WEA GR	1					
KS	DC	97	JONES SHELBU	1	THOMSEN	1955 NE	NE NW	18	2 S	26 W	100.2828	39.88504	2638	3825	-1187 MAR	3871	46 WEA GR	1					
KS	DC	98	MURFIN	1	CARTER	1961 C	SW SW	21	2 S	26 W	100.2519	39.85855	2614	3913	-1299 REA	3928	15 GR	1		CUTTINGS	DC-98	GOOD	SM
KS	DC	99	DANE G HANSEN	1	LAWSON	1967 NW	NW SE	24	2 S	26 W	100.1872	39.86276	2598	3871	-1273 REA	3895	24 GR WASH/GR	1					
KS	DC	100	MARLAND	1	REAGER	1924 SW	NE NW	25	2 S	26 W	100.1919	39.85376	2587	3865	-1278 REA	3986	121 GR WASH	0		CUTTINGS		POOR	SM
KS	DC	101	JONES SHELBU	1	HOLBEN	1956 NW	NW NW	30	2 S	26 W	100.2898	39.8562											

[illegible]

KS	DC	173	PLATTE VALLEY1B	BLEES	1982 C	NW SE	5	1	S	26	W	100.2601	39.99253	2506	35	PRECAMBRIA	3600	23	GR WASH	0				
KS	DC	174	VERA CRUZ	4 POWELL	1981 SE	NE SE	6	1	S	26	W	100.2729	39.99173	2525	3608	-1083 REA	3623	15	GR WASH	0				
KS	DC	175	VERA CRUZ	5 POWELL	1981 SW	SE SE	6	1	S	26	W	100.2752	39.9881	2529	3617	-1088 REA	3637	20	GR	1				
KS	DC	176	TRACEY ENT	1 POWELL	1979 NE	SE SE	6	1	S	26	W	100.2729	39.98991	2473	3570	-1097 REA	3600	30	GR WASH/GR	1				
KS	DC	177	BRANDT	1 HUFF	1979 C	NW NE	7	1	S	26	W	100.2786	39.98539	2521	3615	-1094 REA	3615	0	GR WASH	0				
KS	DC	178	EXETER EXPL	1 MARTIN	1978 NE	NE NE	7	1	S	26	W	100.2729	39.98628	2513	3600	-1087 REA	3639	39	GR WASH/GR	1				
KS	DC	179	ABERCROMBIE	7 HUFF	1978 NE	NE NW	8	1	S	26	W	100.2636	39.98619	2453	3526	-1073 REA	3566	40	GR WASH	0				
KS	DC	180	SAUVAGE	1C HUFF	1981 C	SE NE	9	1	S	26	W	100.2365	39.98141	2487	3578	-1091 MAR	3586	8	GR	1				
KS	DC	181	LEACH & ASS	1 SCHWAB	1981 N2	SW SE	9	1	S	26	W	100.2414	39.97512	2430	3519	-1089 MAR	3538	19	WEA GR	1		CUTTINGS	GOOD	MD
KS	DC	182	ABERCROMBIE	3D HUFF	1981 C	SE SW	10	1	S	26	W	100.2273	39.97416	2409	3497	-1088 REA	3510	13	GR	1				
KS	DC	183	ABERCROMBIE	2D HUFF	1981 C	NW SW	10	1	S	26	W	100.2319	39.97778	2463	3543	-1080 MAR	3566	23	GR WASH	0				
KS	DC	184	ABERCROMBIE	1 HUFF	1974 E2	SE NW	10	1	S	26	W	100.226	39.98136	2477	3564	-1087 REA	3595	31	GR WASH	0				
KS	DC	185	SAUVAGE	2 HUFF	1974 N2	SW NE	10	1	S	26	W	100.2225	39.98224	2471	3559	-1088 REA	3580	21	GR WASH	0				
KS	DC	186	SAUVAGE	3 HUFF	1980 C	SW NW	10	1	S	26	W	100.2318	39.98138	2430	3512	-1082 MAR	3536	24	WEA GR	1				
KS	DC	187	SAUVAGE	3 HUFF	1974 NW	SE NE	10	1	S	26	W	100.219	39.98223	2496	3591	-1095 REA	3596	5	GR WASH	0				
KS	DC	188	SAUVAGE	4B HUFF	1981 C	NW NW	10	1	S	26	W	100.2318	39.98499	2472	3580	-1108 CHE	3591	11	GR	1		CUTTINGS SET	GOOD	MD
KS	DC	189	SAUVAGE	3 HUFF	1981 C	SW NW	10	1	S	26	W	100.2318	39.98138	2430	3512	-1082 MAR	3536	24	WEA GR	1				
KS	DC	190	ADVANTAGE RE	1 COZAD	1981 NE	NE NE	11	1	S	26	W	100.1979	39.98597	2446	3594	-1148 REA	3600	6	GR WASH	0				
KS	DC	191	ACKMAN	1 COZAD	1980 C	SW SW	11	1	S	26	W	100.2132	39.97413	2384	3494	-1110 CHE	3511	17	GR WASH	0				
KS	DC	192	CHAMBERS & AL	1 COZAD	1982 NW	SW SE	12	1	S	26	W	100.1861	39.97514	2365	3500	-1135 REA	3525	25	GR WASH	0				
KS	DC	193	ADVANTAGE RE	3 O'HARE	1981 N2	NE NW	12	1	S	26	W	100.1896	39.98599	2445	3588	-1143 CHE	3598	10	GR WASH/GR	1				
KS	DC	194	ADVANTAGE	10 COOK	1983 W2	NW SE	14	1	S	26	W	100.205	39.96331	2370	3519	-1149	####	WEA GR	1			CUTTINGS	FAIR	MD
KS	DC	195	CHAMBERS	1 COZAD	1983 NW	NE SE	14	1	S	26	W	100.2002	39.96422	2360	3492	-1132 REA	3510	18	GR WASH	0				
KS	DC	196	OXFORD EXP	4 HUFF	1981 C	NW NW	15	1	S	26	W	100.232	39.97056	2414	3500	-1086 MAR	3518	18	GR WASH/GR	1				
KS	DC	197	ADVANTAGE	3 LAWSON	1982 C	NE NW	15	1	S	26	W	100.2273	39.97055	2407	3496	-1089 CHE	3515	19	GR WASH/GR	1				
KS	DC	198	OXFORD EXP.	10 HUFF	1982 C	NW SE	15	1	S	26	W	100.2227	39.96329	2378	3485	-1107 REA	3488	3	GR WASH	0				
KS	DC	199	ABERCROMBIE	1 VANCE	1982 C	NW NE	16	1	S	26	W	100.2414	39.97059	2441	3530	-1089 MAR	3551	21	GR WASH	0		CUTTINGS	FAIR	SM
KS	DC	200	ABERCROMBIE	1 ANTHONY	1974 C	NE SE	16	1	S	26	W	100.2369	39.9633	2417	3508	-1091 REA	3524	16	GR WASH	0				
KS	DC	201	ABERCROMBIE	1F HUFF	1981 C	NW NW	17	1	S	26	W	100.2696	39.97089	2458	3546	-1088 REA	3570	24	GR WASH	0				
KS	DC	202	ABERCROMBIE	1F HUFF	1979 C	NW NW	17	1	S	26	W	100.2696	39.97089	2458	3546	-1088 REA	3570	24	GR WASH	0				
KS	DC	203	CHAMBERS	1 WIGGINS	1978 C	SE SE	19	1	S	26	W	100.2746	39.94556	2513	3593	-1080 MAR	3622	29	GR WASH/GR	1				
KS	DC	204	OXFORD EXP	81 RICHARDS	1980 NE	SE NE	21	1	S	26	W	100.2358	39.95329	2391	3495	-1104 ARB	3500	5	WEA GR	1				
KS	DC	205	OXFORD EXP.	91 STAPP	1982 NE	NE SE	21	1	S	26	W	100.2358	39.94965	2466	3565	-1099 MAR	3576	11	GR	1				
KS	DC	206	OXFORD EXP.	33 RICHARDS	1982 SW	NE NW	22	1	S	26	W	100.2287	39.95512	2465	3570	-1105 MAR	3572	2	GR	1				
KS	DC	207	OXFORD EXP.	4 RICHARDS	1982 C	NW NW	22	1	S	26	W	100.2322	39.95603	2413	3510	-1097 MAR	3528	18	GR WASH	0				
KS	DC	208	ADVANTAGE	8 MILNER	1982 SE	SE NE	22	1	S	26	W	100.2169	39.95149	2453	3572	-1119 ARB	3587	15	GR WASH/GR	1				
KS	DC	209	ABERCROMBIE	4 MAPES	1980 W2	SW NW	22	1	S	26	W	100.2335	39.95238	2439	3530	-1091 MAR	3555	25	GR WASH	0		CUTTINGS	GOOD	MD
KS	DC	210	MURFIN DLG.	1 ALEXANDER	1982 C	SE NW	26	1	S	26	W	100.2089	39.93788	2475	3647	-1172 ARB	3659	12	GR WASH/GR	1				
KS	DC	211	ACKMAN	1 MAPES	1979 C	SE NE	27	1	S	26	W	100.2183	39.9379	2485	3621	-1136 MAR	3666	45	GR WASH/GR	1				
KS	DC	212	ABERCROMBIE	1 KELLEY	1979 NW	SW NW	28	1	S	26	W	100.2523	39.93888	2507	3585	-1078 MAR	3620	35	GR WASH	0				
KS	DC	213	OXFORD EXP.	91 FRICKEY	1982 NE	NE SE	28	1	S	26	W	100.2359	39.93517	2525	3637	-1112 MAR	3645	8	GR	1				
KS	DC	214	ABERCROMBIE	5 CHAMBERS	1974 SW	SW SW	29	1	S	26	W	100.2713	39.93013	2542	3638	-1096 MAR	3655	17	GR WASH	0				
KS	DC	215	STOEPPELWER	1 CHAMBERS	1978 NE	SE NW	29	1	S	26	W	100.2641	39.93907	2506	3578	-1072 MAR	3611	33	GR WASH/GR	1				
KS	DC	216	CINCO	1 TOLLE	1979 C	NE SE	34	1	S	26	W	100.2186	39.91985	2535	3710	-1175 REA	3710	0	GR	1				
KS	DC	217	CHEROKEE PET	1 HUFF	1981 C	SW SE	10	1	S	27	W	100.3344	39.97493	2524	3577	-1053 MAR	3608	31	GR WASH/GR	1		CUTTINGS	POOR/F	LG
KS	DC	218	PETRO MINING	1 SATEO	1982 NW	SW NW	12	1	S	27	W	100.3075	39.98306	2537	3668	-1131 MAR	3682	14	WEA GR	1				
KS	DC	219	ABERCROMBIE	3 CHAMBERS	1983 NW	NE NE	14	1	S	27	W	100.3121	39.97221	2531	3640	-1109 MAR	3665	25	GR WASH	0				
KS	DC	220	FARMER	1 HUFF	1974 SW	SE SW	15	1	S	27	W	100.3405	39.95957	2522	3558	-1036 REA	3577	19	GR WASH	0				
KS	DC	221	GEMINI CORP	1 CATHCART	1980 C	NE SE	17	1	S	27	W	100.3677	39.96402	2501	3583	-1082 CHE	3591	8	GR	1		CUTTINGS	GOOD	SM
KS	DC	222	CINCO EXP.	1 METCALF	1980 C	SE SE	34	1	S	27	W	100.3301	39.91699	2612	3850	-1238 CHE	3851	1	WEA GR	1				
KS	DC	223	ABERCROMBIE	1 SCHWAB	1974 C	SW SW	5	2	S	26	W	100.2705	39.90217	2602	3712	-1110 MAR	3740	28	GR WASH	0				
KS	DC	224	PETRO MINING	1 SCHWAB	1982 NW	NW SW	5	2	S	26	W	100.2716	39.90673	2616	3723	-1107 MAR	3745	22	GR WASH	0				
KS	DC	225	HANSEN	1 KREYMBOR	1979 C	NE NE	16	2	S	28	W	100.4615	39.88425	2593	4117	-1524 ARB	4132	15	GR	1				
KS	DC	226	CHEROKEE PET	1 BREMER	1980 E2	SE SW	22	2	S	28	W	100.4508	39.85904	2600	4180	-1580 ARB	4205	25	GR WASH/GR	1				
KS	DC	227	CHEROKEE PET	1 RICHARDS	1980 C	SW SE	22	2	S	28	W	100.4473	39.85905	2551	4128	-1577 REA	4258	130	GR WASH/GR	1				
KS	DC	228	CHEROKEE PET	1 THOMPSON	1980 C	SW NE	29	2	S	28	W	100.485	39.85155	2554	4169	-1615 REA	4206	37	GR WASH	0				
KS	DC	229	MURFIN	1 BAILEY	1978 NW	SE SE	14	3	S	27	W	100.3138	39.78735	2649	3948	-1299 CHE	3966	18	GR	1				
KS	DC	230	MURFIN	2 BAILEY	1978 SE	NW SE	14	3	S	27	W	100.316	39.78916	2656	4008	-1352 ARB	4009	1	GR	1				
KS	DC	231	GEMINI CORP	1 O'LEARY	1980 C	SE NE	21	1	S	27	W	100.3488	39.95326	2539	3606	-1067 CHE	3624	18	GR	1		SET		
KS	DC	232	ADECO&CHAMB	1 CHAMBERS	1987		4	3	S	27	W	100.3568	39.82098	2670	4199	-1529 ARB	4200		GR	1				
KS	DC	233	ADVANTAGE	10 COOK	1983 E2	NW SE	14	1	S	26	W	100.2026	39.96331	2372	3515	-1132 ARB	3517	2	WEA GR	1				
KS	DC	234	DCF EXPL	4 HUFF A	1989 C	SE NW	9	1	S	26	W	100.246	39.98148	2500			3600							
KS	DC	235	ECHOLON LAND ###	SUMNER	1992 NE	NW SW	11	1	S	26	W	100.2119	39.97864	2460	3609	-1149 REA	3610	1						
KS	DC	236	ADECO INC	2 COZAD	1986 SE	NE SE	14	1	S	26	W	100.1979	39.96242	2360	3500	-1140 REA	3510	10						
KS	DC	237	ADECO INC	3 COZAD	1990 SW	SW NE	14	1	S	26	W	100.205	39.96602	2360	3515	-1155 LKC	3518	3	GR	1				
KS	DC	238	MURFIN DRLG	1 WITHAM	1978 SW	SW SE	25	1	S	26	W	100.1866	39.92973	2501	3762	-1261 ARB	3775	13						

[illegible]

KS	EL	24	WENTZ JONES	2	BEMIS	1937	SE	NE	NW	28	11	S	17	W	99.21424	39.07151	1953	3989	5	GR WASH	0				
KS	EL	25	CHAMPLIN	2	GLATHART	1938	SW	NW	SE	29	11	S	17	W	99.23058	39.0641	2076	4025	-1949	REA	4033	8	GR WASH	0	
KS	EL	26	CHAMPLIN	4K	HADLEY	1946	N2	N2	NW	29	11	S	17	W	99.23636	39.07304	1918	3897	-1979	ARB	3918	21	GR WASH	0	
KS	EL	27	CHAMPLIN	7B	HADLEY	1966	NE	NW	SW	29	11	S	17	W	99.23755	39.06587	1963	3907	-1944	REA	3909	2	GR WASH	0	
KS	EL	28	LARIO	A 13	MARSHALL	1942	C	SW	NW	31	11	S	17	W	99.25716	39.05402	2108	4169	-2061	REA	4200	31	GR WASH	0	
KS	EL	29	TEXAS	5	DREILING	1951	NW	NE	SE	34	11	S	17	W	99.18893	39.05186	2003	3997	-1994	ARB	4023	26	GR WASH/GR	1	
KS	EL	30	CONTINENTAL	7	WATKINS	1947	SW	SE	NW	2	11	S	18	W	99.28981	39.12629	1976	4018	-2042	ARB	4035	17	GR WASH	0	
KS	EL	31	CONTINENTAL	4	WARREN MO	1947	SE	NE	SE	3	11	S	18	W	99.29689	39.1225	2057	4115	-2058	ARB	4173	58	GR	1	
KS	EL	32	SHELL	A 1W	RIDLER	1940	NE	SW	NW	12	11	S	18	W	99.27356	39.11305	1856	3896	-2040	ARB	3927	31	DIORITE	3	
KS	EL	33	SHELL	1W	KEMPE	1953	NE	SE	NW	12	11	S	18	W	99.26891	39.11307	1852	3845	-1993	ARB	3945	100	GR WASH	0	
KS	EL	34	SKELLY	4	KEMPE	1940	N2	SW	NE	12	11	S	18	W	99.26543	39.11308	1870	3932	-2062	ARB	3965	33	WEA GR	1	
KS	EL	35	PHILLIPS	1	SITES	1943	E2	SE	SW	12	11	S	18	W	99.26902	39.10488	1859	3883	-2024	REA	3884	1	GR	1	
KS	EL	36	PHILLIPS	2	SITES	1952	E2	E2	SW	12	11	S	18	W	99.269	39.1067	1858	3906	-2048	REA	3922	16	GR	1	
KS	EL	37	SUNRAY	1	HADLEY	1962	N2	NE	NW	13	11	S	18	W	99.27022	39.10215	1860	3898	-2038	REA	3909	11	GR WASH	0	
KS	EL	38	BLAIR	1C	HENDERSON	1947	SW	SE	NW	15	11	S	18	W	99.30876	39.09696	1914	4030	-2116	REA	4046	16	PK GR	1	
KS	EL	39	LARIO	2	HENDERSON	1954	SW	SE	NW	15	11	S	18	W	99.30876	39.09696	1899	4014	-2115	REA	4037	23	GR WASH/GR	1	
KS	EL	40	MIDSTATES	6B	WASINGER	1948	NW	NW	NE	21	11	S	18	W	99.32264	39.08773	1917	4037	-2120	REA	4038	1	GR	1	
KS	EL	41	LARIO	E 17	MARSHALL	1948	SW	NE	SE	24	11	S	18	W	99.26251	39.07841	1881	3775	-1894	REA	3832	57	GR	1	
KS	EL	42	WALTERS	4	MARSHAL	1955	C	SE	SE	25	11	S	18	W	99.26395	39.06303	1970	4060	-2090	REA	4065	5	GR	1	
KS	EL	43	OKMAR(ELWELL	1	SESSIN	1951	NE	NW	SE	15	11	S	19	W	99.4126	39.09486	1981	4036	-2055	ARB	4044	8	GR WASH/GR	1	
KS	EL	44	SKELLY	4E	VINE	1951	SE	SW	NE	22	11	S	19	W	99.41292	39.08203	1957	3986	-2029	ARB	3999	13	GR WASH	0	
KS	EL	45	CONTINENTAL	5A	VINE	1951	N2	N2	NW	23	11	S	19	W	99.40217	39.08751	1937	3984	-2047	REA	4025	41	GR WASH/GR	1	
KS	EL	46	JONES SHELBU	5B	VINE	1955	E2	SW	NE	26	11	S	19	W	99.39435	39.06844	2038	4050	-2012	REA	4074	36	GR WASH	0	
KS	EL	47	PRATT	3B	SOLOMON	1953	NE	NE	NW	28	11	S	19	W	99.43645	39.07299	1974	4033	-2059	ARB	4035	2	GR WASH	0	
KS	EL	48	SITRIN	11	SOLOMON	1955	SE	SE	NE	33	11	S	19	W	99.42747	39.05307	2131	4163	-2032	ARB	4165	2	GR	1	
KS	EL	49	DREILING	A 11	DREILING	1962	NW	NW	NE	13	12	S	16	W	99.04639	39.01534	1806	3702	-1896	ARB	3705	3	GR WASH	0	
KS	EL	50	DAVIS AYLWARD	1	DICKINSON	1928	SW	SW	NE	15	12	S	16	W	99.0835	39.00996	1888	3800	-1912	ARB	3809	9	GR	1	
KS	EL	51	KEWANEE	3E	FROELICH	1957	NE	SE	SE	27	12	S	16	W	99.07704	38.97539	2007	3925	-1918	REA	3956	31	DIORITE	3	
KS	EL	52	KEWANEE	7E	FROELICH	1952	NE	SW	SE	27	12	S	16	W	99.08171	38.97542	2063	4003	-1940	REA	4014	11	GR WASH/GR	1	
KS	EL	53	WESTGATE GRE	5	MILLER	1949	NE	SW	NE	3	12	S	17	W	99.19135	39.04096	2049	4033	-1984	ARB	4052	19	GR WASH/GR	1	
KS	EL	54	PHILLIPS	1	SHUTTS	1943	S2	SE	NE	5	12	S	17	W	99.22495	39.03884	2047	4028	-1981	ARB	4035	7	QT	7	
KS	EL	55	CARTER	10	STAAB	1952	E2	NW	NE	11	12	S	18	W	99.28423	39.02875	2123	4185	-2062	ARB	4190	5	GR WASH	0	
KS	EL	56	REPUBLIC NATU	A	JOY	1943	NW	NE	NW	14	12	S	18	W	99.29137	39.01515	2148	4207	-2059	REA	4212	5	GR WASH	0	
KS	EL	57	B AND R	5A	STACKHOUSE	1952	SW	NE	NE	23	12	S	18	W	99.28225	38.99874	2130	4169	-2039	REA	4176	7	GR WASH	0	
KS	EL	58	ALPINE	2B	LEINMILLER	1961	NE	NW	SW	2	12	S	19	W	99.40454	39.03674	2151	4211	-2060	REA	4215	4	GR WASH	0	
KS	EL	59	CENTRAL COMM	1	HELMS	1930	SE	SE	NE	2	12	S	20	W	99.50195	39.03869	2096	4217	-2121	REA	4250	33	BIO-GR	1	
KS	EL	60	EL DORADO	1	HUBER	1956	NW	NW	SW	32	12	S	20	W	99.575	38.96373	2175	4066	-1891	ARB	4069	3	GR	1	
KS	EL	61	SOLAR	8B	WEILAND	1951	NE	SW	NE	1	13	S	16	W	99.04469	38.9536	1889	3433	-1544	ARB	3486	53	GR WASH	0	
KS	EL	62	HINKLE	2A	BRUNGARD	1961	NW	SW	SW	25	13	S	16	W	99.0567	38.88836	1914	3512	-1598	ARB	3525	13	GR WASH	0	
KS	EL	63	HINKLE	4	BRUNGARD	1960	NE	NW	SW	25	13	S	16	W	99.05438	38.89197	1916	3421	-1505	ARB	3435	14	QT	7	
KS	EL	64	MIDWEST	19	REIDEL	1927	NW	SW	SE	27	13	S	16	W	99.08458	38.88855	1956	3858	-1902	REA	3875	17	GR	1	
KS	EL	65	DREILING	1D	STAAB	1962	NE	NW	NW	7	13	S	17	W	99.25734	38.94261	2047	3915	-1868	ARB	3916	1	GR	1	
KS	EL	66	DARBY BOTHW	2A	GIEBLER	1951	NE	SW	SE	10	13	S	17	W	99.19286	38.93201	2001	4045	-2044	REA	4076	31	MI-SC	8	
KS	EL	67	DREILING	4E	DREILING	1957	SE	NW	SW	15	13	S	17	W	99.20226	38.91928	2012	3993	-1981	ARB	3995	2	GR WASH	0	
KS	EL	68	TEXAS	3B	DREILING	1947	NE	NW	SE	21	13	S	17	W	99.2117	38.90654	1972	4006	-2034	ARB	4011	5	SC	8	
KS	EL	69	BELL BROTHER	6	VON LINTEL	1961	SW	NE	NW	26	13	S	17	W	99.18156	38.89765	1964	3982	-2018	REA	3983	1	GR	1	
KS	EL	70	DREILING	2	DREILING	1965	S2	SE	NE	28	13	S	17	W	99.20836	38.89387	1964	3971	-2007	ARB	3972	1	GR WASH	0	
KS	EL	71	MID KANSAS	1	JOHNSON	1929	SW	SE	NE	9	13	S	19	W	99.43164	38.93716	2115	4183	-2068	REA	4358	175	QT	7	
KS	EL	72	MUSGROVE	6	REIDEL	1957	SE	SW	SW	31	13	S	19	W	99.48083	38.87166	2261	4133	-1872	ARB	4137	4	GN	6	
KS	EL	73	TEXAS	3	REIDEL	1957	NE	NE	SW	31	13	S	19	W	99.47617	38.87706	2239	4052	-1813	ARB	4056	4	GR	1	
KS	EL	74	KAISER-FRAN	1B	BITTEL	1966	SE	SE	SE	6	13	S	20	W	99.5773	38.94373	2158	3987	-1829	REA	3990	3	GR	1	
KS	EL	75	SUNRAY	4B	BITTEL	1945	W2	NE	NE	6	13	S	20	W	99.57956	38.9556	2173	4053	-1880	REA	4059	6	GR	1	
KS	EL	76	STEARNS STRE	1	LEIKER	1930	SW	SW	NE	26	13	S	20	W	99.51048	38.89328	2180	4067	-1887	REA	4078	11	QT,SC	7	
KS	EL	77	TEXAS	2	NICHOLSON	1954	SE	NE	NW	34	13	S	20	W	99.5315	38.88219	2219	3930	-1711	ARB	3972	42	GR WASH/GR	1	
KS	EL	78	TRANSIT	2	HEYL	1954	SE	NW	SW	26	14	S	16	W	99.07365	38.80286	1838	3653	-1815	REA	3705	52	GR	1	
KS	EL	79	HAYNES(ATLAN	3	SCHULTE	1953	NW	NE	SE	27	14	S	16	W	99.08058	38.8047	1841	3682	-1841	ARB	3717	35	GR WASH	0	
KS	EL	80	OKMAR	1	JOSEPH	1958	SW	SW	SW	11	14	S	17	W	99.18689	38.84314	1992	3906	-1912	REA	3909	3	QT	7	
KS	EL	81	PHILLIPS	1	BRULL	1929	C	NW	SW	34	14	S	17	W	99.20266	38.79509	1966	3831	-1865	REA	3895	64	ARKOSE	9	
KS	EL	82	COLORADO	3	ENGEL	1957	SW	SE	NW	34	14	S	18	W	99.31261	38.79218	2052	3882	-1830	ARB	3895	13	GR WASH/GR	0	
KS	EL	83	STANOLIND	1	FURTHMEYE	1948	SE	SW	NW	5	14	S	19	W	99.46239	38.86439	2251	4070	-1819	ARB	4079	9	GR	1	
KS	EL	84	DAVIS TRANSIT	4	KINDERKNE	1959	SE	SE	SE	8	14	S	19	W	99.44849	38.84258	2205	4034	-1829	ARB	4048	14	GR WASH/GR	1	
KS	EL	85	FRONTIER	4	KINDERKNE	1958	NE	NE	NW	16	14	S	19	W	99.43925	38.84077	2197	4040	-1843	ARB	4075	35	GN	6	
KS	EL	86	FRONTIER	2A	SEITZ	1960	NE	SW	SE	17	14	S	19	W	99.45323	38.82993	2172	3952	-1780	ARB	3981	29	GR WASH	0	

KS	EL	93	ABERCROMBIE	1	KISNER	1970 SW NW SW	4	14	S	20 W	99.55746	38.8606	2273	4085	54 GR WASH	0						
KS	EL	94	ABERCROMBIE	1	GABEL	1970 NE NW SE	5	14	S	20 W	99.56439	38.86243	2239	3960	-1721 REA	4014	54 GR	1	CUTTINGS	EL-94	FAIR	MD
KS	EL	95	LEE BROOKS	1	GABEL	1970 NW NW NE	5	14	S	20 W	99.56665	38.86966	2313	3959	-1646 REA	3980	21 GR WASH	0				
KS	EL	96	WOODMAN IANN	1	YOUNGER	1964 SW SW NE	8	14	S	20 W	99.5668	38.84972	2214	3874	-1660 REA	3883	9 GR WASH	0				
KS	EL	97	BIRMINGHAM B&B	1	SEIBEL	1967 NE NW SW	9	14	S	20 W	99.55519	38.84788	2217	3952	-1735 REA	3967	15 GR WASH	0				
KS	EL	98	BEA	5	BEFORT	1961 NW SE NE	11	14	S	20 W	99.50639	38.85151	2231	3940	-1709 REA	3941	1 GR WASH	0				
KS	EL	99	THUNDERBIRD	1	CERNEY	1957 NE NW NW	14	14	S	20 W	99.51819	38.84068	2152	3837	-1685 REA	3840	3 QT	7				
KS	EL	100	BIRMINGHAM B&A	1	CERNEY	1958 SW SE SE	15	14	S	20 W	99.52523	38.82794	2207	3851	-1644 REA	3853	2 QT	7	CUTTINGS	EL-100	POOR	SM
KS	EL	101	HELMERICH PAY	1	KUHN	1935 C NE	16	14	S	20 W	99.54485	38.83791	2218	3968	-1750 REA	4002	34 GR GN	6	CUTTINGS	EL-101	FAIR/G	SM
KS	EL	102	MULL	1	KINGSLEY	1966 C NW SE	17	14	S	20 W	99.56572	38.83245	2159	3850	-1691 MAR	3855	5 GR WASH	0				
KS	EL	103	SHIELDS	1B	SOLOMON	1956 SE SW NW	22	14	S	20 W	99.53687	38.82065	2234	3885	-1651 REA	3886	1 QT	7				
KS	EL	104	H.H.+B.	1	HAZELHORS	1947 NW NW NE	23	14	S	20 W	99.51129	38.82616	2138	3804	-1666 REA	3805	1 QT	7				
KS	EL	105	KEYSTONE	1	LEE	1952 SE SE NE	25	14	S	20 W	99.48598	38.80632	2130	3839	-1709 REA	3842	3 QT	7				
KS	EL	106	RAINS WILLIAM	1	KINGSLEY	1965 NW SW NW	27	14	S	20 W	99.53935	38.80794	2142	3775	-1633 MAR	3782	7 GR WASH	0				
KS	EL	107	RAINS WILLIAM	1	SOL-BURN	1965 SW NE NE	28	14	S	20 W	99.54396	38.80975	2154	3760	-1606 REA	3796	36 GR	1				
KS	EL	108	RAINS WILLIAM	2	SOL-BURN	1965 NE SE NE	28	14	S	20 W	99.54167	38.80794	2142	3759	-1617 REA	3792	33 GR	1				
KS	EL	109	PALMER	1	HALL	1951 SW SE SE	12	12	S	17 W	99.15235	39.01764	2107	3737	-1630 LKC	3738	1 GR	1				
KS	EL	110	SUN RAY	2	PFIEFER /A	1951 SW SW SE	20	14	S	20 W	99.56702	38.81337	2217	3903	-1686 ARB	3944	41					
KS	EL	111	RAINS & WILLI	5	SOL-BURN	1965 SW SE NE	28	14	S	20 W	99.544	38.80612	2134	3739	-1605 MAR	3780	41 GR	1				
KS	EL	112	OXY USA	16SVBEMIS	1990 NE SW SE	21	11	S	17 W	99.20956	39.07704	1865	3926	-2061 ARB	3930	4		POWDER	EL-111	POOR	SM	
KS	EL	113	RAINS & WILLI	3	SOL-BURN	1965 NE NW NE	28	14	S	20 W	99.54626	38.81156	2161	3780	-1619 MAR	3800	20 GR WASH	0	CUTTINGS		FAIR	VSM
KS	EL	114	RAINS & WILLI	4	SOL-BURN	1965 NE SW NE	28	14	S	20 W	99.54629	38.80793	2145	3752	-1607 MAR	3783	31 GR WASH	0				
KS	EL	115	PHILLIPS PET	D	SITES BURN	1975 NE SE SW	12	11	S	18 W	99.269	39.10579	1862	3906	-2044 ARB	3910	4					
KS	EL	116	RAINS & WILLI	6	SOL-BURN	1965 SW NW NE	28	14	S	20 W	99.54858	38.80975	2137	3750	-1613 MAR	3770	20 GR WASH	0				
KS	EL	117	NCRA	8	SOL-BURN	1967 W2 SW NE	28	14	S	20 W	99.54861	38.80703	2133	3814	-1681 REA	3815	1 GR WASH	0				
KS	EL	118	LABETTE	1	URBAN	1929 NE NW NW	19	15	S	16 W	99.14901	38.73974	1953	3815	-1862 REA	3905	90 RED WEA GR	1	CUTTINGS		POOR	MD
KS	EL	119	NCRA	1	LEIKER	1954 NW NW SW	30	15	S	17 W	99.26306	38.71775	1952	3774	-1822 REA	3785	11 GR WASH	0				
KS	EL	120	FRANCIS	6	WASINGER	1953 SE SW SE	10	15	S	18 W	99.30628	38.7559	2005	3840	-1835 REA	3845	5 GR WASH	0				
KS	EL	121	KAISER FRANCI	3	WASSINGER	1961 SW SE SE	10	15	S	18 W	99.30396	38.75591	2003	3857	-1854 REA	3862	5 GR WASH	0				
KS	EL	122	ALPINE	2	LEIKER	1958 SW SW NE	13	15	S	18 W	99.27175	38.74866	2006	3990	-1984 ARB	4008	18 GR WASH	0				
KS	EL	123	ISERN	6	WEISNER	1961 NE SW SE	13	15	S	18 W	99.26957	38.74318	1998	3930	-1932 REA	4012	82 GR WASH	0	CUTTINGS		FAIR/G	MD
KS	EL	124	WOOD RIVER	8	DECHANT	1957 NE SW NE	14	15	S	18 W	99.28783	38.7505	2004	3847	-1843 REA	3900	53 GR WASH/GR	1	CUTTINGS/P	EL-124	FAIR	MD
KS	EL	125	GULF	3	ENGEL	1948 S2 NE SE	21	15	S	18 W	99.32185	38.73042	2004	3818	-1814 REA	3822	4 GR	1				
KS	EL	126	FRONTIER	1	GROSS	1957 NW NW NE	23	15	S	18 W	99.29041	38.73956	1962	3787	-1825 ARB	3805	18 GR WASH/GR	1	CUTTINGS		POOR	SM
KS	EL	127	HERNDON	1	YOUNGER	1954 NE NE SE	6	15	S	19 W	99.46793	38.7756	2053	3755	-1702 ARB	3756	1 QT	7				
KS	EL	128	FLOURNOY HAS	1	URBAN	1952 NW NW SW	11	15	S	19 W	99.41029	38.76114	2030	3725	-1695 REA	3738	13 QT	7				
KS	EL	129	ALPINE OIL	1	URBAN	1966 NW NE NE	12	15	S	19 W	99.37772	38.76849	2089	3925	-1836 ARB	3965	40 GR	1	CUTTINGS	EL-129	FAIR	SM
KS	EL	130	MUSGROVE	1	HAUSCHILD	1953 NE NE SW	16	15	S	19 W	99.44069	38.74664	2014	3636	-1622 REA	3638	2 QT	7				
KS	EL	131	CONTINENTAL	1	UNREIN	1956 NE NE SE	16	15	S	19 W	99.43142	38.74662	1998	3651	-1653 REA	3654	3 QT	7				
KS	EL	132	STICKLE	1	PENNY	1947 NE NE NW	18	15	S	19 W	99.4775	38.75382	2009	3651	-1642 REA	3652	1 QT	7				
KS	EL	133	LAUCK	1	WERTH	1953 SE SE SE	19	15	S	19 W	99.46892	38.72665	2061	3742	-1681 REA	3747	5 QT	7				
KS	EL	134	MARY A HERMA	1	RUBE	1967 W2 SW SW	32	15	S	19 W	99.46691	38.69848	2083	3706	-1623 REA	3707	1 GR	1				
KS	EL	135	WOODMAN IANN	1	SIMMONS	1961 NW NW SE	1	15	S	20 W	99.4934	38.77553	2047	3722	-1675 REA	3723	1 GR	1	CUTTINGS		FAIR	SM
KS	EL	136	STANOLIND	1	WANN	1935 NW SW SE	12	15	S	20 W	99.4937	38.7574	1990	3702	-1712 REA	3716	14 GR WASH/GR	1	CUTTINGS/C	EL-136	GOOD	MD
KS	EL	137	FALCON SEABO	1	WANN	1943 N2 NW NW	14	15	S	20 W	99.52045	38.75383	2067	3847	-1780 PEN	3861	14 GR WASH/GR	1				
KS	EL	138	PRATT	1	NORTH	1956 SE SW SW	20	15	S	20 W	99.57536	38.72648	2157	3962	-1805 REA	3980	18 GR	1				
KS	EL	139	BUFFALO RINE	1	MUTUAL	1951 SW SW NW	28	15	S	20 W	99.55925	38.7193	2191	3988	-1797 PEN	4055	67 GR WASH/GR	1	CUTTINGS/P	EL-139	FAIR	MD
KS	EL	140	RAYMOND	1	ELMORE	1970 E2 SE SW	35	15	S	20 W	99.51552	38.69846	2162	3840	-1678 REA	3847	7 GR WASH	0				
KS	EL	141	SLAWSON	1M	ELMORE	1972 SW SW SE	35	15	S	20 W	99.51321	38.69755	2155	3853	-1698 REA	3868	15 GR	1				
KS	EL	142	TEXAS	1	ELMORE	1944 SE SE SW	35	15	S	20 W	99.51553	38.69755	2164	3810	-1646 REA	3843	33 WEA GR/GR	1				
KS	EL	143	LARIO	1	WALTER	1950 S2 NW SW	2	12	S	18 W	99.29449	39.03508	2114	4182	-2068 REA	4186	4 GR WASH	0				
KS	EL	144	TOMLINSON	3	RIEDEL	1976 E2 NE NW	31	13	S	19 W	99.4761	38.88337	2229	4038	-1809 ARB	4080	42 GR WASH	0				
KS	EL	145	JONES,SHELB	5	MADDEN	1951 SW SW SW	9	15	S	18 W	99.33633	38.75596	1988	3850	-1862 REA	3851	1 GRWASH	0				
KS	EL	146	PRICE	5A	BEMIS	1977 W2 SW SW	21	11	S	17 W	99.22117	39.07587	1978	4038	-2060 ARB	4054	16 GR WASH	0				
KS	EL	147	WILLIAMSON	5B	HUBER	1977 NE NW SE	31	12	S	20 W	99.5818	38.96372	2163	3971	-1808 ARB	3980	9 GR	1				
KS	EL	148	FRONTIER	7A	GROSS	1977 NE NE NE	23	15	S	18 W	99.28347	38.73957	1983	3869	-1886 REA	3940	71 GR WASH	0				
KS	EL	149	CB/JB OIL	1A	SHAW	1982 NW SW NE	26	11	S	16 W	99.06416	39.07024	1767	3904	-2137 REA	3920	16 GR WASH	0				
KS	EL	150	PRICE	6A	BEMIS	1982 SE SW SW	21	11	S	17 W	99.21886	39.07502	1939	3965	-2026 ARB	4030	65 GR WASH	0				
KS	EL	151	A.H.EXPLORATI	1	WASSINGER	1982 NE SE NW	16	11	S	18 W	99.32478	39.09848	1885	3998	-2113 REA	4030	32 GR	1				
KS	EL	152	PRICE	2	FRISBIE	1983 W2 SE NE	18	11	S	18 W	99.35471	39.09735	1908	4070	-2162 ARB	4075	5 GR	1				
KS	EL	153	SOLAR PET.	2	SMITH	1982 NW NW NE	14	12	S	16 W	99.06496	39.01537	1852	3849	-1997 ARB	3867	18 GR WASH/QT	1				
KS	EL	154	DREILING	2M	DREILING	1979 W2 NE SW	4	12	S	17 W	99.21689	39.03619	2125	4153	-2028 ARB	4185	32 GR	1				
KS	EL	155	MURFIN DLG	9	BITTLE	1982 NW SW SW	31	12	S	20 W	99.59313	38.96007	2193	4050	-1857 REA	4073	23 GR	1				
KS	EL	156	MORRIS OIL	4	KOHL	1981 SW SE NE	18	13	S	20 W	99.57968	38.922	2217	4086	-1869 ARB	4144	58 GR WASH	0				
KS	EL	157	DREILING	2	HEYLD SWDW	1974 NE SW SW	26	14	S	16 W	99.07368	38.80104	1832	3636	-1804 ARB	3650	14 GR WASH	0				
KS	EL	158	OKMAR	1	BRUNGARD	1974 NW NW NW	14	14	S	17 W	99.1869	38.84133	1990	3885	-1895 REA	3890	5 QT	7				
KS	EL	159	MIDWAY DLG	1E	LEIKER	1982 SW SW NE	11	14	S	18 W	99.2888	38.85011	1985	3905	-1920 ARB	3915	10 QT	7				
KS	EL	160	FRONTIER OIL	5	KINDERKNC	1978 NW NE SE	8	14	S	19 W	99.45078	38.84805	2215	4050	-1835 ARB	4070	20 GR WASH	0				
KS	EL	161	FRONTIER	5	KINDERKNE	1979 NW NE SE	8															

KS EL	162	N-B COMP	4	KRAMER	1980 SE NW NE	17 14 S	19 W	99.45318	38.83896	2191	40064300 ARB	4014	14 GR		1				
KS EL	163	CENTRAL KAN	1	LUEA	1979 SW SW NE	2 14 S	20 W	99.51095	38.86432	2271	3953 -1682 REA	3966	13 GR WASH		0				
KS EL	164	CENTRAL KAN	1	PFEIFER	1979 NW NW SE	2 14 S	20 W	99.51095	38.86247	2264	3962 -1698 ARB	3996	34 GR WASH		0				
KS EL	165	CENTRAL KAN	1	JOSEPHINE	1979 NE SW NW	11 14 S	20 W	99.51804	38.85151	2242	3942 -1700 REA	3965	23 GR WASH		0				
KS EL	166	LEIKER	3	BEFORT	1981 SE SW NW	7 15 S	17 W	99.25991	38.76313	1983	3854 -1871 REA	3877	23 WEA GR		1				
KS EL	167	DREILING	2	WOLF	1978 S2 NW NE	17 15 S	18 W	99.34451	38.7523	1994	3856 -1862 REA	3870	14 GR		1				
KS EL	168	DREILING	4	GRABBE	1979 SW SW NE	17 15 S	18 W	99.34575	38.74866	1982	3770 -1788 ARB	3826	56 GR WASH		0				
KS EL	169	WISWELL	1	WOLF	1981 NE NW NW	25 15 S	18 W	99.27905	38.725	1948	3793 -1845 REA	3890	97 GR WASH		0				
KS EL	170	ENERGY THREE	1	WERTH	1981 N2 SE NW	25 15 S	18 W	99.27567	38.72138	1961	3832 -1871 REA	3850	18 GR WASH		0				
KS EL	171	WHITE & ELLIS	1	WERTH	1981 NE NW SW	3 15 S	19 W	99.42624	38.77561	2068	3787 -1719 REA	3790	3 GR WASH		0				
KS EL	172	JB & E OIL	21	KL AUS	1981 SE NE SE	36 15 S	20 W	99.48775	38.70114	2112	3765 -1653 REA	3770	5 GR WASH		0				
KS EL	173	OXFORD EXPL	22	BEFORT	1983 E2 SE SE	22 14 S	20 W	99.52301	38.81437	2137	3812 -1675 ARB	3820	8						
KS EL	174	OXFORD EXPL	23	BEFORT	1989 SW NW SW	23 14 S	20 W	99.52068	38.81709	2131	3796 -1665 MAR	3820	24			CUTTINGS		36321 FAIR	SM
KS EL	175	NOBEL PET	B-1	BIEKER	1996 NW NW SE	30 15 S	19 W	99.47598	38.71756	2082	3773 -1691 LKC	3773	0			CUTTINGS (W)		D3610	
KS EL	176	SANDLIN OIL	1	REE	1982 NE NW SW	36 15 S	20 W	99.50153	38.703	2135	3863 -1728 CHE	3870	7						
KS EL	177	PETRO TRUST	1	MENEHAN	1983 NW SW SW	13 15 S	20 W	99.50333	38.74288	2050	3742 -1692 CHE	3779	37						
KS EL	178	SCHLOBOHM	2	UNREIN	1992 NW SE NE	25 15 S	18 W			1967	3774 -1807 REA	3823	49 GR WASH		0				
KS EL	179	BLACK DIAMON	4	BRAUN	1984 SE SE NW	36 15 S	19 W			1994	3592 -1598 ARB	3597	5						
KS EW	1	FRANKFORT	1	KUCK	1955 SE SW NE	8 14 S	10 W	98.45452	38.84994	1811	3884 -2073 REA	4570	686 GR	*	1	CORE	EW-1	GOOD	MD
KS EW	2	DRELING&BOR	1	VOPAT	1968 NE NE NE	34 14 S	10 W	98.41261	38.79713	1638	3472 -1834 REA	3585	113 ARKOSE	*	9	CUTTINGS	EW-2	FAIR	SM
KS EW	3	LARIO ELWELL	1	STATE	1935 SW SW SW	29 15 S	8 W	98.24222	38.71201	1641	3204 -1563 REA	3953	749 METASED	*	9		EW-3	PC-110D	
KS EW	4	SUN OIL	1	BOHATA	1965 C SE NE	15 15 S	9 W	98.3019	38.74935	1595	3493 -1898 REA	3700	207 METASED	*	9	CUTTINGS	EW-4	FAIR	SM
KS EW	5	SUN OIL	1	DURR	1966 C SW SW	34 15 S	9 W	98.31567	38.69853	1713	3136 -1423 REA	3350	214 METASED						
KS EW	6	BORELL	1	MATTAS	1959 NW NW NW	1 15 S	10 W	98.39181	38.78267	1614	3520 -1906 REA	4020	500 METASED	*	9	CUTTINGS	EW-6	POOR	SM
KS EW	7	STEARNS	1	DIABAL	1946 SE SE NE	3 15 S	10 W	98.41273	38.77736	1586	3800 -2214 REA	4115	315 ARKOSE		9	CUTTINGS		POOR	SM
KS EW	8	WRIGHTSMAN	1	KUNKLE	1926 C SW	3 16 S	8 W	98.19713	38.68548	1563	3390 -1827 REA	4445	1055 ARKOSE		9				
KS EW	9	GABBERT-JONE	1	CANNON	1966 C SW SE	6 16 S	8 W	98.24561	38.68371	1617	3020 -1403 REA	3355	335 METASED	*	9	CUTTINGS	EW-9	FAIR	SM
KS EW	10	CONTINENTAL 3A		HODGSON	1953 C SE	32 16 S	8 W	98.22453	38.61272	1684	3878 -2194 REA	3911	33 ARKOSE		9				
KS EW	11	INDEPENDENT		GREGORY	1928 C SW	24 16 S	9 W	98.27135	38.64188	1741	3895 -2154 REA	4009	114 ARKOSE		9	CUTTINGS		POOR	SM
KS EW	12	MAGNOLIA	2	SKALICKY	1948 C SW SW	4 16 S	10 W	98.44046	38.68345	1760	3803 -2043 REA	3886	83 GR		1	CUTTINGS		POOR	SM
KS EW	13	NCRA	5	HARBACEK	1952 W2 NE NW	7 16 S	10 W	98.47389	38.67971	1860	3827 -1967 ARB	3966	139 GR WASH		0				
KS EW	14	ELWELL	5	LANZEL	1947 W2 E2 SE	20 16 S	10 W	98.44656	38.64158	1844	3759 -1915 REA	3762	3 GR		1				
KS EW	15	GULF STANOLIN	1	FREVERT	1936 NE NE NE	21 16 S	10 W	98.42578	38.65142	1880	3894 -2014 REA	3960	66 GR		1				
KS EW	16	MAGNOLIA	6	SCHROEDE	1944 E2 NW SW	26 16 S	10 W	98.40254	38.6287	1827	3857 -2030 REA	3879	22 PK-BIO-GR	*	1	CUTTINGS	EW-16	PC-63	GOOD/F
KS EW	17	MAGNOLIA	7	SCHROEDE	1947 W2 W2 SW	26 16 S	10 W	98.40483	38.62687	1839	3870 -2031 REA	3878	8 GR		1				
KS EW	18	ATLANTIC	5E	STOLIENBG	1943 SE SW SE	27 16 S	10 W	98.41177	38.62415	1810	3823 -2013 REA	3866	43 GR	*	1	CUTTINGS	EW-18		POOR
KS EW	19	ATLANTIC	7E	STOLIENBG	1948 C SW SE	27 16 S	10 W	98.41294	38.62507	1815	3816 -2001 REA	3840	24 GR WASH		0				
KS EW	20	ARTNELL	4B	STOLIENBG	1952 C SW	28 16 S	10 W	98.43846	38.62697	1831	3767 -1936 REA	3801	34 GR GN	*	6	CUTTINGS	EW-20	FAIR	SM
KS EW	21	MURFIN	4B	LOULA	1960 C S2 SE	28 16 S	10 W	98.42918	38.62511	1813	3782 -1969 REA	3807	25 GR WASH/GR		1				
KS EW	22	LAUCK MONCRI	3	MEYER	1947 NE NE NW	35 16 S	10 W	98.39793	38.62236	1836	3878 -2042 REA	3939	61 METASED	*	9	CUTTINGS	EW-22	FAIR	SM
KS EW	23	NCRA(NELSON)	4	JANSSEN	1946 SE SW NE	21 17 S	8 W	98.20714	38.5593	1786	3800 -2014 REA	3995	195 GR WASH		0				
KS EW	24	CONTINENTAL 1A		PLOOG	1937 SE SE SW	27 17 S	8 W	98.19318	38.53747	1777	3800 -2023 REA	3990	190 METASED	*	9	CUTTINGS	EW-24		POOR
KS EW	25	CONTINENTAL	1	BUEHLER	1937 SE SE SE	33 17 S	8 W	98.20238	38.52302	1772	3723 -1951 REA	4277	554 ARKOSE,QT	*	9	CUTTINGS	EW-25		POOR
KS EW	26	CONTINENTAL	12	BUEHLER	1967 C E2 NE	33 17 S	8 W	98.20363	38.53301	1770	3683 -1913 REA	3854	171 ARKOSE	*	9	CUTTINGS	EW-26		POOR
KS EW	27	DAVIS	3	EDWARDS	1936 SE SW SE	34 17 S	8 W	98.1884	38.52302	1785	3857 -2072 REA	3880	23 WEA GR		1				
KS EW	28	BRADLEY	8	MAHONEY	1936 SE SE SE	14 17 S	9 W	98.27634	38.56612	1787	3735 -1948 REA	3876	141 ARKOSE	*	9	CUTTINGS	EW-28		
KS EW	29	HEATHMAN	2	ROLAND	1950 NW NW NE	14 17 S	9 W	98.28329	38.57893	1803	3870 -2067 REA	3915	45 METASED		9				
KS EW	30	EMPIRE	10	ROLFS	1938 SW NE NE	14 17 S	9 W	98.27866	38.57703	1791	3726 -1935 REA	4069	343 GR WASH		0	CUTTINGS		POOR	SM
KS EW	31	EMPIRE	12	ROLFS	1936 NW NE NE	14 17 S	9 W	98.27866	38.57885	1796	3740 -1944 REA	4045	305 RED CLAS	*	9	CUTTINGS	EW-31		POOR
KS EW	32	EMPIRE	13	ROLFS	1937 SE NW NE	14 17 S	9 W	98.28098	38.57708	1795	3725 -1930 REA	4050	325 ARKOSE/QT		9	CUTTINGS			
KS EW	33	GULF	7	MEHL	1949 C S2 N2	18 17 S	9 W	98.35931	38.57429	1795	3792 -1997 ARB	3796	4 QT		7				
KS EW	34	SOHIO	3	WESSELER	1948 SE NW NW	19 17 S	9 W	98.36535	38.56249	1794	3816 -2022 ARB	3817	1 GR		1				
KS EW	35	GULF	5	SCHROEDE	1945 SE SE SW	20 17 S	9 W	98.34126	38.55168	1770	3803 -2033 REA	3808	5 QT		7				
KS EW	36	TEXAS	4	DEES	1939 SE SE NW	23 17 S	9 W	98.28564	38.55901	1779	3785 -2006 ARB	4100	315 METASED	*	9	CUTTINGS	EW-36		POOR
KS EW	37	PHILLIPS(CART 2A		MELCHERT	1937 NE NW SE	23 17 S	9 W	98.28099	38.55713	1786	3776 -1990 REA	4304	528 QT,ARKOSE		7				
KS EW	38	CITIES SERVIC 2C		MOLLHAGEN	1946 NW NW SE	29 17 S	9 W	98.33891	38.54268	1769	3753 -1984 ARB	3824	71 GR WASH		0				
KS EW	39	GULF INTERSTA	2	BUSHTON	1961 SW SW NE	31 17 S	9 W	98.35799	38.52999	1766	3698 -1932 REA	3714	16 GR		1				
KS EW	40	NCRA(PRYOR)	4	STRATMANN	1946 E2 NW NW	1 17 S	10 W	98.38402	38.60693	1820	3830 -2010 REA	3871	41 GR WASH/GR		1				
KS EW	41	B AND R	2	SIEMSEN	1949 S2 NE SE	3 17 S	10 W	98.40833	38.59886	1791	3716 -1925 ARB	3813	97 GR	*	1	CUTTINGS	EW-41	FAIR	SM
KS EW	42	B AND R	3	SIEMSEN	1953 SE NE SE	3 17 S	10 W	98.40717	38.59886	1790	3776 -1986 ARB	3778	2 GR		1				
KS EW	43	NEWMANS	4	JOHANSEN	1966 NW NW NE	6 17 S	10 W	98.46939	38.60802	1912	3824 -1712 ARB	3635	11 GR WASH		0				
KS EW	44	MAGNOLIA	1	ANDREA	1933 NW NW SW	7 17 S	10 W	98.47855	38.58626	1930	3394 -1464 ARB	3396	2 QT	*	7	CUTTINGS	EW-44	PC-74	POOR
KS EW	45	MAGNOLIA	6	ANDREA	1941 NW SW SW	7 17 S	10 W	98.4786	38.58262	1897	3365 -1468 ARB	3366	1 QT		7				
KS EW	46	MOBIL	1	ANDREA	1966 NW SE SW	7 17 S	10 W	98.47398	38.58263	1882	3345 -1463 MAR	3356	11 QT		7				
KS EW	47	SLICK PRYOR	1	BREFFORD	1932 SW SW NW	7 17 S	10 W	98.47852	38.58808	1927	3396 -1466 REA	3407	11 QT	*	7				
KS EW	48	EL DORADO	1	MYERS	1951 NW NW NW	18 17 S	10 W	98.47861	38.57898	1869	3245 -1376 LKC	3259	14 QT		7			EW-47	PC-60-C
KS EW	49	HINKLE	1A	MYERS	1948 SE NW NW	18 17 S	10 W	98.4763	38.57718	1860	3312 -1452 PEN	3316	4 QT		7				
KS EW	50	TRANSWESTER	1	MYERS	1937 SW NW NW	18 17 S	10 W	98.47861	38.57717	1878	3303 -1425 PEN	3306	3 QT		7				
KS EW	51	ELWELL	9	JANSSEN	1946 NW NW NW	29 17 S	10 W	98.46012	38.54993	1808	3514-1470 ARB	3565	51 GR WASH		0				

KS	EW	52	PHILLIPS	3 PATZNER	1938 NW SW SW	30 17 S	10 W	98.47867	38.53906	1820 348RECOMBREA	3555	68 ARKOSE	*	9			CUTTINGS	EW-52		POOR	SM
KS	EW	53	ATLANTIC	6 GEMEINHAR	1943 NW SE SW	31 17 S	10 W	98.47421	38.52454	1798 3390 -1592 REA	3714	324 SC		8							
KS	EW	54	GULF	8 GRIZZELL	1937 SW SE NW	31 17 S	10 W	98.47414	38.52998	1801 3362 -1561 ARB	3491	129 ARKOSE	*	9			CUTTINGS	EW-54		FAIR	SM
KS	EW	55	SKELLY	7 MORAN	1940 S2 NE SE	31 17 S	10 W	98.46381	38.52636	1789 3377 -1588 ARB	3564	187 QT	*	7				EW-55	PC-596		
KS	EW	56	TRANSWESTER	1 STUMPS	1945 SW SW SW	33 17 S	10 W	98.44202	38.52276	1775 3512 -1737 REA	3538	26 QT/SC		7							
KS	EW	57	KANOPOLIS GAS	1 JANSSEN	1973 S2 SW NE	6 16 S	8 W	98.24561	38.69017	1610 3013 -1403 REA	3015	2 GR WASH		0							
KS	EW	58	WILSON EXPL.	2 MILLER	1975 NW NW NW	30 14 S	10 W	98.48378	38.81181	1665 3758 -2093 REA	3800	42 GR		1							
KS	EW	59	BORELL OIL	2 SHANECEC		33 15 S	9 W	98.32734	38.70398								CUTTINGS				
KS	EW	60	BOGER BROS D17-31GRIZZELL	1988 SE NW NE	31 17 S	10 W	98.46719	38.53359	1807 3465 -1658 ARB	3750	285										
KS	FI	1	HELMERICH PAY	1 SCHLEGEL	1979 W2 SW NE	21 21 S	27 W	100.2892	38.21381	2685 5717 -3032 REA	5778	61 GR		1							
KS	FI	2	HELMERICH & P	16 USA /A/	1985 C NE NW	31 26 S	34 W	101.0827	37.74944	3043 6804 -3761 ARB	7044	240									
KS	FR	1	SENTINEL	6 THOMPSON	1917 C NE NE	11 17 S	20 E	95.15813	38.59184	992 2295 -1303 LAM	2322	27 ARKOSE		9							
KS	FR	2	RANTOUL ENERG	KEIM	1981 SW SE SW	1 16 S	18 E	95.37302	38.68233	1020 2582 -1562 ARB	2658	76									
KS	GE	1	WRIGHT	1 YOUNKIN	1928 NW NW NE	17 11 S	5 E	96.89604	39.10214	1222 2940 -1718 ARB	3240	300 GR	*	1			CUTTINGS	GE-1		POOR	SM
KS	GE	2	PIONEER	1 CHASE RAN	1929 SE SE SE	10 12 S	7 E	96.63305	39.01626	1412 2913 -1501 ARB	3638	725 PK GR		1			CUTTINGS			POOR	MD
KS	GE	3	HETZER	1 SULLIVAN	1949 NE NE NE	36 13 S	5 E	96.81687	38.88353	1345 3030 -1685 ARB	3042	12 GR	*	1				GE-3			
KS	GE	4	ENERGY RESER	1 LICHTENHA	1977 SE SE SW	35 11 S	7 E	96.6241	39.04515	1148 2585 -1437 ARB	2596	11 GR		1							
KS	GE	5	CIMARRON	1 SIMPSON	1979 C SW NW	15 12 S	7 E	96.648	39.00977	1313 2840 -1527 ARB	2870	30 GR		1							
KS	GE	6	CFA OIL	1 GLESSNER	1985 NE NE SW	7 13 S	8 E	96.57793	38.93449	1442 2870 -1428 ARB	3050	180 GR	*	1	1616	29 10 CUTTINGS	GE-6		GOOD	MD	
KS	GE	7	CFA OIL	1 AMTHAUER	1985	7 13 S	8 E	96.57561	38.93538	3055	3120	65 GR		1			CUTTINGS			FAIR	MD
KS	GE	8	PATRICK R J O	TULLEY	1983 NW NW SE	34 11 S	7 E	96.64035	39.05051	-1 2612 -1 ARB	2618	6									
KS	GE	9	PATRICK R J O	OTTO	1983 SE NE NE	28 11 S	7 E	96.65234	39.07054	1109 2445 -1336	2545	100									
KS	GH	1	CETAL	1 HIXENBAUG	1941 SE NE NE	1 6 S	21 W	99.60303	39.56467	2134 3530 -1396 MAR	3540	10 GR GN	*	6			GH-1	PC-170			
KS	GH	2	HARTMAN	1 LAPPIN	1949 NW NW NW	1 6 S	21 W	99.61959	39.56651	2174 3583 -1409 MAR	3605	22 WEA GR		1							
KS	GH	3	NADEL GUSSMA	1 PROBST	1947 NW SW SW	1 6 S	21 W	99.61938	39.55598	2115 3505 -1390 MAR	3528	23 QT/GR		7							
KS	GH	4	HARTMAN	1 TEMPLETON	1951 NW NE NE	2 6 S	21 W	99.62424	39.56651	2212 3619 -1407 MAR	3620	1 GR		1							
KS	GH	5	CITIES SERVIC	1 ENGLEBERT	1951 NE NE NE	4 6 S	21 W	99.659	39.56644	2231 3639 -1408 MAR	3644	5 GR WASH		0							
KS	GH	6	REPUBLIC NATU	1 BROBST	1951 SW SW NW	12 6 S	21 W	99.61932	39.54704	2149 3618 -1469 MAR	3663	45 QT	*	7			CUTTINGS/P	GH-6		FAIR	SM
KS	GH	7	GORE B AND R	1 THURLOW	1948 NE NE NE	25 6 S	22 W	99.71391	39.50908	2254 3883 -1629 REA	3910	27 GR WASH/GR		1							
KS	GH	8	APPLEMAN	1 HIBBITTS	1947 SW SW SW	12 7 S	21 W	99.61904	39.45334	2156 3640 -1484 MAR	3673	33 GR GN	*	6			CUTTINGS	GH-8	PC-172		
KS	GH	9	IMPERIAL	1A HOLSMAN	1960 C SE SW	12 7 S	21 W	99.61322	39.45414	2165 3731 -1566 REA	3733	2 WEA GR	*	1							
KS	GH	10	IMPERIAL	1 NEU(TWIN)	1958 SW SE SW	12 7 S	21 W	99.61904	39.45334	2153 3648 -1495 MAR	3705	57 WEA GR	*	1			CUTTINGS	GH-10		FAIR	SM
KS	GH	11	MUSGROVE(SO	1 BRAULT	1960 NW NW NE	20 8 S	21 W	99.68613	39.34967	2064 3685 -1621 ARB	3705	20 GR GN	*	6			GH-11	PC-173			
KS	GH	12	GULF COAST	1 ST JOHNS	1926 SW SW SE	27 8 S	25 W	100.0959	39.32146	2506 5030 -2524 REA	5052	22 QT		7							
KS	GH	13	SINCLAIR	3 ARM BRAUL	1967 NW SW SW	13 9 S	21 W	99.62257	39.26639	2208 4232 -2024 REA	4240	8 GR		1							
KS	GH	14	SINCLAIR HARB	2 BRAULT	1959 W2 SW SW	13 9 S	21 W	99.62257	39.26548	2197 4200 -2003 ARB	4210	10 GR WASH		0							
KS	GH	15	SINCLAR PRAIR	2 BRAULT	1946 NW NE SE	14 9 S	21 W	99.6272	39.27	2249 4248 -1999 REA	4251	3 GR WASH		0							
KS	GH	16	SINCLAIR	3 BRAULT	1950 NE NE SE	14 9 S	21 W	99.62491	39.27	2198 4216 -2018 REA	4222	6 PK GR		1							
KS	GH	17	SOHIO	7 BENSON	1949 NE SE SW	15 9 S	21 W	99.65279	39.26625	2263 4195 -1932 REA	4222	27 WEA GR		1							
KS	GH	18	CONTINENTAL	11 TREXLER	1955 NW NW NW	15 9 S	21 W	99.65975	39.27722	2173 4131 -1958 ARB	4135	4 GR WASH		0							
KS	GH	19	CONTINENTAL	14 TREXLER	1963 SE NE NW	15 9 S	21 W	99.65269	39.27538	2221 4096 -1875 ARB	4100	4 GR WASH		0							
KS	GH	20	BARNETT SHIEL	4 BOLAND	1947 SE SE NW	16 9 S	21 W	99.67144	39.27164	2185 4139 -1954 ARB	4140	1 GR WASH		0							
KS	GH	21	CONTINENTAL	1 KOLSTE	1939 NE NE SE	16 9 S	21 W	99.6622	39.26989	2222 4167 -1945 REA	4218	51 GR		1							
KS	GH	22	AMER. PETRO	12 COOLEY	1965 NE NW NE	17 9 S	21 W	99.68535	39.27703	2242 4180 -1938 REA	4181	1 GR WASH		0							
KS	GH	23	PETRO ATLAS	2 COOLEY(TW	1958 W2 E2 NW	17 9 S	21 W	99.69243	39.2743	2299 4270 -1971 REA	4287	17 GR WASH		0							
KS	GH	24	PETRO ATLAS	8B COOLEY	1950 SW NE NW	17 9 S	21 W	99.69243	39.27521	2305 4257 -1952 REA	4282	25 GR WASH		0							
KS	GH	25	CITIES SERVIC	8 SEEFELD	1952 SW NE NE	18 9 S	21 W	99.70164	39.27521	2260 4234 -1974 REA	4257	23 GR WASH		0							
KS	GH	26	CITIES SERVIC	9B MOREL	1953 SW NE NE	22 9 S	21 W	99.64569	39.26082	2249 4165 -1916 REA	4212	47 GR WASH/GR		1							
KS	GH	27	DERBY	2A COX	1949 SE SE NE	26 9 S	21 W	99.62505	39.2426	2246 4238 -1992 ARB	4251	13 GR WASH		0							
KS	GH	28	WOOD RIVER	7 SANDZEN	1958 SW SW SE	14 9 S	22 W	99.74274	39.26419	2299 4336 -2037 ARB	4372	36 GR WASH		0							
KS	GH	29	SKELLY	3 WHITE	1950 SW NE SW	2 10 S	21 W	99.63629	39.2099	2241 4244 -2003 REA	4288	44 GR WASH		0							
KS	GH	30	FARMER	12 MILLER	1958 NE SE NW	11 10 S	21 W	99.63391	39.20086	2227 4205 -1978 ARB	4208	3 GR		1							
KS	GH	31	JONES SHELBU	5 MILLER	1953 SE NE NW	11 10 S	21 W	99.63391	39.20267	2247 4219 -1972 ARB	4226	7 GR		1							
KS	GH	32	SUNRAY	5 CUSTER	1955 NE NE SE	17 10 S	23 W	99.90398	39.18207	2367 4626 -2259 REA	4635	9 GR		1							
KS	GH	33	M.L. BROWN	1 KEISWETTE	1976 C SE NE	27 6 S	22 W	99.75248	39.50464	2306 3594 -1648 REA	3981	387 GR WASH/GR	*	1	1592	7 7 CUTTINGS	GH-42	C4010	GOOD	MD	
KS	GH	34	PETROLEUM MG	2 LAPPIN	1982 SE NE SW	1 6 S	21 W	99.61237	39.5577	2114 3500 -1386 MAR	3529	29 GRAN		1							
KS	GH	36	L & A OIL	2 CLARK	1981 S2 NE SW	32 8 S	21 W	99.69072	39.31149	2200 3900 -1700 ARB	3925	25 GR		1			CUTTINGS			GOOD	MD
KS	GH	37	GULF COAST	5 ST JOHNS	1930 NE SW SE	27 8 S	25 W	100.0936	39.32325	2506 5037 -2531 REA	5052	15 QT		7							
KS	GH	38	CONTINENTAL	6 TREXLER	1949 SE NW NW	15 9 S	21 W	99.65742	39.27539	2196 4097 -1901 REA	4116	19 GR WASH/GR		1							
KS	GH	39	B&R	2B COX	1950 SE NW NE	26 9 S	21 W	99.62961	39.24261	2288 4238 -1950 ARB	4263	25 GR WASH		0							
KS	GH	40	KAISER	9 BRAGG	1955 NW NE SE	33 9 S	21 W	99.66431	39.22614	2314 4312 -1998 REA	4314	2 QT		7							
KS	GH	41	FRONTIER	3 TOWNS	1980 E2 E2 SW	4 10 S	21 W	99.67126	39.20887	2275 4388 -2113 ARB	4400	12 GR WASH		0							
KS	GH	42	PETROLEUM MG	4 DESBIEN EV	1988 NW NE NE	15 6 S	21 W	99.6424	39.5379	2270 3755 -1485 MAR	3801	46 GR	*	1	1592	7 7 CUTTINGS	GH-42	C4010	GOOD	MD	
KS	GH	44	PETROLEUM MG	1 HOLMQUIST	1987 SW SW SE	10 6 S	21 W	99.64706	39.53971	2219 3882 -1663 ARB	3910	28 GR	*	1	1594	25 10 CUTTINGS	GH-44	C3193	GOOD	MD	
KS	GH	45	PETROLEUM MG	3 HOLYMAN		12 6 S	21 W	99.61113	39.54609	3526		GR		1			CUTTINGS			GOOD	MD
KS	GH	46	THUNDERBIRD	2 PRUITT /B/	1987 SE SE NW	2 7 S	21 W	99.63058	39.47484	2214 3720 -1506 ARB	3755	35					CUTTINGS (W)		C3636		
KS	GH	47	PETROLEUM MG	3 HOLMQUIST	1989 S2 SE SE	10 6 S	21 W	99.64125	39.53971	2257 3778 -1521 MAR	3793	15 GR WASH/GR		1							
KS	GH	48	NOBEL PET	1 WHITE	1995 SE SW NE	3 6 S	21 W	99.64495	39.56116	2217 3620 -1403 LKC	3625	5 GR	*	1			CUTTINGS	GH-48	D2944	FAIR	SM
KS	GH	49	PETROLEUM MG	1 PARKER	1986 SW SW NW	15 6 S	21 W	99.65632	39.53248	2226 3720 -1499 MAR	3760	35 GR	*	1			CUTTINGS (W)		B5673		

KS	GH	50	PETROLEUM MG	1 MORRIS	1986 SE NE NE	12 S	6 S	21 W	99.60297	39.55055	2120 348E-30MAR	3522	23										
KS	GH	51	PETRO MGMT	1 DESBIEN	1985 NE NE SW	13 S	6 S	21 W	99.61219	39.53075	2268 3857 -1589 ARB	3860	3										
KS	GH	52	PETROLEUM MG	3 PARKER	1985 SW SE NW	15 S	6 S	21 W	99.65167	39.53248	2252 3745 -1493 MAR	3757	12										
KS	GH	53	RITCHIE A SCO	1 VOSS	1986 NE SE SE	7 S	6 S	21 W	99.69626	39.54156	2213 3690 -1477 LKC	3696	6										
KS	GH	54	PETROLEUM MG	2 HOLYMAN	1984 NW NW SE	12 S	6 S	21 W	99.60995	39.54519	2209 3678 -1469 MAR	3700	22										
KS	GH	55	RITCHEA A SCO	2 WHITE	1985 NW NW SW	7 S	6 S	21 W	99.71205	39.54523	2219 3730 -1511 LKC	3732	2			CUTTINGS	B8314	FAIR	SM				
KS	GH	56	RITCHIE A SCO	1 WHITE	1990 NE SE SE	7 S	6 S	21 W	99.69626	39.54156	2213 3696 -1483 LKC	3730	34 GR	1		CUTTINGS	B9925	FAIR	SM				
KS	GH	57	RITCHEA A SCO	3 WHITE	1990 NW NW SW	7 S	6 S	21 W	99.71205	39.54523	2219 3732 -1513	3770	38			CUTTINGS	B8229	FAIR	SM				
KS	GH	58	PETROLEUM MG	3 DESBIEN EV	1987 W2 NW NE	15 S	6 S	21 W	99.64704	39.537	2257 3832 -1575 ARB	3846	14			CUTTINGS	C9059	FAIR	SM				
KS	GH	59	PETROLEUM MG	4 HOLMQUIST	1989 SE NE NW	14 S	6 S	21 W	99.63083	39.53613	2269 3780 -1511 ARB	3782	2				B8877	FAIR	VSM				
KS	GH	60	PETROLEUM MG	5 HOLMQUIST	1989 NW SE NW	14 S	6 S	21 W	99.63313	39.53431	2294 3795 -1501	3829	34			CUTTINGS	C4487	FAIR/G	MD				
KS	GH	61	RITICHIE EXPL	1 HOLSMAK K	1988 SW SW SW	12 S	7 S	21 W	99.61904	39.45334	2163 3646 -1483 LKC	3650	4			CUTTINGS	C4218	FAIR	MD				
KS	GH	62	RITICHIE EXPL	1 KEISWETTE	1990 SE SE NE	12 S	6 S	22 W	99.71437	39.54704	2203 3726 -1523	3726	0			CUTTINGS	B8203	FAIR	SM				
KS	GH	63	GRIIGGS	1 WORCHES	1988 NE SE NW	25 S	6 S	22 W	99.72318	39.50551	2307 3932 -1625 REA	3945	13										
KS	GH	64	OXFORD EXPL	RUSH MARY	1986 C SW SE	9 S	6 S	22 W	99.77592	39.54098	2373 4043 -1670 ARB	4063	20										
KS	GH	65	RITICHIE EXPL	1 BENOIT	1988 E2 SE SE	11 S	7 S	21 W	99.62138	39.45428	2162 3656 -1500 ARB	3662	6										
KS	GH	66	WILLIAMSON DR	1 HOLSMAN	1987 NE SE SW	12 S	7 S	21 W	99.61206	39.45502	2155 3638 -1483 ARB	3650	12										
KS	GH	67	WILLIAMSON DR	2 WARREN	1986 SE NW SE	12 S	7 S	21 W	99.60741	39.45675	2110 3652 -1542 ARB	3696	44										
KS	GH	68	THUNDERBIRD	1 PRUITT /B/	1988 SE SW NW	2 S	7 S	21 W	99.63522	39.47481	2211 3761 -1550 ARB	3796	35			CUTTINGS (W)	C2937						
KS	GH	35/43 PET.	MGR	1 LAPPIN	1980 NW NE NW	1 S	6 S	21 W	99.61486	39.56649	2201 3606 -1405 MAR	3612	6 WE A GR	1	1579	9	7	CUTTINGS	GH-43	FAIR	MD		
KS	GH	69	PET MGMT	2 LAPPIN	1982 SE NE SW	1 S	6 S	21 W			2114 3502 -1415 REA	3529	27 GR	1									
KS	GO	1	CITIES SERVIC	1 VICTORY LI	1940 W2 W2 NW	36 S	13 S	30 W	100.6109	38.88445	2780 5161 -2381 ARB	5169	8 GR	*	1								
KS	GW	1	PHILLIPS	6 S-D&A UNIT	1952 SW NW NW	12 S	22 S	10 E	96.26483	38.15564	1229 3285 -2056 LAM	3743	190 SC/GR	*	8								
KS	GW	2	SINCLAIR	7 BROWNING	1955 NW SW SW	20 S	22 S	10 E	96.33854	38.11745	1459 3565 -2106 LAM	3595	30 GR	*	1								
KS	GW	3	CITIES SERVIC	99 S TEETER	1961 SW NE SW	16 S	23 S	9 E	96.42561	38.04734	1595 3634 -2039 ARB	3663	29 GR GN	*	6								
KS	GW	4	PHILLIPS	2D BEAL	1951 W2 SE SE	21 S	23 S	11 E	96.19826	38.02965	1169 3115 -1946 LAM	3177	62 GR WASH/GR	*	1								
KS	GW	5	ORLANDO	1 BREITKREU	1924 SW NE SW	4 S	24 S	10 E	96.31847	37.98925	1365 3484 -2119 ARB	4774	1290 MI-SC	*	8								
KS	GW	6	WALLINGFORD	1 MCCAMMON	1967 SW SW NW	36 S	25 S	9 E	96.37858	37.8332	1155 3247 -2092 REA	3333	86 GN	*	6								
KS	GW	7	TIDEWATER	1 HULL	1955 C S2 N2	2 S	26 S	8 E	96.49804	37.81953	1425 3595 -2170 ARB	3599	4 GR	*	1								
KS	GW	8	MCGINNIS	4 MCGINNIS	1967 SE NW SW	25 S	26 S	12 E	96.04822	37.75436	1060 2513 -1453 ARB	2940	427 INTERMED	*	3	1380	33	3	GW-8-1,2,3,4,5	GOOD	SM		
KS	GW	9	EMPIRE	1 EDGAR	1918 C NE SE	35 S	27 S	8 E	96.49129	37.65586	1447 3470 -2033 ARB	3860	390 RED SAND		9								
KS	GW	10	JAMISON	1 DIXON	1925 NE SE SW	18 S	28 S	9 E	96.46304	37.6097	1433 3770 -2337 ARB	4020	250 GR		1								
KS	GW	11	MASEK OIL	32 FARMER	1982 C SW NE	29 S	24 S	10 E	96.33109	37.93568	1267 3375 -2108 REA	3879	504 QZ_SC		8								
KS	GW	12	OCELOT OIL	11 COULTER	1981 C NE SW	5 S	25 S	9 E	96.44598	37.90321	1168 3400 -2232 ARB	3655	255 QT-SC		8								
KS	GW	13	JONES-ARKANS	1 HALL	1923 NW NE SW	28 S	25 S	11 E	96.20832	37.84557	1048 2979 -1931 ARB	2980	1 GR ?		1			CUTTINGS (W)	H1427				
KS	GW	14	MASEK OIL	14 HUNTINGTO	1982 C SW SW	5 S	27 S	10 E	96.34098	37.72467	1172 3310 -2138 REA	3560	250 GR WASH		0								
KS	GW	15	LAUCK OIL	1 FEE	1978 C NE SW	33 S	27 S	13 E	95.98991	37.65293	1043 2292 -1249 ARB	2325	33 GR		1			CUTTINGS (W)	J5120				
KS	GY	1	LADD PET	1 REED	1983 NE NE NW	3 S	29 S	30 W	100.5893	37.56121	2772 7316 -4544 ARB	7350	34										
KS	HG	1	PICKRELL	3 SELFBRIDGE	1960 C SE SE	8 S	21 S	22 W	99.75552	38.23453	2261 4603 -2342 VIO	4612	9 RHYOLITE	*	2			CUTTINGS	HG-1	PC-28	GOOD	SM	
KS	HG	2	SUNRAY MID CO	1 HOAGLAND	1961 C NE NE	10 S	21 S	22 W	99.719	38.24553	2189 4720 -2531 ARB	4730	10 RHYOLITE	*	2			CUTTINGS	HG-2		FAIR	SM	
KS	HG	3	GLASS	1B WIELAND	1958 NW SW SE	16 S	21 S	22 W	99.74284	38.22089	2273 4603 -2330 VIO	4627	24 RHYOLITE	*	2			CUTTINGS	HG-3	PC-32	FAIR	SM	
KS	HG	4	COLORADO	1 ANTRIM	1960 C SE NW	18 S	21 S	22 W	99.78257	38.22724	2294 4653 -2359 VIO	4664	11 RHYOLITE	*	2			CUTTINGS	HG-4	PC-16	GOOD	MD	
KS	HG	5	PICKRELL	1 HOLLINBEC	1963 C NW SE	13 S	21 S	24 W	99.90609	38.22415	2372 4777 -2405 SIM	4804	27 RHYOLITE	*	2			CUTTINGS	HG-5	PC-220	GOOD	SM	
KS	HG	6	TEXAS	1 LIPPODT	1963 C SE NW	14 S	23 S	23 W	99.81859	38.05289	2294 5230 -2936 ARB	5232	2 RHYOLITE	*	2			CUTTINGS	HG-6		POOR	SM	
KS	HG	7	ARMER KOPLIN	4 SCHRAEDER	1951 SE NW NW	3 S	24 S	24 W	99.95073	37.99767	2481 5225 -2744 ARB	5234	9 RHYOLITE	*	2			CUTTINGS/P/HG-7					
KS	HG	8	GIANT EXPL	1 FOSTER	1990 SW SE SW	15 S	24 S	25 W	100.0579	37.95763	2551 6435 -3884 ARB	6535	100 GR		1			CUTTINGS (W)	C9008	POOR			
KS	HS	1	TEMA-MESA	1 DICKERSON	1980 W2 NE SW	33 S	29 S	34 W	101.0471	37.48045	2995 7326 -4331 ARB	7400	74 GR	*	1	1354	26	6	CUTTINGS	HS-1		GOOD	MD
KS	HS		AMOCO PET	1 KING	1984 C SW NE	13 S	30 S	33 W	2928	7649	-4721 REA	7650	1			KS	HS		HASKELL				
KS	HV	1	CONTINENTAL	1 WESTERMA	1936 NW NW NW	5 S	22 S	1 W	97.46223	38.17289	1462 4074 -2612 REA	4078	4 QT		7			CUTTINGS			POOR	SM	
KS	HV	2	KANTOR	9 NEUFELD	1967 SW SE NW	8 S	22 S	3 W	97.67816	38.15306	1457 4344 -2887 REA	4371	27 ARKOSE	*	9				HV-2		POOR	SM	
KS	HV	3	SINCLAR PRAIR 2A	NEUFELD	1941 SE NE SE	18 S	22 S	3 W	97.68506	38.1349	1435 4325 -2890 REA	4365	40 WE A GR		1								
KS	JA	1	VENUS	1 PICKETT	1971 NE SW SE	1 S	6 S	12 E	96.02256	39.55323	1270 3517 -2247 SIM	3539	22 GR	*	1			CUTTINGS	JA-1		POOR	SM	
KS	JA	2	MINDENHALL	1 OWING	1964 C SE NE	32 S	7 S	13 E	95.98167	39.39973	1255 3602 -2347 SIM	3605	3 GR	*	1			CUTTINGS	JA-2		FAIR	SM	
KS	JA	3	ROCKET	1 BREES	1957 C NE NE	31 S	8 S	13 E	96.00012	39.31627	1142 3370 -2228 LAM	3402	32 ARKOSE		9			CUTTINGS			GOOD	SM	
KS	JA	4	ANSCHUTZ	1 MARSHALL	1965 C SE NE	12 S	9 S	12 E	96.01853	39.28371	1074 3375 -2301 REA	3382	7 GR		1								
KS	JA	5	TRANSOCEAN	1 RIESCHICK	1975 E2 NW SW	27 S	6 S	13 E	95.95729	39.49792	1185 3675 -2490 ARB	3992	317 GR	*	1			CUTTINGS (WA-5)	A3319				
KS	JA	6	TRANSOCEAN	1 MC CANN	1978 N2 NE NE	26 S	6 S	13 E	95.9257	39.5062	1316 3810 -2494 ARB	3837	27 GR	*	1			CUTTINGS	JA-6		FAIR/P	MD	
KS	JA	7	MIURA PET	7 HLADKY	1987 SW NW NW	22 S	7 S	13 E	95.95984	39.4316	1172 3497 -2325 SIM	3730	233 GR GN	*	6	1667	7		CUTTINGS (WA-7)		GOOD	LG	
KS	JA	8	MCCULLOCH OI	1 PICKETT /B	1972 NE SW SE	1 S	6 S	12 E	96.02256	39.55323	1270 3517 -2247 SIM	3539	22 GR		1								
KS	JF	1	NORTHERN	1 WINCHESTE	1923 NE NW NW	13 S	9 S	19 E	95.25102	39.27343	1073 3085 -2012 ARB	3615	530 GRNDIO		1			CUTTINGS			POOR	MD	
KS	JO	1	KASPER	1 JAMES	1937 N2 NE NW	8 S	13 S	25 E	94.66036	38.94114	861 2273 -1412 ARB	2276	3 PK GR	*	1			CUTTINGS (WO-1)	A7169				
KS	JO	2	SEMINOLE	1 HARRINGTO	1929 NE NE SW	12 S	14 S	22 E	94.91917	38.84648	1026 2407 -1381 LAM	2450	43 BIO-GR	*	1			CUTTINGS	JO-2		POOR	SM	
KS	JO	3	PRYOR OIL	1 ROBERTS B	1992 NE SW SW	11 S	14 S	22 E	94.94222	38.84287	1040 2317 -1277 ARB	2321	4 GR		1			CUTTINGS		D0246	FAIR	SM	
KS	JW	1	COASTAL O&G ###	SCHMITT	1988 C SW SW	30 S	5 S	10 W	98.5024	39.58386	1530 4173 -2643 ARB	4200	27 GR	*	1	1661	26		CUTTINGS	JW-1		GOOD	MD
KS	JW	2	SIRROCCO O&G	1 OLSEN	1987 SW SE NE	21 S	2 S	7 W	98.10371	39.86547	1731 4420 -2689 ARB	4420	0										
KS	JW	3	PRIJATEL	21-1 OLSEN	1989 SW SE NE	21 S	2 S	7 W	98.10371	39.86547	1731 4420 -2689 ARB	4420	0										
KS	KE	1	STANOLIND	1 JUDD	1940 C SE SE	15 S	21 S	38 W	101.4709	38.22187	3347 6050 -2703 ARB	6071	21 WE A GR	*	1			CUTTINGS	KE-1		GOOD	MD	
KS	KE	2	AMOCO	LONGWOOD		35 S	23 S	37 W	101.3492	38.0096	3250 6525 -3275 REA	6551	26 GR		1	1666	8	7	CUTTINGS/CORE		GOOD	MD	
KS	KM	1	SKELLY	1A MILES	1956 NE NE NE	30 S	27 S	10 W	98.44751	37.67359	1675 4936 -2525 REA	4951	21 CH-GR	*	1			CUTTINGS/CKM-2			GOOD	MD	

KS	LB	1	PHILLIPS	1	RAGO	1954	NW	NW	NW	15	30	S	7	W	98.07961	37.44181	1442	5485	4000	REA	5493	25	RHYOLITE	*	2			CUTTINGS	KM-1		FAIR	SM
KS	LB	1	LABETTE	1	BRADFORD		SW	SW	NE	5	31	S	19	E	95.34783	37.37748	957	2155	-1198	ARB	2173	18	RED GR		1							
KS	LB	2	GLORE	1	WERT	1939	C	NE	SE	17	31	S	21	E	95.12401	37.34571	856	1886	-1030	LAM	1893	7	PK GR	*	1			CUTTINGS	LB-2		POOR	SM
KS	LB	3	NEOSHO VALLE	3	WACKERLE		C	SE	NW	1	35	S	19	E	95.2793	37.02814	918	1318	-400	ARB	1351	33	RHYOLITE	*	2				LB-3			
KS	LC	1	TERRA RES	1	HOMIER	1979	E2	SE	NE	14	13	S	10	W	98.39389	38.92358	1724	4100	-2376	REA	4210	110	METASED ?		9							
KS	LG	1	MORGAN FLYNN	1	MC MILLEN	1937	C	NW	9	13	S	37	W	101.4385	38.94353	3143	5430	-2287	ARB	5465	35	RHYOLITE	*	2			LG-1	PC-168B				
KS	LG	2	ALMA	1	WATCHORN	1935	C	SW	NE	13	15	S	33	W	100.935	38.75138	2780	5660	-2880	ARB	5750	90	WEA GR/GR	*	1			LG-2	PC-224			
KS	LG	4	LEBSACK ETAL	1	SETTLE	1950	NE	NW	NE	4	13	S	36	W	101.3194	38.96137	3012	4359	-1347	LKC	4611	252	QT		7			CUTTINGS			FAIR	MD
KS	LV	1	CALLISON	1	KIRK	1950	SE	SW	NE	35	7	S	22	E	0	0	777	2745	-1968	LAM	2850	5	GR		1							
KS	LV	2	MCGREEVY	1	MCGREEVY	1956	SW	SW	NE	24	10	S	22	E	94.90874	39.16592	961	2663	-1702	LAM	2698	35	GR WASH/GR	*	1				LV-2			
KS	LY	1	JOHNSTON	1	VENNING	1956	SW	SW	SE	32	15	S	10	E	96.32433	38.69636	1395	3359	-1964	SIM	3360	1	QT		7			CUTTINGS 9W)		14811		
KS	LY	2	BULLA	1	RICHARDS	1951	NE	NE	SE	6	16	S	10	E	96.33627	38.68752	1350	3224	-1874	SIM	3234	10	QT	*	7			CUTTINGS	LY-2		GOOD	SM
KS	LY	3	MACK	5	KIZLER	1970	SW	NW	NE	21	16	S	10	E	96.30639	38.64939	1371	3408	-2037	REA	3432	24	QT	*	7			CUTTINGS	LY-3		GOOD	SM
KS	LY	4	MIDGE	1	DAY	1952	NE	NE	SE	16	16	S	11	E	96.18904	38.65785	1393	3113	-1720	SIM	3134	21	QT	*	7			CUTTINGS	WY-4		54305	
KS	LY	5	WHITE ELLIS	1	KAMISKY	1957	SE	SW	SW	4	17	S	10	E	96.31285	38.59486	1240	3035	-1795	SIM	3043	8	SC OR GN		8			CUTTINGS			FAIR	SM
KS	LY	6	ELMHURST	1	MASON	1920	E2	SE	NE	24	18	S	12	E	96.02492	38.47222	1207	3177	-1970	ARB	3419	242	ARKOSE		9							
KS	LY	7	BRADLEY	1	MOUNKES	1971	NW	SE	SW	27	18	S	13	E	95.96251	38.45132	1207	3022	-1815	REA	3030	8	GR	*	1			CUTTINGS	LY-7		GOOD	SM
KS	LY	8	DOVER PET.	1	KEARN	1982	SE	SW	SW	6	18	S	12	E	96.12977	38.50727	1187	3295	-2108	REA	3320	25	GR		1			CUTTINGS (W)		J2751		
KS	LY	9	DOVER PET.	1	EVANS	1982	SE	SE	SE	17	18	S	12	E	96.09872	38.47851	1213	3315	-2102	REA	3420	105	GR		1			CUTTINGS (W)		J2752		
KS	LY	10	DOVER PET.	1	PEARSON	1982	SE	SW	SE	8	19	S	13	E	95.99277	38.40593	1102	2950	-1848	REA	3008	58	GR		1			CUTTINGS (W)		J2748		
KS	LY	11	BASIN EXPL	2-D	CASEY	1989		NW	SW	32	15	S	10	E	96.33238	38.70094	1356	3236	-1880	SIM	3252	16										
KS	LY	12	BASIN EXPL	1-D	CASEY	1989				32	15	S	10	E	96.32543	38.70273	1428	3329	-1901		3329											
KS	LY	13	DOVER PET	1	EVANS	1985	SE	SE	SE	17	18	S	12	E	96.09872	38.47851	1224	3260	-2036	ARB	3425	165										
KS	LY	14	DOVER PET	1	KEARN	1985	SE	SW	SW	6	18	S	12	E	96.12977	38.50727	1196	3264	-2068	ARB	3325	61										
KS	MC	1	MURFIN	1	WESSLING	1953	SE	SE	NE	35	6	S	7	W	98.06089	39.48875	1446	4290	-2844	REA	4555	265	QT	*	7			CUTTINGS	MC-2		GOOD	SM
KS	MC	2	KAI OIL	1	THIEROLF	1973	SW	SW	SE	34	6	S	6	W	97.97456	39.48199	1511	4308	-2797	ARB	4320	12	QT	*	7			CUTTINGS	MC-1		FAIR	MD
KS	MG	1	LAYTON	1	GROSSMAN	1952	SE	SE	NW	12	31	S	16	E	95.6122	37.3633	913	2342	-1429	ARB	2358	16	GR WASH/GR		1							
KS	MG	2	PEAKER	1	SMITH	1955	C	NE	SW	27	31	S	16	E	95.64935	37.3174	809	2290	-1481	LAM	2291	1	GR		1							
KS	MG	3	FRANKFORT	1	CARTER	1954	NE	NE	NW	23	32	S	14	E	95.84767	37.25423	818	2400	-1582	LAM	2487	87	RHYOLITE	*	2				MG-3			
KS	MG	4	STEVENS	1	UITTS	1954	C	SE	SE	7	32	S	16	E	95.69487	37.27042	770	2330	-1560	LAM	2550	220	RED GR-GN		6							
KS	MG	5	PITTMAN	1	GRESSELL	1960	NW	SW	SW	8	32	S	16	E	95.69149	37.27127	770	2320	-1550	ARB	2360	40	GR WASH/GR		1							
KS	MG	6	STEVENS CRISS	1	UITTS	1954	NE	NE	NE	18	32	S	16	E	95.69374	37.26768	766	2320	-1554	LAM	2334	14	RHYOLITE	*	2			CUTTINGS	MG-6		POOR	MD
KS	MG	7	HYDRAULIC	1	BEAL	1930	SW	SW	NW	12	33	S	14	E	95.8364	37.19063	875	2536	-1661	ARB	2541	5	RED GR		1							
KS	MG	8	CONSOLIDATED	1	RAIL	1922	S2	SW	SE	7	33	S	15	E	95.80807	37.18312	852	2535	-1683	ARB	2550	15	GR		1							
KS	MG	9	HAYES	10	CEMENT PL	1955	NW	SW	NE	5	33	S	16	E	95.68239	37.20602	781	1344	-563	ARB	1354	10	RED GR-GN		6							
KS	MG	10	GOODBAR	1	REECE	1957	NW	NW	SE	12	33	S	16	E	95.60968	37.18742	868	1762	-894	ARB	1767	5	RHYOLITE	*	2				MG-10			
KS	MG	11	KATHOL	3	COLEMAN	1968	SW	NW	SE	4	33	S	17	E	95.54718	37.19813	752	1534	-782	ARB	1562	28	RHYOLITE	*	2			CUTTINGS	MG-11		POOR	MD
KS	MG	12	BROWN	1	MILLER		C	NW	NE	33	33	S	17	E	95.54671	37.1335	746	2155	-1409	ARB	2160	5	RED GR		1							
KS	MG	13	EMPIRE	1	POCOCK	1921	E2	SW	NE	11	34	S	13	E	95.9519	37.1053	764	2700	-1936	LAM	2829	129	ARKOSE		9							
KS	MG	14	FRANKFORT	1	HADDEN-W	1954	N2	SE	NE	4	34	S	15	E	95.76694	37.11946	820	2472	-1652	LAM	2482	10	GR WASH/GR		1							
KS	MG	15	FRANKFORT	1	MEREDITH	1954	NE	NE	NE	15	34	S	17	E	95.52267	37.0905	773	2290	-1517	LAM	2340	50	GR WASH/GR		1							
KS	MG	16	VEEDER	1	SCHUMAKE	1954	C	SW	SE	11	35	S	13	E	95.95278	37.01117	731	2806	-2075	LAM	2837	31	GR		1							
KS	MG	18	EMERY	1	GILLAM	1952	C	NE	NE	4	35	S	15	E	95.76678	37.03506	851	2355	-1504	ARB	2405	50	RED GR	*	1			CUTTINGS	MG-18		FAIR	SM
KS	MG	19	THOMPSON*HIL	10	SPRINGER	1981	SW	SW	SE	28	32	S	14	E	95.88175	37.22722	885	2104	-1219	ARB	2132	28	RHYOLITE		2							
KS	MG	20	MASEK OIL	1	HAY	1981	SE	NE	NW	25	33	S	13	E	95.93804	37.15145	863	2830	-1967	ARB	2872	42	RHYOLITE ?		2							
KS	MG	21	MASEK OIL	1	WATSON	1982	E2	SE	NW	25	34	S	13	E	95.93826	37.06176	854	2770	-1916	ARB	3377	607	GR WASH		0							
KS	MG	22	SHERWIN-WILLI	3	S.W.D.W.	1980	SE	SW	NE	34	34	S	16	E	95.64375	37.04441	750	2200	-1450	ARB	2381	181	RHYOLITE		2							
KS	MG	23	SHERWIN-WILLI	2	S.W.D.W.	1979	SW	SW	NE	34	34	S	16	E	95.64601	37.04443	753	2170	-1417	ARB	2399	229	RHYOLITE		2							
KS	MI	1	ARROYA	1	LEE	1927	SW	SW	SW	16	16	S	23	E	94.88129	38.65168	894	2233	-1339	LAM	2507	274	ARKOSE	*	9				MI-1-1,2, 3,4			
KS	MI	2		1	PAOLA					16	17	S	23	E	94.87277	38.57082	900	2250	-1350	ARB	2500	250	GR		1							
KS	MI	3	OSAWATOMIE	1	CITY DUMP		NE	NE	SW	12	18	S	22	E	94.92863	38.49737	846	2085	-1239	LAM	2570	485	ARKOSE/GR		9							
KS	MI	4	HOUSTON OIL M	1	PAYNE	1978	NE	NW	NE	19	18	S	23	E	94.90557	38.47534	858	2095	-1237	LAM	2145	50	GR		1	1361	6	CORE	MI-4		GOOD	MD
KS	MI	5	HOUSTON OIL &	1	TOM PAYNE	1979	SE	SW	SE	18	18	S	23	E	94.90559	38.47716	850	2099	-1249	REA	2148	49						CORE				
KS	MN	1	ANDERSON PRI	1	JOST	1955	SW	NW	SW	22	19	S	2	E	97.20466	38.38155	1400	3062	-1662	SIM	3082	20	QT	*	7			CUTTINGS	MN-1		FAIR	SM
KS	MN	2	ANDERSON PRI 1D	1	SCULLY	1955	NW	NW	NE	28	19	S	2	E	97.21384	38.37611	1400	3113	-1713	SIM	3115	2	QT		7			CUTTINGS (W)		47039		
KS	MN	3	SHARP																													

KS	MN	17	WATCHORN		26	TOWNSEND	1925 E2 NE SE	5	22 S	4 E	97.0061	38.16432	1426	320E-36N LAM	3315	115 GR	*	1						
KS	MN	18	WATCHORN		1	MILNE	1920 SE NE NE	7	22 S	4 E	97.02457	38.15632	1435	3323 -1888 ARB	3616	293 HORNBLD SC	*	8						
KS	MN	19	PHILLIPS		1	CLARK	1951 NE NW SE	15	22 S	4 E	96.97423	38.13597	1478	3239 -1761 REA	3247	8 GR	*	1	CUTTINGS (WMN-19)				33583	
KS	MN	20	TURKEY CREEK		1	HEATH	1919 SW SW NE	15	22 S	5 E	96.86641	38.13734	1415	3010 -1595 ARB	3031	21 GR	*	1						
KS	MN	21	HILLENBURG		1	REAMEY	1974 NW NE NE	20	21 S	4 E	97.00889	38.21595	1388	3035 -1647 REA	3080	45 QZ SC	*	8	CUTTINGS (W)				70139	
KS	MN	22	DRILLERS PROD		1	SPIER	1977 NW NE NE	8	22 S	4 E	97.00839	38.15805	1428	3137 -1709 ARB	3172	35 GR WASH	*	0						
KS	MN	23	HILLENBURG OI		36	REAMEY	1980 SE SE NE	20	21 S	4 E	97.00656	38.21049	1367	3074 -1707 REA	3090	16 QT_SC	*	8	CUTTINGS (W)				J2666	
KS	MN	24	HILLENBURG OI		3	WILSON	1983 NW NW NW	21	21 S	4 E	97.00443	38.21594	1369	3087 -1718 REA	3110	23 GR	*	1	CUTTINGS (W)				A7270	
KS	MN	25	DRILLERS & PR		3	BURTON	1981 SE NE NW	15	22 S	4 E	96.97874	38.14147	1484	3243 -1759 REA	3270	27 GR WASH	*	0						
KS	MN	26	DIAMOND SHAMR			OBOURNY JO	1986 N2 NW NW	12	18 S	2 E	97.16688	38.50675	1446	3624 -2178 ARB	3670	46	*		CUTTINGS				36807 GOOD	VSM
KS	MP	1	WESTGATE GRE		2	ROBINSON	1949 NW SW SE	31	17 S	1 W	97.47194	38.52454	1352	3803 -2451 REA	3915	112 WEA GR	*	1						
KS	MP	2	AUTO ORDANANC		1	MELANDER	1942 C SW NW	9	17 S	3 W	97.66424	38.58899	1332	3980 -2648 REA	4092	112 BASALT	*	5	MP-2 PC-154C					
KS	MP	3	BARBARA		5	TECTER	1949 W2 SE NE	9	18 S	1 W	97.43011	38.50165	1390	3810 -2420 ARB	3910	100 WEA GR	*	1						
KS	MP	4	PHILLIPS		3	TECTER	1944 SW NE NW	10	18 S	1 W	97.42088	38.50437	1372	3870 -2498 ARB	3967	97 BASALT	*	5	CUTTINGS MP-4-1,2				FAIR	MD
KS	MP	5	BRUNSON		1E	STUCKY	1956 SW NW SE	33	20 S	3 W	97.65628	38.26518	1456	4345 -2889 REA	4352	7 QT	*	7						
KS	MP	6	SINCLAIR		8	MOREHOUS	1939 SE NW NE	4	21 S	3 W	97.65289	38.25796	1451	4339 -2888 REA	4430	91 RHYOLITE	*	2	CUTTINGS MP-6				FAIR	MD
KS	MP	7	SINCLAIR		12	MOREHOUS	1957 S2 NE NE	4	21 S	3 W	97.65174	38.25797	1457	3953 -2496 REA	4450	497 ARKOSE	*	9						
KS	MP	8	LAW & SPEAR		9	STUCKY	1971 SE NE SE	9	21 S	3 W	97.64844	38.23655	1453	3986 -2533 REA	4402	416 METASED	*	9						
KS	MP	9	IND.LEASE MGM		7	NIKKEI	1966 S2 S2 N2	33	21 S	3 W	97.65636	38.18206	1462	4297 -2835 REA	4318	21 GR WASH	*	0						
KS	MP	10	PENN WEST PET		1	LANDER	1981 NE NW SW	19	17 S	3 W	97.6996	38.56454	1348	4054 -2706 REA	4089	35 ARKOSE	*	9						
KS	MP	11	SIERRA PET.		5	LANDGREN	1982 SW SW NW	6	18 S	3 W	97.70193	38.51553	1375	4086 -2711 REA	4190	104 ARKOSE	*	9						
KS	MP	12	C & E OPERATO		6	HULL	1981 SE SE SW	11	19 S	2 W	97.5109	38.40682	1564	3962 -2398 ARB	4041	79	*							
KS	MP	13	TOMKAT LTD		3	DUNKELBER	1983 NW SE SW	11	19 S	2 W	97.50382	38.4086	1558	3948 -2390 ARB	4025	77	*							
KS	MP	14	LAW PROD		10	STUCKY J/	1985 SE NE SE	9	21 S	3 W	97.64844	38.23655	1447	4013 -2566 REA	4292	279	*		CUTTINGS (W)				C7861	
KS	MR	1	REX MORRIS MO		1	BUCHMAN	1962 C NE NE	4	14 S	8 E	96.52235	38.86797	1525	2424 -899 ARB	2428	4 GR	*	1	CUTTINGS MR-1				FAIR	SM
KS	MR	2	ALTA VISTA		1	TAYLOR	1927 NE NE SW	5	14 S	8 E	96.54922	38.86174	1548	2480 -932 ARB	2505	25 GR	*							
KS	MR	3	FRANKS		1	NELSON	1944 C SE SW	6	15 S	7 E	96.69778	38.77035	1419	2976 -1557 LAM	2988	12 GR	*	1	CUTTINGS MR-3				FAIR	MD
KS	MR	4	CODSEN(ECHO)		1	WHITTING	1916 C SW	24	15 S	7 E	96.60757	38.72858	1392	2512 -1120 ARB	2553	41 GR	*	1						
KS	MR	5	LINCOLN		1	BRECKBILL	1951 NE SE SE	24	16 S	5 E	96.82043	38.64112	1472	3066 -1594 ARB	3069	3 GR	*	1	CUTTINGS MR-5				FAIR	SM
KS	MR	6	MESA		6.1	PEARSON	1967 NW NE NE	6	16 S	7 E	96.69272	38.69505	1451	2542 -1091 ARB	2570	28 GR WASH/GR	*	1	CUTTINGS (W)				39676	
KS	MR	7	GENERAL UTILI		1	HEIGLE	1928 NW NW SE	11	16 S	7 E	96.62371	38.67378	1520	2040 -520 ARB	2069	29 GR	*	1	CORE MR-7				GOOD	SM
KS	MR	8	WESTGATE GRE		1	ORPHANS	1948 SE SE SE	15	16 S	7 E	96.63556	38.65385	1460	2155 -695 ARB	2170	15 GR	*	1	CUTTINGS MR-8				GOOD	SM
KS	MR	9	LESLIE		1A	MCCONNEL	1958 SE SE SE	14	16 S	9 E	96.37273	38.65343	1264	3132 -1868 SIM	3169	37 QT	*	7	CUTTINGS (WMR-9)				14956	
KS	MR	10	GRUENERWALD		1	JOHNSON	1960 C NE SE	33	16 S	9 E	96.41054	38.61437	1238	3089 -1851 SIM	3103	14 GR WASH/GR	*	1	CUTTINGS MR-10				POOR	SM
KS	MR	11	KIDD		1	ANDERSON	1966 SE SW NE	2	17 S	6 E	96.73199	38.60275	1464	2336 -872 ARB	2355	19 GR	*	1	CUTTINGS (W)				65207	
KS	MR	12	REX MORRIS		1	ANDERSON	1959 NE NE NE	12	17 S	6 E	96.70899	38.59358	1458	2104 -646 ARB	2135	31 GR	*	1	CUTTINGS (WMR-12-1,2)				16895	
KS	MR	13	FORRESTER		1	MANGLE	1920 NW NW SE	6	17 S	7 E	96.69759	38.60097	1538	2300 -762 ARB	2560	260 GR	*	1						
KS	MR	14	CONTINENTAL		1	BLYTHE	1966 SE SE SE	13	17 S	7 E	96.59808	38.56663	1433	3588 -2155 ARB	3630	42 GR	*	1						
KS	MR	15	WESTGATE GRE		1	MEYERS	1949 SE SW SW	23	17 S	7 E	96.63042	38.55211	1523	2155 -632 ARB	2244	89 GR	*	1	CUTTINGS MR-15				FAIR	MD
KS	MR	16	STANOLIND		1	CARPENTER	1955 SW SE SE	29	17 S	7 E	96.67441	38.53741	1486	2140 -654 ARB	2153	13 GR WASH/GR	*	1	CUTTINGS MR-16				GOOD	SM
KS	MR	17	STANOLIND		1	VEAL	1955 NE NE SE	30	17 S	7 E	96.69063	38.54287	1442	1875 -433 MAR	2005	130 GR WASH/GR	*	1	CUTTINGS (WMR-17)				25395	
KS	MR	18	EMPIRE		1	MOFFETT	1916 C NE NE	34	17 S	7 E	96.63631	38.53473	1526	2520 -994 REA	2607	87 GR	*	1	CUTTINGS MR-18				POOR	SM
KS	MR	19	CONOCO INC.		1	HOLM	1983 SE SW SE	18	14 S	8 E	96.5687	38.82749	1456	2719 -1263 ARB	2753	34 QT MONZON	*	1						
KS	MR	20	CIMARRON		1	KICKHOSER	1979 C SW NW	22	15 S	5 E	96.86923	38.73416	1392	2864 -1472 SIM	3004	140 WEA GR	*	1	CUTTINGS (W)				J7017	
KS	MR	21	BROWN M.L.		3	VIARS	1978 NE SE NE	23	16 S	9 E	96.3727	38.64799	1249	3070 -1821 SIM	3107	37 QT	*	7	CUTTINGS (W)				A4972	
KS	MR	22	BENSON MIN.		1	SHEARER	1978 C SW	15	17 S	7 E	96.64787	38.56935	1481	1912 -431 MAR	1982	70 GR	*	1	CUTTINGS (W)				A4162	
KS	MR	23	BENSON MIN.		1	RINDT	1978 C NW SW	16	17 S	7 E	96.66878	38.57106	1527	2076 -549 ARB	2083	7 GR	*	1	CUTTINGS (W)				J8064	
KS	MS	1	DAVON		1	SCHAEFFER	1950 NW NW SW	20	1 S	6 E	96.78629	39.95009	1257	2699 -1442 SIM	2715	16 GR	*	1	MS-1				FAIR	SM
KS	MS	2	BERNT AND JAN		1	STEIG	1964 SE NE NE	11	1 S	8 E	96.48338	39.98373	1291	2225 -934 SIM	2233	8 GR WASH	*	0						
KS	MS	3	H AND L		1	RINGEN	1957 NE NE NW	19	1 S	9 E	96.45532	39.9566	1435	2110 -675 SIM	2116	6 GR WASH/GR	*	1	MS-3					
KS	MS	4	VENUS		1	IRVINE	1971 C NE NW	29	1 S	9 E	96.43793	39.94132	1376	1375 -1 SIM	1467	92 GR	*	1	CUTTINGS MS-4				GOOD	SM
KS	MS	5	NELSON		1	BROWN	1963 S2 SE SE	29	1 S	10 E	96.31699	39.92973	1430	987 -433 LKC	1003	16 GR WASH/GR	*	1	MS-5					
KS	MS	6	VENUS		1	BROWN	1971 NE NE SE	32	1 S	10 E	96.3158	39.92069	1422	1010 -412 LKC	1050	40 GR WASH/GR	*	1	CUTTINGS MS-6				FAIR	SM
KS	MS	7	H AND L		1	KRAMME	1958 SE SE NE	21	2 S	8 E	96.52092	39.86416	1348	2377 -1029 SIM	3007	630 GR WASH	*	0	CUTTINGS MS-7					
KS	MS	8	DROGE		1	SUGGETT	1951 NW SW NW	34	2 S	8 E	96.51865	39.83702	1325	1710 -385 SIM	2373	663 GR	*	1	MS-8					
KS	MS	9	VERMILLION		1	FITZGERLD	1922 NW SW SE	20	2 S	9 E	96.43448	39.85877	1259	1270 -11 MAR	1271	1 METAMOR	*	8						
KS	MS	10	SHAFER		1	O'NEAL	1964 C SW NW	23	2 S	9 E	96.38621	39.86535	1415	1283 -132 MAR	1300	17 GR	*	1						
KS	MS	11	VENUS		1	CASSIDY	1971 NW NE SE	28	2 S	9 E	96.41086	39.848	1372	1357 -15 SIM	1368	11 GR	*	1	CUTTINGS				POOR	SM
KS	MS	12	VERMILLION		1	BEATTY	1922 NW SE SE	29	2 S	9 E	96.4297	39.84431	1252	1420 -168 MAR	3000	1580 RED GR	*	1						
KS	MS	13	FALCON-SEABO		1	RANDELL	1951 NW NE SW	22	3 S	7 E	96.63206	39.77568	1318	2255 -937 SIM	2322	67 GR WASH/GR	*	1	CUTTINGS MS-13				FAIR	SM
KS	MS	14	FIVE NATIONS		1	SEEMASTER	1961 C NW NW	24	3 S	8 E	96.4798	39.78189	1240	1470 -230 SIM	1627	157 CLASTICS	*	9	CUTTINGS MS-14				POOR	SM
KS	MS	15	VENUS		1	WULLSCHLEI	1971 W2 NE NW	7	3 S	9 E	96.45761	39.81078	1218	1385 -167 SIM	1407	22 WEA GR	*	1						
KS	MS	16	FIVE NATIONS		1	SANDMAN	1961 C SE SE	8	3 S	9 E	96.42883	39.80027	1280	1391 -111 SIM	1478	87 GR	*	1	CUTTINGS MS-16				POOR	SM
KS	MS	17	VENUS		1	SWANSON	1971 C NE NE	5	3 S	10 E	96.31688	39.82557	1360	1040 -320 LKC	1053	13 WEA GR	*	1	CUTTINGS MS-17				FAIR	SM
KS	MS	18	SHAR ALAN		1	OLSON	1960 NW NW NW	15	3 S	10 E	96.29438	39.79749	1290	924 -366 PEN	947	23 GR	*	1						

KS	MS	23	CONTINENTAL	1	NEAL	1963	SW	SE	NE	5	4	S	8	E	96.542	39.73377	1443	162	RECCAMBSIM	1715	91	GR	*	1	CUTTINGS	MS-23	FAIR	MD		
KS	MS	24	VENUS	1	FINCHAM	1971	SW	SE	SE	20	4	S	8	E	96.54221	39.68299	1280	1791	-511 SIM	2503	712	GR	*	1	CUTTINGS	MS-24	FAIR	MD		
KS	MS	25	SHAWVER-ARM	1	SEDLACEK	1959	SE	SE	NE	31	4	S	8	E	96.55902	39.66129	1290	1920	-630 SIM	2264	344	GR	*	1	CUTTINGS	MS-25	FAIR	MD		
KS	MS	26	VENUS	1	HENLEY	1971	C	NE	NW	34	4	S	8	E	96.51274	39.66572	1246	1625	-379 SIM	1682	57	GR	*	1	CUTTINGS	MS-26	FAIR/G	SM		
KS	MS	27	CITIES SERVIC	1	CHRISTNER	1960	NW	NW	SE	7	4	S	9	E	96.453	39.71753	1216	1418	-202 SIM	1426	8	GR	*	1						
KS	MS	28	VENUS	1	FISCHER	1971	C	NE	NE	15	4	S	9	E	96.39096	39.70951	1194	1235	-41 SIM	1247	12	GR	*	1						
KS	MS	29	SWICKER SINCO	1	DOWRIMPLE	1930	N2	NW	NW	22	4	S	9	E	96.40273	39.69478	1153	1223	-70 SIM	1250	27	GR	*	1						
KS	MS	30	WOOD	2	SHEARER	1947	NW	NW	NW	29	4	S	9	E	96.444	39.68113	1134	1349	-215 SIM	1365	16	GR WASH/GR	*	1	MS-30					
KS	MS	31	KANSAS	1	FISHER	1953	NE	SW	SW	9	4	S	10	E	96.31085	39.71395	1239	1104	-135 SIM	1117	13	RED GR	*	1	MS-31					
KS	MS	32	VENUS	1	DANNELS	1971	C	NE	NE	15	4	S	10	E	96.27911	39.70918	1245	950	-295 SIM	962	12	GN	*	6	CUTTINGS	MS-32	FAIR	SM		
KS	MS	33	KANSAS	1	BROSA	1953	SW	SW	SE	16	4	S	10	E	96.3036	39.69764	1238	1035	-203 SIM	1067	32	RED GR	*	1						
KS	MS	34	OHIO	1	OSTERKAMP	1951	SW	SW	NE	27	5	S	6	E	96.73929	39.58907	1378	2530	-1152 SIM	2565	35	DIORITE	*	3	MS-34					
KS	MS	35	FALCON SEABO	1	BLANEY	1951	NE	SW	SW	3	5	S	7	E	96.63437	39.64159	1270	2420	-1150 SIM	2571	151	CLASTICS	*	9	CUTTINGS	MS-35	FAIR	SM		
KS	MS	36	VENUS	1	IRELAND	1971	SE	NE	NE	8	5	S	7	E	96.65789	39.63626	1380	2295	-915 SIM	2360	65	GR	*	1	CUTTINGS	MS-36	FAIR	SM		
KS	MS	37	SHAWVER ARMO	1	WEAKLEY	1960	NW	NW	NE	26	5	S	7	E	96.60846	39.59439	1303	2014	-711 SIM	2032	18	QT	*	7	MS-37					
KS	MS	38	OHIO	1	KRATCHOVI	1951	SE	SE	SW	30	5	S	7	E	96.68561	39.58179	1411	2496	-1085 SIM	2526	30	SC	*	8	CUTTINGS	MS-38	GOOD	SM		
KS	MS	39	CITIES SERVIC	1	KENNEDY	1960	SE	SW	SE	14	5	S	9	E	96.3759	39.61061	1360	1407	-47 SIM	1418	11	GR WASH/GR	*	1						
KS	MS	40	VENUS	1	STAATS	1971	NW	NW	NE	27	5	S	9	E	96.39692	39.5942	1298	1455	-157 SIM	1475	20	GR	*	1	CUTTINGS	MS-40	GOOD	SM		
KS	MS	41	VENUS	1	SEDLACEK	1971	NW	SE	SW	31	5	S	9	E	96.45752	39.56873	1402	1895	-493 SIM	1914	19	GN	*	6	CUTTINGS	MS-41	GOOD	SM		
KS	MS	42	SHAWVER ARMO	1	FLANIGAN	1959	SE	SE	NE	33	5	S	9	E	96.40842	39.57418	1344	1662	-318 SIM	1665	3	GR	*	1	MS-42					
KS	MS	43	HINKLE	1	KRAUS	1961	C	SW	SW	36	1	S	7	E	96.59817	39.91617	1288	2565	-1277 SIM	2571	6	GR WASH	*	0						
KS	MS	44	HOUSTON OIL &	1	MOSS	1980	NW	NW	SE	1	4	S	9	E	96.35938	39.73228	1191	1208	-17 PEN	1312	104	GR	*	1	1428	3	7 CORE	GOOD	MD	
KS	MS	45	TEXAS GULF	1	DANNELS					12	3	S	10	E	96.24869	39.80556						GR	*	1	1460	12	10 CORE			
KS	MS	46	TEXAS GULF	1	GERSTNER					12	4	S	9	E	96.36055	39.71857						GR	*	1	1431	18	7 CORE			
KS	MS	47	TEXAS GULF	1	SPILLER					11	3	S	9	E	96.37921	39.80583						GR	*	1	1423	18	10 CORE			
KS	MS	48	PRODUCERS EN	1	FINN	1988	S2	S2	NE	4	4	S	7	E	96.64251	39.73402	1362	2134	-772 VIO	3973	1839	GABBRO	*	4	CUTTINGS/CMS-48		GOOD	LG		
KS	MS	49	WAKEFIELD	1	MILLER	1983	SE	SW	SW	20	3	S	9	E	96.4418	39.77028	1239	1314	-75 SIM	1345	31	RED CLAS	*	9						
KS	MS	50	KGS/TEXGLF	1	DANNELS					27	3	S	10	E	96.28632	39.76213						GR	*	1	CORE					
KS	MS	51	WOODS DALTON	2	MARSHALL	1947	SW	NW	NW	29	4	S	9	E	96.44402	39.67933	1132	1347	-215 SIM	1365	18	GR	*	1						
KS	MT	1	ANADARKO	20	LOW	1966	C	NE	SE	18	33	S	40	W	101.7027	37.17631	3261	7372	-4111 REA	7391	19	GR	*	1						
KS	NM	1	KAUFMAN HEIM	1	SMITH	1961	S2	S2	SW	22	1	S	11	E	96.17769	39.94432	1250	719	-531 PEN	913	194	GR	*	1	CUTTINGS	NM-1	FAIR	MD		
KS	NM	2	VENUS	1	EDELMAN	1971	SW	SW	SV	6	1	S	14	E	95.90044	39.98685	1345	3964	-2619 SIM	3972	8	GR	*	1	CUTTINGS	NM-2	FAIR	MD		
KS	NM	3	VENUS	1	HEIMAN	1971	SE	NW	SE	29	2	S	11	E	96.20728	39.84634	1324	875	-449 LKC	925	50	GN	*	6	CUTTINGS	NM-3	FAIR	MD		
KS	NM	4	SCHAFER	1	HAVERCAM	1965	NW	NW	NW	8	2	S	12	E	96.10699	39.89887	1200	688	-512 PEN	708	20	GR WASH/GR	*	1						
KS	NM	5		1	SENECA	1905	SW	NE	NE	33	2	S	12	E	96.07396	39.83879	1174	586	-588 PEN	746	160	CRYSTL LS	*	1						
KS	NM	6	TEXAS	1	MURDOCK	1949	SE	SE	SW	16	2	S	13	E	95.96861	39.87126	1292	790	-502 MAR	846	56	GR	*	1	CUTTINGS (VMM-6)		32472			
KS	NM	7	OHIO	1	LAMPARTER	1944	C	NE	SW	3	2	S	14	E	95.83759	39.90498	1326	3940	-2614 LAM	3948	8	GR	*	1	CUTTINGS (VMM-7)		44648			
KS	NM	8	CARTER	1	STRAHM	1951	NW	SW	NW	13	2	S	14	E	95.80582	39.88069	1244	3929	-2685 LAM	3930	1	GR	*	1	CUTTINGS (VMM-8)		26877			
KS	NM	9	CARTER	2	KOCH	1950	NE	NE	SE	28	2	S	14	E	95.8461	39.84788	1289	3949	-2660 LAM	3968	19	GR	*	1	CUTTINGS (VMM-9)		59693			
KS	NM	10	NEMAHA	1	SENECA	1929	NW	NW	NW	19	3	S	11	E	96.23811	39.78285	1218	705	-513 LKC	3256	2551	GR	*	1						
KS	NM	11	CARTER	1	HUTFLES	1949	NW	NW	SW	25	3	S	13	E	95.91898	39.76081	1302	2972	-1670 SIM	2976	4	RED GR	*	1	CUTTINGS (VMM-11)		24990			
KS	NM	12	VENUS	1	HUTFLES	1971	W2	NW	SW	25	3	S	13	E	95.91897	39.75991	1320	2992	-1672 SIM	3000	8	GR	*	1	CUTTINGS (W)		35195			
KS	NM	13	DAVON	1	SWART	1950	NW	NW	NW	26	3	S	13	E	95.93776	39.76806	1284	2438	-1154 SIM	2454	16	RED GR	*	1	NM-13					
KS	NM	14	VENUS	1	TIFT	1971	C	SW	NW	25	3	S	13	E	95.9178	39.76353	1339	3026	-1687 SIM	3033	7	GR	*	1						
KS	NM	15	WOOD	1	BAILEY	1951	NW	NW	NE	34	4	S	13	E	95.94695	39.6666	1296	3918	-2622 ARB	3933	15	GR	*	1	CUTTINGS (W)		41741			
KS	NM	16	VENUS	1	FLORENCE	1970	NW	NE	NE	18	5	S	11	E	96.22343	39.62331	1320	970	-350 PEN	993	23	WEA GR	*	1						
KS	NM	17	WOODS	1	GRIFFITHS	1951	SE	NE	NE	23	5	S	13	E	95.92113	39.60675	1342	3971	-2629 LAM	3976	5	PK GR	*	1	CUTTINGS (VMM-17)		31211			
KS	NM	18	TRANS OCEAN	1	UKELE	1976	N2	NW	NE	27	1	S	14	E	95.83278	39.94209	1306	3950	-2644 REA	3975	25	GR	*	1	1609	6	7 CUTTINGS	NM-18	GOOD	MD
KS	NM	19	DAVON	1	SWART	1950	NW	NW	NW	26	3	S	13	E	95.93776	39.76806	1284	2438	-1154 SIM	2454	16	RED GR	*	1	CUTTINGS	NM-19	GOOD	MD		
KS	NM	20	CITIES SERVIC	1	BECK	1978	SW	SE	SE	14	5	S	12	E	96.03613	39.61039	1278	2708	-1430 SIM	2755	47	GR	*	1	1626	15	3 CUTTINGS			
KS	NM	21	CITIES SERVIC	1	STEEL GRIF	1978	NW	NW	SE	25	5	S	12	E	96.022	39.58688	1310	3473	-2163 SIM	3523	50	GR	*	1	1603	3	3 CUTTINGS	NM-20	GOOD	MD
KS	NM	21	HOUSTON INT		BAILEYVILL E					3	2	S	11	E	96.17299	39.90718						GR DIKE	*	1	1780	20	7 CORE @1114			
KS	NM	21	HOUSTON INT		BAILEYVILL E					3	2	S	11	E	96.17299	39.90718						GR GN	*	6	1441	4	7 CORE @ 858			
KS	NM	21	HOUSTON OIL &	1	HASSENKAM	1980	SE	SW	SW	33	2	S	11	E	96.19789	39.82828	1307	836	-471 PEN	1135	299	GR	*	1						
KS	NM	22	CITIES SERVIC	1	THIEME	1983	NE	NE	SE	18	4	S	14	E	95.88377	39.70293	1262	3752	-2490 SIM	3780	28	DIORITE	*	3	CUTTINGS	NM-22				
KS	NM	23	TRANS OCEAN	1	UKELE	1976	NW	NW	NE	27	1	S	14	E	95.83397	39.94209	1306	3950	-2644 REA	3975	25	GR	*	1			A2450			
KS	NM	24	PENDLETON EX	1	HARTTER	1982	C	NW	SW	34	1	S	14	E	95.84223	39.91928	1145	3979	-2834 SIM	3980	1	GR	*	1						
KS	NM	26	SAMPSON RES.	3	PARLI	1978	NE	NW	SW	27	2	S	14	E	95.84138	39.84789	1319	3938	-2619 REA	3948	10	GR	*	1	CUTTINGS (W)		J6149			
KS	NM	27	BRANDT	1	HUERTER	1979	NE	NE	SE	27	3	S	13	E	95.94011	39.76077	1312	2393	-1081 SIM	2										

KS	NM	38	PETRO-LEWIS	1 SWART	1982 C	SE NW	17	4 S	14 E	95.8756	39.70562	1179	3780	-2065 SIM	3780	50 GR	1			CUTTINGS (W)	B2534				
KS	NM	39	CITIES SERVIC	1 HAVERKAMP	1982 NE	SW SW	17	4 S	14 E	95.87907	39.69927	1236	3706	-2470 SIM	3747	41 GR	1								
KS	NM	40	PETRO-LEWIS	1 HAVERKAMP	1982 C	NW SW	17	4 S	14 E	95.88025	39.70201	1242	3716	-2474 SIM	3770	54 GR	1			CUTTINGS (W)	A9090				
KS	NM	41	CITIES SERVIC	1 SCHMITZ	1983 W2	NE SW	17	4 S	14 E	95.87675	39.70198	1217	3710	-2493 SIM	3730	20 GR	1			CUTTINGS (W)	B2505				
KS	NM	42	PETRO-LEWIS	1 OLBERDING	1982 C	NW NW	17	4 S	14 E	95.88029	39.70929	1208	3703	-2495 SIM	3750	47 GR	1			CUTTINGS (W)	A6218				
KS	NM	43	PETRO-LEWIS	1 SMITH	1982 C	SE NW	17	4 S	14 E	95.8756	39.70562	1179	3730	-2551 SIM	3780	50 GR	1								
KS	NM	44	CITIES SERVIC	1 OLBERDING	1982 C	SW NW	17	4 S	14 E	95.88027	39.70565	1266	3740	-2474 SIM	3745	5 GR	1			CUTTINGS (W)	B0351				
KS	NM	45	CITIES SERVIC	2A MCCLAIN	1982 C	SW NE	18	4 S	14 E	95.88959	39.70565	1289	3857	-2568 SIM	3890	33 GR	1			CUTTINGS (W)	B0335				
KS	NM	46	CITIES SERVIC	1A MCCLAIN	1982 C	NE NE	18	4 S	14 E	95.88496	39.70929	1247	3740	-2493 SIM	3744	4 GR	1								
KS	NM	47	PENDLETON EX	1 MCCLAIN	1982 C	SE NE	18	4 S	14 E	95.88493	39.70566	1288	3780	-2492 SIM	3800	20 GR	1			CUTTINGS (W)	B4398				
KS	NM	48	CITIES SERVIC	1 GROSSNICK	1978 NE	NW NE	23	5 S	12 E	96.03847	39.60857	1312	2745	-1433 SIM	2758	13 GR	1								
KS	NM	49	CITIES SERVIC	2 GROSSNICK	1978 SW	NE NE	23	5 S	12 E	96.03613	39.60677	1322	2765	-1443 SIM	2769	4 GR	1			CUTTINGS (W)	A5983				
KS	NM	50	CITIES SERVIC	1 HERMESCH	1983 SE	NW SE	9	5 S	13 E	95.96367	39.62869	1339	3870	-2530 SIM	3900	30 WEA GR	1			CUTTINGS (W)	B3414				
KS	NM	51	SHAWNEE	2 SWART			17	4 S	14 E	95.87325	39.70378	1248		SIM	3770	RHY	2			CUTTINGS		GOOD M	D		
KS	NM	52	TEICHGRAEBER	1 PRIEST /B/	1989 NE	SW SE	3	3 S	14 E	95.832	39.81526	1213	3924	-2711 ARB	3941	17 GR	*	1		CUTTINGS	NM-52				
KS	NM	53	MID-CONTINENT	5 GROSSNICK	1986 SW	SE NE	23	5 S	12 E	96.03612	39.60314	1334	2744	-1410 SIM	2751	7 GR	*	1	1613	21	10	CUTTINGS	NM-53		
KS	NM	54	ANADARKO PET	BOEDING /A/	1986	SW SW	34	3 S	13 E	95.95537	39.74165	1334	2373	-1039 VIO	2400	27 GR	*	1		CUTTINGS	NM-54	GOOD	MD		
KS	NM	55	EMATRON OIL	1 MEYER	1988 NW	NW SE	9	3 S	14 E	95.85339	39.80438	1325	4105	-2780 ARB	4105	0 GR		1							
KS	NM	56	EMATRON OIL	2 MEYER	1989 C	E2 NE	16	3 S	14 E	95.84758	39.79436	1313	4105	-2793 ARB	4105	0									
KS	NM	57	PENDLETON LA	1 MC CLAIN V	1984 S2	SW SW	21	3 S	14 E	95.86177	39.76989	1252	3926	-2674 ARB	3940	14				CUTTINGS (W)	B2650				
KS	NM	58	HODGDEN OIL (20-	1 MOSQUITO	1986 NW	NW NW	20	5 S	14 E	95.88161	39.60873	1245	3918	-2673 ARB	3935	17 GR		1	1579	10	10	CUTTINGS	GOOD/F	MD	
KS	NM	59	CITIES SERVIC	1 HEFTY	1986 NW	NE SE	23	5 S	12 E	96.0361	39.60132	1337	2743	-1406 SIM	2786	43 GR	*	1	1649	6	10	CUTTINGS	NM-59	GOOD	LG
KS	NM	60	INCLINE RES	GROSSNICK	1986 NW	NE SE	23	5 S	12 E	96.0361	39.60132	1334	2778	-1444	2780	2 GR		1		CUTTINGS					
KS	NM	61	STERLING DEV	PYLE	1984 NE	NW NW	13	2 S	14 E	95.80342	39.88435	1243	3930	-2687 ARB	3952	22									
KS	NM	62	INCLINE RESER	1 BIG JOHN	1988 SE	SW NW	32	4 S	13 E	95.99165	39.66121	1390	3720	-2330 SIM	3742	22				CUTTINGS (W)					
KS	NM	63	MID-CONTINENT	1 HEFTY	1986 SE	NW SE	23	5 S	12 E	96.03844	39.59951	1287	2715	-1428 SIM	2732	17				CUTTINGS	C0766	FAIR	SM		
KS	NM	64	PENDLETON LA	1 BARNES	1985 SW	SW SW	28	5 S	13 E	95.97522	39.58157	1266	3767	-2501 VIO	3777	10									
KS	NM	65	OXY USA	1SW BECK A	1989 SW	SE SE	14	5 S	12 E	96.03613	39.61039	1279		SIM	2757					CUTTINGS (W)	I2628				
KS	NO	1	KANEY	1 KANEY	1943	SW	22	27 S	18 E	95.42926	37.67853	907	2113	-1206 LAM	2500	387 RED GR	1								
KS	NO	2	VAN	3 COOMBS	1954 SE	SE SW	30	28 S	21 E	95.15273	37.57395	921	1980	-1059 LAM	2004	24 GR WASH/GR	*	1			NO-2-1				
KS	NO	3	DACK STONE	1 ARNETT	1921 NE	NW SW	34	30 S	18 E	95.43077	37.39024	956	2235	-1279 ARB	2240	5 GR	1								
KS	NS	13					24	17 S	24 W	99.92705	38.55928					0									
KS	NT	1	EMPIRE DRILLI	1 ATENS EST	1952 SE	SE SW	6	1 S	22 W	99.84207	39.98795	2387	3648	-1261 MAR	3695	47 GR WASH/GR	1								
KS	NT	2	JONES SHELBU	1 HOWELL	1955 NW	NW NW	9	1 S	22 W	99.81213	39.98578	2331	3665	-1334 ARB	3703	38 GR WASH/GR	1			CUTTINGS		POOR	MD		
KS	NT	3	JONES SHELBU	1 GRAMZOW	1954 NE	NE SW	10	1 S	22 W	99.78629	39.97891	2331	3723	-1392 ARB	3745	22 GR WASH/GR	1								
KS	NT	4	DREILING	1 COURTAIN	1969 C	NE NE	12	1 S	22 W	99.74001	39.98531	2315	3806	-1491 ARB	3833	27 GR WASH	0								
KS	NT	5	JONES SHELBU	1 KEENE	1954 NE	NE SE	18	1 S	22 W	99.83302	39.96435	2395	3702	-1307 MAR	3710	8 GR WASH/GR	1								
KS	NT	6	SINCLAIR	1 RORABAUG	1961 C	SE NE	20	1 S	22 W	99.81563	39.95253	2417	3794	-1377 ARB	3800	6 GR WASH	0								
KS	NT	7	JONES SHELBU	1 MCCLELLAN	1954 NW	NW NW	28	1 S	22 W	99.81232	39.94257	2358	3761	-1403 ARB	3770	9 GR WASH/GR	1								
KS	NT	8	C AND G HALL	1 KINDALL	1955 NE	NE NE	31	1 S	22 W	99.83357	39.92809	2433	3770	-1337 MAR	3783	13 GR WASH/GR	1								
KS	NT	9	FREDERICK	1 BALLINGER	1965 C	NE SW	14	1 S	23 W	99.88115	39.96342	2360	3598	-1238 MAR	3617	19 GR WASH/GR	1								
KS	NT	10	TERREL NATION	1 MELROY	1962 NW	NW NW	19	1 S	23 W	99.96184	39.95721	2411	3594	-1183 PEN	3623	29 GR WASH/GR	1								
KS	NT	11	PHILLIPS HELM	1 WYATT	1941 E2	NE NE	20	1 S	23 W	99.92677	39.95637	2359	3577	-1218 MAR	3615	38 GR WASH/GR	*	1		CUTTINGS	NT-11	GOOD	VSM		
KS	NT	12	ASH	1 WYATT	1970 SW	SW SE	21	1 S	23 W	99.91508	39.9445	2415	3633	-1218 MAR	3644	11 GR	1								
KS	NT	13	SAUVAGE	1 MELROY	1964 NW	NW SW	22	1 S	23 W	99.90574	39.9499	2443	3688	-1245 PEN	3714	26 GR WASH/GR	1								
KS	NT	14	RAYMOND	1 SAUER	1962 C	SW NW	31	1 S	23 W	99.96102	39.9237	2472	3707	-1235 PEN	3771	64 GR	*	1			NT-14				
KS	NT	15	JONES SHELBU	1 BROWNE	1955 NE	NE NE	32	1 S	23 W	99.9269	39.92823	2460	3707	-1247 MAR	3738	31 GR WASH/GR	1								
KS	NT	16	GT LAKES CARB	1 MINSHALL	1951 SE	SE SE	35	1 S	23 W	99.87073	39.91543	2412	3724	-1312 MAR	3785	61 WEA GR	*	1		CUTTINGS	NT-16	PC-208	GOOD	SM	
KS	NT	17	RAYMOND	1 MCKINLEY	1962 C	NW NW	15	1 S	24 W	100.0169	39.97077	2373	3551	-1178 MAR	3566	15 GR WASH/GR	1								
KS	NT	18	HANSEN	1 ANDERSON	1957 C	SW SW	20	1 S	24 W	100.0547	39.94551	2417	3567	-1150 MAR	3601	34 GR WASH	0								
KS	NT	19	EMPIRE DRILLI	1 TANSILL	1955 NW	NE NE	26	1 S	24 W	99.98524	39.94275	2391	3599	-1208 MAR	3624	25 GR WASH/GR	1								
KS	NT	20	LEBEN	1 QUENZER	1970 C	SE NW	27	1 S	24 W	100.0124	39.93806	2419	3642	-1223 MAR	3667	25 GR WASH	0								
KS	NT	21	HANSEN	1 THOMPSON	1957 SE	SE SE	28	1 S	24 W	100.0207	39.93001	2410	3611	-1201 MAR	3650	39 GR WASH/GR	1								
KS	NT	22	PENTAGON	1 APPLEGATE	1963 C	SE SE	29	1 S	24 W	100.0407	39.93093	2429	3654	-1225 PEN	3670	16 GR WASH/GR	1								
KS	NT	23	EMPIRE SHIELD	1 BROWNE	1961 SW	SW SE	34	1 S	24 W	100.0092	39.91546	2441	3675	-1234 PEN	3688	13 GR WASH/GR	1								
KS	NT	24	TILCO	1 RHOADES	1969 NE	NW SE	35	1 S	24 W	99.98795	39.92095	2397	3627	-1230 ARB	3628	1 GR WASH	0								
KS	NT	25	JONES SHELBU	1 BROWN	1955 NE	NE NW	36	1 S	24 W	99.97381	39.92821	2388	3604	-1216 PEN	3608	4 GR WASH	0								
KS	NT	26	HELBERG	1 VAN COZAD	1969 C	NE SE	7	1 S	25 W	100.1703	39.97789	2417	3594	-1177 CHE	3613	19 GR WASH/GR	1								
KS	NT	27	GEOCHEMICAL	1 SCRIVNER	1962 C	SE NE	8	1 S	25 W	100.1526	39.98154	2394	3570	-1176 PEN	3618	48 GR WASH/GR	1								
KS	NT	28	GEOCHEMICAL	1 JENKINS	1962 C	NE SW	9	1 S	25 W	100.1431	39.97792	2341	3532	-1191 PEN	3560	28 GR WASH/GR	1								
KS	NT	29	BRITISH AMERI	1 ERVIN	1961 C	NE NE	13	1 S	25 W	100.0773	39.97085	2401	3544	-1143 REA	3556	12 GR WASH/GR	1								
KS	NT	30	CHAMPLIN	1 RAILSBACK	1962 C	NW NE	15	1 S	25 W	100.1198	39.97078	2403	3573	-1170 PEN	3606	33 GR WASH/GR	1								
KS	NT	31	GULF	1 BUTLER	1958 SE	SW SW	16	1 S	25 W	100.1468	39.95878	2426	3596	-1170 MAR	3642	46 GR WASH/GR	1			CUTTINGS		FAIR	SM		
KS	NT	32	FITZGERALD	1 SUMNER	1969 C	NW NW	20	1 S	25 W	100.1669	39.95607	2435	3615	-1180 PEN	3647	32 GR WASH/GR	1								
KS	NT	33	SMITH	1 ANKENMAN	1965 C	SW SW	23	1 S	25 W	100.1107	39.94547	2505	3680	-1175 MAR	3735	55 GR WASH/GR	1			CUTTINGS		FAIR	SM		
KS	NT	34	BRITISH AMERI	1C MEYERS	1961 C	SE NE	24	1 S	25 W	100.0775	39.95274	2417	3570	-1153 REA	3617	47 GR	*	1		CUTTINGS	NT-34	FAIR			
KS	NT	35	BRITISH AMERI	1 YUNT	1960 C	NW NW	25	1 S	25 W	100.0917	39.94183	2403	3600	-1197 MAR	36										

KS	NT	38	CITIES SERVIC	1 HEATON	1955 SW SE SE	15	2 S	22 W	99.77988	39.87214	2232	3684	3685	3687	10 GR WASH	0			
KS	NT	39	PUBCO	16-13 DROME	1962 C SW SW	16	2 S	22 W	99.81152	39.87289	2324	3733	-1409	ARB	3739	6 GR WASH/GR	1		
KS	NT	40	EMPIRE DRILLI	1 SCHILLING	1957 NE NE NE	18	2 S	22 W	99.83356	39.88481	2332	3697	-1365	ARB	3740	43 GR WASH/GR	1	CUTTINGS	NT-40
KS	NT	41	EMPIRE DRILLI	1 BROOKS	1955 SE SE NW	19	2 S	22 W	99.84277	39.86482	2318	3688	-1370	ARB	3693	5 GR WASH	0	POOR	SM
KS	NT	42	SINCLAIR	1 MELROY	1961 NW SE SE	3	2 S	23 W	99.89185	39.90287	2393	3680	-1287	PEN	3773	93 GR	1	CUTTINGS	NT-42
KS	NT	43	D AND D	1 BROWN	1963 SW SW SW	5	2 S	23 W	99.94366	39.90099	2442	3722	-1280	REA	3766	44 GR	1	POWDER	NT-43
KS	NT	44	EMPIRE SOMER	1 WALLACK	1955 NW NW NE	9	2 S	23 W	99.91544	39.89915	2423	3718	-1295	ARB	3755	37 GR WASH	0		
KS	NT	45	TILCO	1 BRIGHT	1970 C NW NE	18	2 S	23 W	99.95177	39.88373	2418	3694	-1276	REA	3713	19 GR WASH	0		
KS	NT	46	JONES SHELBU	1 SANDERSON	1954 NW NW NW	18	2 S	23 W	99.96216	39.88467	2451	3733	-1282	REA	3750	17 GR WASH/GR	1		
KS	NT	47	DUNNE GARDNE	1 SCHULZE	1964 C NW SW	18	2 S	23 W	99.961	39.87652	2460	3742	-1282	REA	3750	8 GR WASH	0		
KS	NT	48	EMPIRE DRILLI	1 MCMULLEN	1959 NE NE NE	19	2 S	23 W	99.94599	39.87014	2412	3723	-1311	REA	3735	12 GR WASH	0	CUTTINGS	POOR/F MD
KS	NT	49	NIXON	1 WALLACK	1964 NW NW NE	20	2 S	23 W	99.93425	39.87013	2443	3698	-1255	LKC	3713	15 GR WASH/GR	1		
KS	NT	50	EMPIRE DRILLI	1 KOHFELD	1954 SE SE SW	21	2 S	23 W	99.91782	39.85759	2365	3638	-1273	ARB	3653	15 GR WASH/GR	1		
KS	NT	51	RINE DRILLING	1 WALLACK	1942 C NE NW	22	2 S	23 W	99.90004	39.86939	2403	3706	-1303	ARB	3733	27 WEA GR/GR	1		
KS	NT	52	FARMER	1 BALLINGER	1959 SE SE SE	23	2 S	23 W	99.87059	39.85738	2281	3634	-1353	ARB	3653	19 GR WASH/GR	1		
KS	NT	53	B&R DRILLING	1 SCOTT	1945 NE NE NE	23	2 S	23 W	99.87063	39.87009	2321	3656	-1335	ARB	3666	10 GR WASH	0		
KS	NT	54	SNYDER	1 GREEN	1972 NE NW SW	25	2 S	23 W	99.86608	39.84837	2336	3695	-1359	REA	3698	3 GR	1		
KS	NT	55	MURFIN SHAWV	1 HAHN	1958 SW SW NE	25	2 S	23 W	99.85905	39.85023	2271	3631	-1360	ARB	3645	14 GR WASH	0		
KS	NT	56	C AND G	1 SANDERS	1956 SE SE SE	25	2 S	23 W	99.85208	39.84303	2242	3622	-1380	REA	3632	10 WEA GR	1	CUTTINGS	NT-56
KS	NT	57	JONES SHELBU	1 NORTON CT	1954 NE NE SE	27	2 S	23 W	99.88954	39.84851	2347	3648	-1301	ARB	373	### GR WASH/GR	1	GOOD	MD
KS	NT	58	EMPIRE DRILLI	1 WALLACK	1953 NW NW NW	27	2 S	23 W	99.90601	39.85582	2354	3641	-1287	REA	3660	19 GR WASH	0	GOOD	SM
KS	NT	59	ALLAN AYLWAR	1 LECKY	1944 SE SE NW	29	2 S	23 W	99.93665	39.85023	2365	3644	-1279	ARB	3691	47 GR WASH/GR	1		
KS	NT	60	DUNNE GARDNE	1 STARRETT	1964 C SE SW	29	2 S	23 W	99.9378	39.84389	2374	3643	-1269	PEN	3674	31 GR WASH	0		
KS	NT	61	EMPIRE SHIELD 1A	1 MEIER	1961 SE SE SE	1	2 S	24 W	99.96457	39.90097	2467	3741	-1274	REA	3747	6 GR	1		
KS	NT	62	JONES SHELBU	1 CHASE	1956 SE SE NW	2	2 S	24 W	99.99281	39.90825	2453	3713	-1260	ARB	3720	7 GR WASH	0		
KS	NT	63	JONES SHELBU	1 COLER	1954 NW NW SW	6	2 S	24 W	100.0745	39.90663	2513	3726	-1213	MAR	3775	49 GR WASH/GR	1	CUTTINGS	FAIR MD
KS	NT	64	BRADEN DRILLI	1 LUCKERT	1967 C SE NW	13	2 S	24 W	99.97517	39.88019	2415	3698	-1283	ARB	3710	12 GR WASH	0		
KS	NT	65	JONES SHELBU	1 SHELDON	1954 SE SE NE	14	2 S	24 W	99.98348	39.8793	2417	3680	-1263	REA	3702	22 GR WASH/GR	1		
KS	NT	66	RUPE STOSKOP	1 BROGUET	1964 C SE SW	19	2 S	24 W	100.0694	39.85867	2483	3752	-1269	REA	3795	43 GR WASH	0	CUTTINGS	GOOD SM
KS	NT	67	HANSEN	1 DUENSING	1956 NE NE SE	20	2 S	24 W	100.0399	39.86312	2499	3748	-1249	REA	3775	27 GR WASH	0		
KS	NT	68	SINCLAIR	1 THIELE	1961 NE NW NE	20	2 S	24 W	100.0447	39.87037	2471	3724	-1253	MAR	3775	51 GR	1	CUTTINGS	NT-68
KS	NT	69	RAYMOND MUR	1 SCHULZE	1961 C SW SE	24	2 S	24 W	99.97044	39.85838	2431	3690	-1259	PEN	3725	35 GR WASH/GR	1		
KS	NT	70	JONES SHELBU	1 SIDMAN	1955 SW SW NW	26	2 S	24 W	100.0001	39.85034	2436	3694	-1258	MAR	3726	32 GR WASH/GR	1		
KS	NT	71	PENTAGON	1 MILLER	1963 C NE SE	30	2 S	24 W	100.0604	39.84766	2471	3750	-1279	REA	3787	37 GR WASH	0		
KS	NT	72	MCLISH PETAN	1 MILLER	1963 C SE NW	31	2 S	24 W	100.0694	39.8368	2472	3745	-1273	PEN	3809	64 GR WASH/GR	1		
KS	NT	73	BARNETT	1 LEGG	1953 SE SE SE	32	2 S	24 W	100.04	39.82865	2407	3665	-1258	MAR	3672	7 GR WASH	0		
KS	NT	74	SMITH	1 FOLEY	1965 C SW SW	36	2 S	24 W	99.98007	39.82939	2388	3660	-1272	MAR	3681	21 GR WASH/GR	1		
KS	NT	75	HELMERICH PAY	1 LACOUNT	1941 C NE SE	1	2 S	25 W	100.078	39.90573	2480	3692	-1212	MAR	3727	35 WEA GR	1		
KS	NT	76	READING BATES	1 LECOUNT	1962 C SE NW	1	2 S	25 W	100.0875	39.9093	2477	3688	-1211	PEN	3710	22 GR WASH/GR	1		
KS	NT	77	MURFIN	1 PRESTON	1970 SE SE SW	1	2 S	25 W	100.0863	39.90123	2519	3746	-1227	MAR	3768	22 GR WASH/GR	1		
KS	NT	78	BARNETT	1 SEBAUGH	1956 NW NW NW	4	2 S	25 W	100.1498	39.91357	2427	3672	-1245	MAR	3693	21 GR WASH/GR	1		
KS	NT	79	JONES SHELBU	1 HANSEN	1954 SE SE SE	9	2 S	25 W	100.1333	39.88643	2524	3765	-1241	MAR	3766	1 GR	1		
KS	NT	80	CITIES SERVIC	1 CURRAN	1962 C NE NE	11	2 S	25 W	100.0969	39.89847	2510	3734	-1224	REA	3762	28 GR WASH/GR	1		
KS	NT	81	KAISER FRANCI	1 STRAYER	1957 SE SE SW	12	2 S	25 W	100.0864	39.88666	2506	3744	-1238	MAR	3769	25 GR WASH	0		
KS	NT	82	JONES SHELBU	1 BOLLIGER	1954 SW SW SW	17	2 S	25 W	100.1691	39.87183	2506	3812	-1306	ARB	3820	8 GR WASH/GR	1		
KS	NT	83	SAUVAGE	1 PRESTON	1963 NW NW NW	23	2 S	25 W	100.1123	39.87022	2507	3786	-1279	REA	3825	39 GR WASH/GR	1		
KS	NT	84	JONES SHELBU	1 BISHOP	1954 NE NE NW	24	2 S	25 W	100.0865	39.87042	2499	3748	-1249	REA	3821	73 GR WASH/GR	1		
KS	NT	85	SMITH	1 MILLER	1965 C SE SE	25	2 S	25 W	100.0786	39.8441	2488	3769	-1281	MAR	3797	28 GR WASH/GR	1		
KS	NT	86	C AND G SHIEL	1 RUBENDALL	1962 NE NE NW	35	2 S	25 W	100.1058	39.84125	2500	3845	-1345	REA	3855	10 GR	1		
KS	NT	87	CITIES SERVIC	1C YOUNG	1957 SW SW NE	35	2 S	25 W	100.1035	39.83582	2513	3799	-1286	REA	3810	11 GR WASH/GR	1		
KS	NT	88	BRADEN DRILLI	1 MILLER	1967 C NW SW	36	2 S	25 W	100.0929	39.83312	2499	3773	-1274	REA	3775	2 GR WASH	0		
KS	NT	89	C AND G	1 FISHER	1958 NE NE NW	3	3 S	22 W	99.78673	39.82703	2272	3765	-1493	ARB	3770	5 GR	1		
KS	NT	90	JONES SHELBU	1 HARPER	1954 SW SW NW	19	3 S	22 W	99.85039	39.77757	2452	3859	-1407	ARB	3887	28 GR WASH/GR	1		
KS	NT	91	PETROLEUM INC	1 ALLAN	1954 SE SE NE	30	3 S	22 W	99.83424	39.76334	2417	3875	-1458	ARB	3909	34 GR WASH/GR	1	CUTTINGS	GOOD SM
KS	NT	92	ALLAN AYLWAR	1 FARM MORT	1944 NE NE SW	33	3 S	22 W	99.80643	39.74705	2307	3815	-1508	ARB	3864	49 GR WASH/GR	1		
KS	NT	93	JONES SHELBU	1 HENDERSO	1955 SE SE SW	3	3 S	23 W	99.89958	39.81361	2270	3582	-1312	ARB	3585	3 GR WASH	0		
KS	NT	94	PENTAGON	1B HENDERSO	1963 SW NW SW	3	3 S	23 W	99.90641	39.81738	2249	3550	-1301	REA	3578	28 GR WASH/GR	1		
KS	NT	95	PENTAGON	1 DERKS	1963 C NW SE	4	3 S	23 W	99.91456	39.81836	2276	3576	-1300	REA	3578	2 GR	1		
KS	NT	96	TERRER PENTA	1 HENDERSO	1962 NW SE SE	4	3 S	23 W	99.91112	39.81554	2251	3536	-1285	REA	3552	16 GR WASH/GR	1		
KS	NT	97	ALYWARD	1 SHELTON	1965 C NE SW	4	3 S	23 W	99.91924	39.81839	2328	3620	-1292	REA	3625	5 GR WASH	0		
KS	NT	98	KEATING	1 WESLEY	1952 NW NW NE	4	3 S	23 W	99.91556	39.82672	2304	3602	-1298	REA	3628	26 GR WASH/GR	1		
KS	NT	99	JONES SHELBU	1 COLEMAN	1954 NW NW NE	5	3 S	23 W	99.93437	39.82672	2361	3629	-1268	MAR	3655	26 GR WASH/GR	1		
KS	NT	100	OLDHAM	1 FEDDE	1964 C NE NE	5	3 S	23 W	99.92851	39.8258	2362	3647	-1285	REA	3657	10 GR WASH/GR	1		
KS	NT	101	HELMERICH PAY	1 CONWAY	1941 C SE NE	7	3 S	23 W	99.94756	39.80752	2348	3623	-1275	MAR	3640	17 GR	1		
KS	NT	102	GORE	1 SNYDER	1953 NE NE NW	9	3 S	23 W	99.9182	39.81192	2274	3557	-1283	LKC	3575	18 GR WASH	0		
KS	NT	103	BURCH	1 HENDERSO	1959 SW SW NW	10	3 S	23 W	99.9068	39.80643	2286	3581	-1295	LKC	3600	19 GR WASH	0		
KS	NT	104	HALL	1 HORESKY	1956 NW NW SE	10	3 S	23 W	99.89754	39.80458	2333	3649	-1316	ARB	3682	33 GR WASH/GR	1	CUTTINGS	FAIR MD
KS	NT	105	ROCKFORD MIN	1 HARRISON	1967 C NE NW	11	3 S	23 W	99.88194	39.81101	2317	3660	-1343	ARB	3678	18 WEA GR	1		
KS	NT	106	GTLAKES CARB	1 MUIR	1951 NW NW SW	12	3 S	23 W	99.86861	39.80488	2344	3694	-1356	ARB	3722	28 GR WASH/GR	1		

KS	NT	107	C AND G HANSE	1	HORESKY	1954	NE	NE	SE	15	3	S	23	W	99.89067	39.7901	2428	3785	3810	64	GR WASH/GR	1						
KS	NT	108	WILKINSON	1	HORESKY	1965	C	NW	NE	15	3	S	23	W	99.89655	39.79648	2366	3682	-1316	REA	3725	43	GR WASH/GR	1	CUTTINGS	FAIR	MD	
KS	NT	109	APPLEMAN	1	HENDERSON	1964	SW	NE	SE	16	3	S	23	W	99.91167	39.78844	2324	3614	-1290	PEN	3646	32	GR WASH	0				
KS	NT	110	JONES SHELBU	1	CAMPBELL	1955	NE	NE	NE	17	3	S	23	W	99.92767	39.79758	2319	3598	-1279	MAR	3650	52	GR WASH/GR	1	CUTTINGS	FAIR	MD	
KS	NT	111	JONES SHELBU	1	ANKEMAN	1956	NW	NW	SW	20	3	S	23	W	99.94444	39.77576	2407	3719	-1312	MAR	3765	46	GR	1	CUTTINGS	FAIR	MD	
KS	NT	112	NIXON OPERAT	1	SHELTON	1967	SE	SE	SW	20	3	S	23	W	99.93732	39.77031	2377	3690	-1313	ARB	3725	35	GR WASH/GR	1				
KS	NT	113	UNITED DRILL	1	HORESKY	1954	SW	SW	SW	21	3	S	23	W	99.92552	39.77028	2446	3741	-1295	MAR	3764	23	GR	1				
KS	NT	114	LARIO	1	KENNEDY	1936	SW	SW	NW	22	3	S	23	W	99.90701	39.77754	2355	3652	-1297	MAR	3692	40	GR WASH/GR	1				
KS	NT	115	ABERCROMBIE	1	MOODY	1967	C	SW	SE	22	3	S	23	W	99.89642	39.77113	2432	3734	-1302	MAR	3760	26	GR WASH	0				
KS	NT	116	BARKER	1	MOODY	1962	NE	NW	NE	22	3	S	23	W	99.89534	39.78289	2408	3718	-1310	PEN	3769	51	GR WASH/GR	1	CUTTINGS	POOR	SM	
KS	NT	117	DREILING	1	HEATON	1969	C	NW	SE	23	3	S	23	W	99.87744	39.77481	2407	3748	-1341	REA	3792	44	GR WASH/GR	1				
KS	NT	118	DREILING	1	HEATON	1970	C	NW	SW	23	3	S	23	W	99.88702	39.77473	2439	3753	-1314	REA	3755	2	GR WASH	0				
KS	NT	119	JONES SHELBU	1	STEWART	1954	NE	NE	NE	26	3	S	23	W	99.8718	39.76847	2401	3758	-1357	REA	3778	20	GR	1				
KS	NT	120	EMPIRE	1	LEBEAU	1961	C	NE	SW	27	3	S	23	W	99.90104	39.76025	2423	3735	-1312	PEN	3779	44	GR WASH/GR	1				
KS	NT	121	K AND E VYE	1	HORESKY	1955	NE	NE	SW	28	3	S	23	W	99.91859	39.76122	2460	3770	-1310	MAR	3826	56	GRANODIORIT	1	CUTTINGS	FAIR	MD	
KS	NT	122	HANSEN	1	COPE	1955	SW	SW	NW	29	3	S	23	W	99.94447	39.76307	2435	3787	-1352	REA	3800	13	GR WASH/GR	1				
KS	NT	123	HANSEN	3	COPE	1955	W2	W2	SW	29	3	S	23	W	99.94452	39.75853	2457	3837	-1380	REA	3848	11	GR WASH/GR	1				
KS	NT	124	HANSEN	5	COPE	1955	N2	N2	SW	29	3	S	23	W	99.94096	39.76125	2457	3815	-1358	REA	3950	135	GR WASH/GR	1				
KS	NT	125	JONES SHELBU	1	HORESKY	1953	SE	SE	SE	29	3	S	23	W	99.92805	39.75583	2379	3770	-1391	ARB	3779	9	GR	1				
KS	NT	126	NIXON	1	HORESKY	1964	NW	SW	NE	29	3	S	23	W	99.93502	39.76487	2425	3783	-1358	ARB	3816	33	GR WASH/GR	1				
KS	NT	127	GLICKMAN	2	HORNING	1962	N2	N2	NE	30	3	S	23	W	99.95025	39.76854	2447	3772	-1325	LKC	3805	33	GR WASH	0				
KS	NT	128	GORE	8	LAWSON	1954	SW	SW	NW	30	3	S	23	W	99.96301	39.76317	2346	3666	-1320	PEN	3710	44	QT/GR	7				
KS	NT	129	GORE	9	LAWSON	1954	E2	E2	NW	30	3	S	23	W	99.95607	39.76585	2382	3706	-1324	REA	3710	4	GR WASH	0				
KS	NT	130	HANSEN	4	WEBER	1954	SE	SE	SW	30	3	S	23	W	99.9561	39.75588	2386	3740	-1354	REA	3741	1	SC	8				
KS	NT	131	HANSEN	5	WEBER	1954	SW	SW	SE	30	3	S	23	W	99.9538	39.75586	2412	3765	-1353	REA	3810	45	GR WASH	0				
KS	NT	132	HANSEN	14	WEBER	1955	E2	E2	SW	30	3	S	23	W	99.9561	39.7586	2399	3758	-1359	REA	3863	105	GR WASH/GR	1				
KS	NT	133	JONES SHELBU	1	CARR-SNEE	1955	SW	SW	SE	31	3	S	23	W	99.95396	39.74152	2379	3765	-1386	REA	3785	20	GR WASH/GR	1				
KS	NT	134	JONES SHELBU	1	LEBEAU	1956	SE	SE	NE	33	3	S	23	W	99.90932	39.74861	2420	3752	-1332	MAR	3784	32	GR WASH/GR	1				
KS	NT	135	GORE	1	HERSHISER	1953	SE	SE	SE	34	3	S	23	W	99.89047	39.7415	2438	3768	-1330	MAR	3814	46	GR	1	CUTTINGS/P NT-135	GOOD	SM	
KS	NT	136	OKMAR	1	HERSCHISE	1972	SW	SW	SE	34	3	S	23	W	99.89761	39.7415	2466	3789	-1323	REA	3800	11	GR WASH	0				
KS	NT	137	PHILLIPS	1	MYRA	1944	NE	NE	NW	36	3	S	23	W	99.86249	39.75401	2360	3705	-1345	MAR	3732	27	WEA PK GR	1				
KS	NT	138	HELMERICH PAY	1	SMITH	1943	SE	SE	NE	36	3	S	23	W	99.85309	39.74864	2350	3729	-1379	ARB	3772	43	GR	1				
KS	NT	139	SAUVAGE	1	COLLINS	1956	NW	NW	SW	6	3	S	24	W	100.0753	39.81957	2467	3721	-1254	MAR	3740	19	GR WASH	0				
KS	NT	140	SAUVAGE DUNN	1	COLLINS	1953	SE	SW	SW	6	3	S	24	W	100.073	39.81413	2473	3745	-1272	MAR	3786	41	GR WASH	0				
KS	NT	141	SMITH	1	RULE	1965	C	SE	SE	6	3	S	24	W	100.06	39.81484	2406	3672	-1268	MAR	3737	65	GR	1	CUTTINGS/P NT-141	FAIR	MD	
KS	NT	142	TRANSERA APP	1	KING	1954	SW	SW	SE	17	3	S	24	W	100.0475	39.78486	2400	3663	-1263	MAR	3675	12	GR WASH/GR	1				
KS	NT	143	HARMS RIGGS	1	DAVIS	1962	S2	SE	NE	19	3	S	24	W	100.0604	39.77786	2331	3636	-1305	REA	3678	42	GR GN	6	CUTTINGS/P NT-143	FAIR	MD	
KS	NT	144	RAYMOND	1	ANKENMAN	1964	SW	SE	SE	20	3	S	24	W	100.0427	39.77056	2347	3691	-1344	PEN	3721	30	GR WASH/GR	1				
KS	NT	145	JONES SHELBU	1	GOODER	1953	NE	NE	NE	23	3	S	24	W	99.98425	39.78297	2380	3674	-1294	MAR	3725	51	GR	1	CUTTINGS	FAIR	MD	
KS	NT	146	GORE	2	LAWSON	1953	NE	SE	SE	25	3	S	24	W	99.96536	39.75775	2408	3743	-1335	REA	3756	13	GR WASH	0				
KS	NT	147	GORE	4	LAWSON	1954	NE	NE	SE	25	3	S	24	W	99.96536	39.76138	2365	3691	-1326	REA	3705	14	SC	8				
KS	NT	148	GORE	5	LAWSON	1954	SW	SE	NE	25	3	S	24	W	99.96772	39.76319	2396	3739	-1343	REA	3740	1	GR	1				
KS	NT	149	TRUSCO	1	HALL-GREE	1957	W2	SW	NE	25	3	S	24	W	99.97243	39.76411	2452	3769	-1317	MAR	3790	21	QT	7				
KS	NT	150	ALLAN AYLWAR	1	PORTER	1944	NW	NW	NW	26	3	S	24	W	100.0006	39.76875	2368	3697	-1329	MAR	3743	46	GR	1	CUTTINGS	POOR	SM	
KS	NT	151	EMPIRE DRILL	1	DAVIS	1953	SE	SE	SW	26	3	S	24	W	99.99359	39.75606	2424	3768	-1344	MAR	3820	52	CH-MI-SC	8	CUTTINGS	POOR	MD	
KS	NT	152	SAUVAGE DUNN	1	PORTER	1955	SE	SE	NW	26	3	S	24	W	99.99356	39.76329	2423	3767	-1344	MAR	3792	25	GR WASH	0				
KS	NT	153	JONES SHELBU	1	BROWN	1954	SW	SW	SW	27	3	S	24	W	100.0194	39.75618	2453	3767	-1314	MAR	3799	32	GR WASH/GR	1				
KS	NT	154	ABERCROMBIE	1	ANKENMAN	1965	SW	SW	NW	29	3	S	24	W	100.057	39.76336	2424	3762	-1338	REA	3800	38	GR WASH	0				
KS	NT	155	C AND G SHIEL	1A	ANKENMAN	1962	NE	NE	SE	29	3	S	24	W	100.0404	39.76158	2346	3678	-1332	REA	3730	52	GR WASH/GR	1				
KS	NT	156	FERGUSON	1	ANKENMAN	1961	C	NE	NW	29	3	S	24	W	100.051	39.76787	2341	3679	-1338	REA	3725	46	GR WASH/GR	1	CUTTINGS	FAIR	MD	
KS	NT	157	JONES SHELBU	1	ANKEMAN	1954	SW	SW	SE	29	3	S	24	W	100.0476	39.75617	2402	3746	-1344	REA	3811	65	GR WASH/GR	1	CUTTINGS	POOR	MD	
KS	NT	158	GORE TRANS E	1	CLARK	1953	SW	SW	NE	30	3	S	24	W	100.0684	39.76338	2420	3783	-1363	REA	3830	47	GR WASH/GR	1	CUTTINGS	GOOD	SM	
KS	NT	159	C AND G AUROR	1	BRUNSON	1955	SE	SE	SE	32	3	S	24	W	100.0406	39.74169	2404	3766	-1362	REA	3842	76	GR WASH/GR	1	CUTTINGS	FAIR	MD	
KS	NT	160	GORE	1	BRUNSON	1954	NW	NW	SW	32	3	S	24	W	100.0571	39.7471	2469	3839	-1370	ARB	3912	73	GR WASH/GR	1	CUTTINGS	POOR	MD	
KS	NT	161	JONES SHELBU	1	CONOVER	1955	SE	NE	SE	34	3	S	24	W	100.0029	39.74517	2427	3753	-1326	REA	3783	30	SC	8				
KS	NT	162	GORE	1	HENRY	1954	SE	NE	SW	35	3	S	24	W	99.99359	39.74514	2423	3753	-1330	REA	3757	4	QZ-BIO-SC	8				
KS	NT	163	DERBY	4	SCHOEN	1953	C	SE	SE	35	3	S	24	W	99.98776	39.74422	2435	3770	-1335	REA	3800	30	SC,GR,PEG	8	1675	8 10 CORE	NT-163	PC-46
KS	NT	164	DERBY	6	SCHOEN	1953	S2	S2	SE	35	3	S	24	W	99.98775	39.7415	2472	3815	-1343	REA	3830	15	BIO-SC	8				
KS	NT	165	DERBY	7	SCHOEN	1953	NW	NW	SE	35	3	S	24	W	99.99126	39.74696	2416	3749	-1333	ARB	3770	21	SC	8				
KS	NT																											

KS	NT	176	LARIO	1	ALV SCHOE	1967	C	SW	NW	16	3	S	25	W	100.1497	39.79297	2487	3890	16	GR	WASH	0				
KS	NT	177	ANDERSON PRI	1	BROOKS	1953	SE	SE	SE	17	3	S	25	W	100.1534	39.78484	2483	3895	13	GR		1				
KS	NT	178	JONES SHELBU	1	BRUNK	1954	NW	NW	NW	22	3	S	25	W	100.1319	39.78331	2400	3822	38	GR	WASH/GR	1				
KS	NT	179	SCHERMERHOR	1	SCHOEN	1960	C	SW	NE	23	3	S	25	W	100.1027	39.77875	2435	3826	50	GR		1				
KS	NT	180	TOM KAT	1	SCHOEN	1965	C	SW	NW	23	3	S	25	W	100.112	39.77873	2399	3810	66	GR	WASH/GR	1				
KS	NT	181	SMITH	1	JUENMAN	1964	C	SW	NE	24	3	S	25	W	100.0839	39.7788	2396	3724	43	GR	WASH/GR	1				
KS	NT	182	TRANS ERA	1	HUMPHREY	1954	N2	NE	NE	25	3	S	25	W	100.0793	39.76879	2340	3730	28	DIO		3				
KS	NT	183	MURFIN AUROR	1	SCHOEN	1959	SE	SW	SE	26	3	S	25	W	100.1017	39.75609	2442	3917	42	GR		1				
KS	NT	184	EMPIRE DRILLI	1	GRAY	1952	SW	SE	SE	27	3	S	25	W	100.1181	39.75609	2385	3875	20	GR	WASH	0				
KS	NT	185	JONES SHELBU	1	ECKHART	1957	NE	NE	NW	33	3	S	25	W	100.1438	39.75436	2383	3911	25	GR	WASH	0				
KS	NT	186	NAT ASSOC PETIA	1	SCHICK	1969	NW	NW	SW	4	4	S	21	W	99.7015	39.73295	2236	3802	3	GR	WASH	0				
KS	NT	187	PHILLIPS	1	HEWETT	1941	S2	SE	NE	11	4	S	21	W	99.64866	39.72036	2161	3750	4	PYROX-QZ		8				
KS	NT	188	MARTIN KELLER	1	SLEFFEL	1963	C	NE	NE	7	4	S	22	W	99.83577	39.72447	2380	3851	5	GR		1				
KS	NT	189	CONTINENTAL	1	HEMPHILL	1962	NE	NE	SW	8	4	S	22	W	99.82525	39.71809	2370	3903	37	GR		1				
KS	NT	190	JONES SHELBU	1	WILES	1954	SW	SW	NW	16	4	S	22	W	99.81349	39.70528	2365	3892	12	GR	WASH/GR	1				
KS	NT	191	JONES SHELBU	1	WILEY	1953	SW	SW	SW	19	4	S	22	W	99.85097	39.68372	2256	3720	35	GR	WASH/GR	1				
KS	NT	192	EMPIRE DRILLI	1	TROUBE	1953	SW	SW	SW	20	4	S	22	W	99.83215	39.6838	2270	3764	30	GR	WASH/GR	1				
KS	NT	193	LEBEN	1	FINLEY	1971	C	SW	SW	28	4	S	22	W	99.81239	39.66999	2265	3780	14	GR	WASH	0				
KS	NT	194	REX MORRIS	1	WEATHERS	1950	NW	SW	SE	28	4	S	22	W	99.80408	39.67095	2287	3807	10	WEA	PK GR	1				
KS	NT	195	COLORADO	1	FOSS	1962	NE	NW	NW	32	4	S	22	W	99.82994	39.66745	2235	3727	15	GR	WASH/GR	1				
KS	NT	196	LEBEN	1	MC NEIVE	1970	NW	NW	SW	34	4	S	22	W	99.79467	39.66015	2232	3752	12	GR	WASH	0				
KS	NT	197	LEBEN	2A	ARCHER	1971	C	NW	NE	35	4	S	22	W	99.76563											

KS	NT	245	HANSEN	2	DEDRICK	1963	SE	NE	SW	26	5	S	21	W	99.65681	39.58635	2268	3785	-1443	REA	3793	25	GR WASH/GR	1				
KS	NT	246	PHILLIPS	1	DEDRICK	1946	SW	SW	SE	26	5	S	21	W	99.65445	39.58275	2280	3723	-1443	REA	3738	15	WEA GR	1				
KS	NT	247	HANSEN	2E	FEE	1959	NE	SW	SW	26	5	S	21	W	99.66154	39.58455	2288	3781	-1493	REA	3807	26	GR WASH/GR	1				
KS	NT	248	HANSEN	1	ARASMITH	1960	NE	SE	SE	28	5	S	21	W	99.68848	39.58429	2270	3729	-1459	REA	3766	37	GR WASH/GR	1				
KS	NT	249	ROBINOWITZ	1	GACKSTATT	1965	NW	NW	SW	28	5	S	21	W	99.70122	39.58803	2310	3774	-1464	REA	3786	12	GR WASH/GR	1				
KS	NT	250	PHILLIPS	1	IRMA	1943	NE	NE	SE	30	5	S	21	W	99.72246	39.58796	2299	3780	-1481	REA	3786	6	GN	6				NT-250
KS	NT	251	WALTERS	1	PATTON	1955	NE	NE	NW	30	5	S	21	W	99.732	39.59523	2263	3749	-1486	REA	3762	13	GR	1				
KS	NT	252	PHILLIPS	1	TUCK	1944	SE	NE	NE	31	5	S	21	W	99.7224	39.57896	2313	3741	-1428	MAR	3795	54	WEA GR/GR	1			FAIR	MD
KS	NT	253	POWELL	1	VOSS	1957	SW	SW	SW	31	5	S	21	W	99.73871	39.56824	2278	3936	-1658	REA	3965	29	GR WASH/GR	1				
KS	NT	254	LEE PHILLIPS	1	JACOBSON	1972	NE	SW	NE	34	5	S	21	W	99.67082	39.57725	2286	3724	-1438	REA	3728	4	GR WASH	0				
KS	NT	255	CITIES SERVIC	1	MUIR	1941	SW	SW	NW	34	5	S	21	W	99.68243	39.57536	2265	3749	-1484	REA	3788	39	GR	1				CUTTINGS
KS	NT	256	EMPIRE DRILLI	1	MUIR	1959	NE	NW	NW	34	5	S	21	W	99.68012	39.58074	2282	3717	-1435	ARB	3722	5	GR	1				
KS	NT	257	SATURN	1	SULLIVAN	1952	SE	SE	SW	34	5	S	21	W	99.6754	39.56821	2261	3684	-1423	REA	3697	13	GR WASH	0				
KS	NT	258	HANSEN	1	CALFEE	1959	N2	NE	NW	35	5	S	21	W	99.65798	39.58094	2247	3675	-1428	PEN	3679	4	GR WASH/GR	1				
KS	NT	259	CITIES SERVIC	1	FOX	1957	NE	SE	NE	35	5	S	21	W	99.64731	39.57731	2249	3680	-1431	MAR	3687	7	GR WASH	0				
KS	NT	260	PRATT	1	GRIFFIN	1952	NW	NW	NW	35	5	S	21	W	99.6639	39.58094	2273	3707	-1434	MAR	3728	21	GR WASH	0				
KS	NT	261	HANSEN	1	SULLIVAN	1946	NE	NE	SW	35	5	S	21	W	99.65672	39.57367	2235	3653	-1418	MAR	3660	7	GR WASH/GR	1				
KS	NT	262	K AND E	1	SULLIVAN	1959	NW	NW	SW	35	5	S	21	W	99.66379	39.57367	2249	3664	-1415	PEN	3677	13	GR WASH	0				
KS	NT	263	CITIES SERVIC	2	KITZKE	1942	NE	SE	SE	36	5	S	21	W	99.62869	39.57008	2188	3600	-1412	ARB	3611	11	GR	1				
KS	NT	264	CITIES SERVIC	3	KITZKE	1947	NE	NW	SE	36	5	S	21	W	99.63333	39.5737	2211	3635	-1424	REA	3641	6	GR	1				
KS	NT	265	CITIES SERVIC	12	KITZKE	1960	NE	NE	SW	36	5	S	21	W	99.63798	39.57369	2190	3625	-1435	REA	3630	5	GR WASH/GR	1				
KS	NT	266	HANSEN C AND	1	WALTERS	1956	SE	NE	SW	2	5	S	22	W	99.76938	39.64384	2101	3576	-1475	REA	3596	20	GR WASH/GR	1				
KS	NT	267	HANSEN	1	SCHAFER	1960	SW	SW	NE	3	5	S	22	W	99.78556	39.64749	2189	3680	-1491	REA	3690	10	GR WASH	0				
KS	NT	268	AINSWORTH	1	FITZSIMMONS	1962	C	SE	SE	4	5	S	22	W	99.79829	39.64118	2198	3634	-1436	REA	3674	40	GR WASH/GR	1				
KS	NT	269	HANSEN	1	HEMPHILL	1961	NW	NE	NW	4	5	S	22	W	99.80893	39.65292	2216	3712	-1496	REA	3727	15	GR	1				
KS	NT	270	CITIES SERVIC	1	BMA	1942	NE	NE	NW	6	5	S	22	W	99.84412	39.65295	2264	3735	-1471	ARB	3775	40	GR	1				
KS	NT	271	LEBEN	1	SHEARER	1971	C	NW	NE	7	5	S	22	W	99.8406	39.63752	2219	3706	-1487	PEN	3718	12	WEA GR	1				
KS	NT	272	CITIES SERVIC	1	FREDDE	1951	NE	NE	NE	8	5	S	22	W	99.81607	39.63841	2120	3604	-1484	REA	3620	16	WEA GR	1				
KS	NT	273	CITIES SERVIC	1D	THOMPSON	1959	SE	SW	NW	9	5	S	22	W	99.81125	39.63301	2112	3610	-1498	REA	3634	24	GR WASH/GR	1				
KS	NT	274	GRAVES	1	SCHULTE	1967	SE	SW	NW	10	5	S	22	W	99.7924	39.63301	2156	3594	-1438	REA	3626	32	GR	1				
KS	NT	275	HANSEN	1	STENGER	1965	NW	SE	SE	10	5	S	22	W	99.78104	39.6275	2090	3522	-1432	REA	3550	28	GR WASH/GR	1				POWDER
KS	NT	276	GORE	1	VOSS	1952	SE	NE	NE	10	5	S	22	W	99.77877	39.63657	2126	3585	-1459	REA	3605	20	GR WASH	0				NT-274
KS	NT	277	FOUR-WAY	1	STENGER	1970	NE	SE	SE	11	5	S	22	W	99.76001	39.62748	2140	3579	-1439	REA	3592	13	WEA GR	1				
KS	NT	278	CITIES SERVIC	1A	ARCHER	1957	SE	SW	SW	12	5	S	22	W	99.75536	39.62569	2130	3572	-1442	REA	3585	13	WEA GR	1				
KS	NT	279	HANSEN C AND	1	BOYD	1957	SW	NE	NE	12	5	S	22	W	99.74371	39.63665	2066	3540	-1474	REA	3560	20	GR WASH/GR	1				
KS	NT	280	JONES SHELBU.	1	WEOGARD	1955	SW	SW	NW	12	5	S	22	W	99.7577	39.63295	2097	3544	-1447	REA	3551	7	GR WASH	0				
KS	NT	281	CITIES SERVIC	1B	ARCHER	1957	SE	NW	NW	13	5	S	22	W	99.75537	39.62209	2197	3617	-1420	REA	3628	11	GR WASH	0				
KS	NT	282	B AND R	2	BULLOCK	1958	SE	SE	NE	13	5	S	22	W	99.74146	39.61868	2179	3598	-1419	MAR	3616	18	GR WASH/GR	1				
KS	NT	283	ABERCROMBIE	1	FITZHUGH	1965	C	NW	NE	13	5	S	22	W	99.74727	39.6231	2083	3501	-1418	REA	3565	64	GR WASH	0				CUTTINGS
KS	NT	284	PETROLEUM MG	1	ROBINSON	1967	NE	NE	SW	20	5	S	22	W	99.82524	39.60235	2240	3833	-1593	ARB	3845	12	GR WASH/GR	1				POOR
KS	NT	285	SHIELDS	1	HUNTER	1957	SW	SW	NW	22	5	S	22	W	99.79472	39.60419	2252	3857	-1605	REA	3874	17	GR WASH	0				MD
KS	NT	286	FARMER	1	KOSTER	1970	C	NW	NE	24	5	S	22	W	99.74722	39.6087	2259	3685	-1426	MAR	3704	19	GR WASH	0				
KS	NT	287	D AND D	1	KREHBIEL	1962	C	SE	NW	24	5	S	22	W	99.75189	39.60504	2300	3737	-1437	REA	3765	28	GR WASH	0				
KS	NT	288	SHIELDS	1	KREHBIEL	1957	NW	NW	NW	24	5	S	22	W	99.75771	39.60944	2230	3670	-1440	REA	3711	41	GR WASH/GR	1				
KS	NT	289	CHIEF	1	ARMSTRON	1963	C	NW	NE	25	5	S	22	W	99.74725	39.5943	2254	3704	-1450	PEN	3722	18	GR WASH/GR	1				
KS	NT	290	CITIES SERVIC	1	ARMSTRON	1947	SW	SE	SW	25	5	S	22	W	99.75297	39.5825	2355	3810	-1455	PEN	3881	71	GR WASH/GR	1				CUTTINGS
KS	NT	291	HALL JORDON	1	MAYRHAUS	1941	N2	NW	NE	26	5	S	22	W	99.76581	39.59509	2197	3695	-1498	REA	3722	27	WEA GR	1				FAIR
KS	NT	292	ANTRY WARREN	1	MCKINLEY	1962	SW	SW	SE	26	5	S	22	W	99.76686	39.58245	2235	3748	-1513	MAR	3780	32	GR WASH	0				MD
KS	NT	293	KODIAK PET	23-13	GRAHAM	1992	SW	SW	SW	23	1	S	21	W	99.66231	39.94461	2233	3955	-1722	ARB	3955							
KS	NT	294	KODIAK PET	28-15	SCHNUERLE	1988	NW	SW	SE	28	1	S	21	W	99.69083	39.93191	2217	3818	-1601	ARB	3856	38						
KS	NT	295	LUNDVALL O&G	1	WISEMAN L	1992	SE	SW	SE	36	2	S	23	W	99.85676	39.82853	2226			ARB	3655		GR	1				
KS	NT	296	CHACO ENERGY###	1	BLICKENSTAI	1993	SW	SW	SW	5	2	S	24	W	100.0563	39.90115	2536				3796							
KS	NT	297	FERGUSON	1	ANKENMAN	1961	C	NE	NW	29	3	S	24	W	100.051	39.76787	2343	3695	-1352	ARB	3725	30	GR	1				
KS	NT	298	GEAR PET	1	BAUGUESS	1977	C	NE	SW	32	4	S	22	W	99.82656	39.65929	2170	3646	-1476	REA	3650	4	GR WASH	0				
KS	NT	299	NATURAL GAS	1	KNAPPE	1977	NW	NW	SE	26	4	S	23	W	99.87915	39.67471	2369	3767	-1398	MAR	3800	33	GR WASH	0				
KS	NT	300	ABERCROMBIE	1	VOSS	1977	SE	SE	NW	10	5	S	22	W	99.78786	39.63299	2142	3576	-1434	REA	3580	4	GR WASH	0				
KS	NT	301	F & M OIL	1	HAWKS	1983	NE	SW	NE	8	1	S	21	W	99.70663	39.9826	2332	3750	-1418	ARB	3780	30	WEA GR	1				
KS	NT	302	F AND M OIL	1A	HADLEY	1982	NE	SE	NE	30	1	S	24	W	100.0583	39.93918	2497	3680	-1183	MAR	3681	1	WEA GR	1				
KS	NT	303	FLARE ENERG	3	MORTON	1982	NE	NE	NW	17	1	S	25	W	100.1609	39.97156	2358	3562	-1204	CHE	3590	28	GR WASH	0				

KS	NT	314	HUMMON CORP	2	GRUNERT	1980 C	SE SE	32	2 S	23 W	99.92847	39.82944	2306	3588	-1257 MAR	3605	12 GR WASH	0									
KS	NT	315	DONELSON	1	AMBROSE	1968 NE	NE SW	9	2 S	24 W	100.0303	39.892	2477	3734	-1257 MAR	3749	15 GR WASH	0									
KS	NT	316	SWENCO-WEST	1	THIELE	1983 E2	NE NE	10	2 S	24 W	100.0024	39.89823	2474	3716	-1242 REA	3754	38 GR WASH/GR	1									
KS	NT	317	THUNDERBIRD	1	WUDKE	1980 C	SE SE	28	2 S	24 W	100.0222	39.84403	2408	3673	-1265 MAR	3710	37 GR WASH	0									
KS	NT	318	FERGUSON	1	FOLEY	1968 C	SE SW	29	2 S	24 W	100.0508	39.84404	2482	3752	-1270 MAR	3791	39 GR WASH	0									
KS	NT	319	HUMMON CORP	3	WEGENER	1982 C	NW NW	29	2 S	24 W	100.0557	39.8549	2502	3760	-1258 REA	3816	56 GR WASH	0									
KS	NT	320	HUMMON CORP	1	FOLEY	1980 C	NW SW	29	2 S	24 W	100.0557	39.84765	2502	3776	-1274 MAR	3801	25 GR	1		CUTTINGS	POOR	MD					
KS	NT	321	HUMMON CORP	2	WEGENER	1980 C	SE NW	29	2 S	24 W	100.0508	39.8513	2475	3738	-1263 MAR	3785	47 GR WASH	0									
KS	NT	322	HUMMON CORP	1	HORESKY	1980 C	SE SW	29	2 S	24 W	100.0508	39.84404	2341	3641	-1300 MAR	3680	39 GR WASH	0									
KS	NT	323	HUMMON CORP	1	WEGENER	1980 C	SW NW	29	2 S	24 W	100.0557	39.85128	2500	3774	-1274 MAR	3825	51 WEA GR	1									
KS	NT	324	HUMMON CORP	1	THIELE	1980 C	SE NE	30	2 S	24 W	100.0604	39.85129	2481	3775	-1294 MAR	3780	5 GR WEA	1									
KS	NT	325	HUMMON CORP	2	SMITH	1980 C	SW SE	35	2 S	24 W	99.98944	39.82943	2400	3660	-1260 MAR	3670	10 GR WASH	0									
KS	NT	326	HUMMON CORP	1	SMITH	1980 C	NW SE	35	2 S	24 W	99.98948	39.83307	2427	3688	-1261 MAR	3720	32 GR WASH/GR	1									
KS	NT	327	HUMMON CORP	1	HORESKY	1980 C	SE SW	10	3 S	23 W	99.9012	39.80011	2341	3641	-1300 MAR	3680	39 GR WASH	0									
KS	NT	328	OMEGA ENTER	1	BRANSON	1980 SW	SE SW	19	3 S	23 W	99.95838	39.77039	2412	3728	-1316 MAR	3777	49 GR WASH	0									
KS	NT	329	OMEGA ENTERP	1	BRANSON	1981 SW	SE SW	19	3 S	23 W	99.95838	39.77039	2412	3750	-1338 MAR	3777	27 WEA GR	1									
KS	NT	330	CANADAY OIL	1	BRANSON	1982 W2	SE SW	19	3 S	23 W	99.95839	39.7713	2415	3734	-1319 REA	3760	26 GR WASH	0									
KS	NT	331	HUMMON CORP	1	BUCHANAN	1980 C	SE NW	22	3 S	23 W	99.90115	39.77841	2431	3732	-1301 MAR	3777	45 GR WASH	0									
KS	NT	332	HUMMON	1	VEJL	1980 C	SW SE	26	3 S	23 W	99.87772	39.75668	2411	3738	-1327 MAR	3786	48 GR WASH	0									
KS	NT	333	JENNINGS	1	HORESKY	1975 NE	NE SE	29	3 S	23 W	99.92799	39.76125	2413	3810	-1397 MAR	3827	17 GR	1									
KS	NT	334	HUMMON CORP	1	FREDERICK	1980 C	NW NE	35	3 S	23 W	99.87772	39.75309	2406	3737	-1331 MAR	3778	41 GR	*	1	1580	12	7	CUTTINGS	NT-334	FAIR	LG	
KS	NT	335	HUMMON CORP	2	MECHSNER	1980 SE	NE SE	36	3 S	23 W	99.85313	39.7451	2400	3787	-1387 MAR	3803	16 GR	1									
KS	NT	336	HUMMON CORP	1	MECHSNER	1980 C	NE NW	36	3 S	23 W	99.86367	39.75312	2365	3716	-1351 MAR	3750	34 GR	1									
KS	NT	337	NORCO PET.	1	RULE	1980 SE	SW SE	4	3 S	24 W	100.0261	39.81402	2419	3700	-1281 MAR	3701	1 WEA GR	1									
KS	NT	338	HUMMON CORP	1	PERSINGER	1982 NW	SE NE	23	3 S	24 W	99.98657	39.77943	2406	3711	-1305 REA	3730	19 GR WASH	0									
KS	NT	339	HUMMON CORP	1	SCHOEN	1982 NW	SW NW	24	3 S	24 W	99.98189	39.77939	2412	3716	-1304 REA	3775	59 GR WASH	0									
KS	NT	340	HUMMON CORP	1	CHIPMAN	1982 NE	NW SE	28	3 S	24 W	100.0264	39.76161	2389	3715	-1326 MAR	3750	35 GR	1									
KS	NT	341	THUNDERBIRD	1	ELLIS	1980 C	SW NE	31	3 S	24 W	100.0653	39.74985	2444	3842	-1398 ARB	3883	41 GR WASH	0									
KS	NT	342	ROCKET	1	WILTFONG	1968 NE	NE SW	12	3 S	25 W	100.0874	39.80508	2448	3705	-1257 MAR	3785	80 WEA GR	1									
KS	NT	343	FERGUSON	1	BROWN	1968 C	NE SW	14	3 S	25 W	100.1074	39.78962	2409	3708	-1299 REA	3775	67 GR WASH	0									
KS	NT	344	THUNDERBIRD	2	BROOKS	1980 C	SE SW	33	3 S	25 W	100.1449	39.7425	2482	4034	-1552 REA	4051	17 GR WASH	0									
KS	NT	345	SUNBURST EXP	1	SPERRY	1983 C	NE NW	28	4 S	22 W	99.80768	39.68087	2292	3805	-1513 ARB	3815	10 WEA GR	1									
KS	NT	346	THUNDERBIRD	1	FOSS	1980 C	SE SW	30	4 S	22 W	99.84518	39.67018	2264	3706	-1442 REA	3724	18 GR WASH	0									
KS	NT	347	THUNDERBIRD 1A	1	CARTER	1980 C	NW NE	31	4 S	22 W	99.84052	39.66657	2292	3636	-1344 REA	3675	39 GR WASH	0		CUTTINGS	FAIR	MD					
KS	NT	348	NAT. ASS. PET	1	SANSOM	1968 SE	SE SE	34	4 S	22 W	99.77861	39.65475	2180	3687	-1507 REA	3687	0 GRANITE	1									
KS	NT	349	IREX CORP.	1	HENRY	1983 SE	SE NW	10	4 S	23 W	99.9001	39.71985	2385	3749	-1364 REA	3800	51 WEA GR	1									
KS	NT	350	HUMON	1	HAECK	1980 NW	SE SW	13	4 S	23 W	99.86506	39.70005	2322	3719	-1397 MAR	3752	33 GR WASH	0									
KS	NT	351	HUMON	1	BECKER	1980 NE	SE SE	15	4 S	23 W	99.89056	39.70005	2426	3804	-1378 MAR	3845	41 GR WASH	0									
KS	NT	352	IREX CORP.	1	HARTING	1983 SW	SW NE	16	4 S	23 W	99.91683	39.70526	2368	3860	-1492 REA	3900	40 GR WASH	0									
KS	NT	353	ANADARKO	1	ARCHER	1979 C	C NE	17	4 S	23 W	99.93193	39.708	2410	3845	-1435 REA	3879	34 GR WASH/GR	1									
KS	NT	354	CARL & A.P.C.	1	WARD	1980 C	SW SE	23	4 S	23 W	99.87799	39.68471	2336	3730	-1394 MAR	3770	40 GR	1		CUTTINGS	FAIR	LG					
KS	NT	355	HUMON	1	RUSS	1980 C	NW NW	23	4 S	23 W	99.88708	39.69553	2423	3781	-1358 MAR	3850	69 GR WASH	0									
KS	NT	356	F & M OIL	1	SPROUL	1983 NE	SW NE	25	4 S	23 W	99.85808	39.67831	2330	3757	-1427 REA	3780	23 GR WASH	0									
KS	NT	357	HUMON	1	BECKER	1980 C	NE SE	27	4 S	23 W	99.89197	39.67374	2298	3860	-1562 ARB	3890	30 WEA GR	*	1		CUTTINGS	NT-357	GOOD	MD			
KS	NT	358	HUMMON	1	BECKER	1980 C	NW NE	34	4 S	23 W	99.89671	39.66641	2324	3896	-1572 REA	3905	9 GR	1									
KS	NT	359	THUNDERBIRD	1	SPROUL	1980 C	NE NW	36	4 S	23 W	99.86394	39.66655	2327	3776	-1449 REA	3814	38 GR WASH	0									
KS	NT	360	BRANDT OIL	1	HICKERT	1980 NW	NW NW	3	4 S	24 W	100.0195	39.73992	2440	3780	-1340 REA	3817	37 GR WASH	0									
KS	NT	361	CARL & APC IN	1	BOXLER	1981 NE	NE NE	9	4 S	24 W	100.0218	39.72535	2520	3900	-1380 MAR	3940	40 WEA GR	1									
KS	NT	362	CARL & A.P.C	1	FOUGHT	1980 C	SW SW	12	4 S	24 W	99.98049	39.71373	2486	3888	-1402 ARB	3925	37 GR WASH	0		CUTTINGS	POOR	MD					
KS	NT	363	HUMMON CORP	1	VAN DIEST	1980 C	SW NW	24	4 S	24 W	99.9807	39.692	2466	3914	-1448 ARB	3932	18 GR WASH	0		CUTTINGS	GOOD	SM					
KS	NT	364	F & M OIL	1	SMITH	1980 NW	SE NE	11	4 S	25 W	100.0996	39.72176	2457	3924	-1467 ARB	3955	31 GR WASH	0									
KS	NT	365	MORRIS OIL	1	VOSS	1981 NE	SE NE	30	5 S	21 W	99.72248	39.59158	2243	3731	-1488 REA	3737	6 GR WASH	0									
KS	NT	366	RAYMOND OIL	1	SHELLEY	1982 NW	SW NW	33	5 S	21 W	99.70119	39.57719	2283	3725	-1442 REA	3760	35 GR WASH	0									
KS	NT	367	VINCENT OIL	1	STATES	1983 N2	N2 NE	35	5 S	21 W	99.65088	39.58094	2243	3676	-1433 REA	3692	16 GR WASH	0									
KS	NT	368	SUNBURST EXP	1	SPROUL	1983 N2	N2 SW	5	5 S	22 W	99.82904	39.6457	2219	3717	-1498 REA	3735	18 GR WASH/GR	1									
KS	NT	369	MALLONEE	1	BAUGESS	1968 C	NW SE	5	5 S	22 W	99.82198	39.64478	2220	3729	-1509 REA	3740	11 GR	1									
KS	NT	370	HUMMON CORP	1	VERNON	1980 SW	SW NE	9	5 S	22 W	99.80412	39.63302	2118	3572	-1454 REA	3581	9 GR WASH	0									
KS	NT	371	OKMAR	1	VOSS	1969 SW	NE SE	9	5 S	22 W	99.79932	39.62939	2117	3551	-1434 REA	3562	11 GR WASH	0									
KS	NT	372	ABERCROMBIE	3	STENGER	1974 NW	SW SE	11	5 S	22 W	99.76707	39.62748	2090	3524	-1434 REA	3559	35 GR WASH	0									
KS	NT	373	KIMBARK OIL	1	RIEMAN	1982 NE	NW NW	14	5 S	22 W	99.77411	39.62386	2137	3560	-1423 REA	3589	29 GR WASH	0									
KS	NT	374	OZARK ENTERP1A	1	NOONE	1982 C	NW NE	14	5 S	22 W	99.76588	39.62295	2183	3615	-1432 REA	3616	1 WEA GR	1									
KS	NT	375	IREX CORP.	1	RIEMANN	1983 NE	SW NE	15	5 S	22 W	99.78326	39.6203	2115	3582	-1467 REA	3600	18 GR WASH	0									
KS	NT	376	SUNBURST EXP	1	MCKINLEY	1983 SW	SE SW	24	5 S	22 W	99.75305	39.59696	2315	3776	-1461 REA	3790	14 GR WASH/GR	1									
KS	NT	377	PENDELTON LA	1	BHENBLUST			34	3 S	23 W	99.89874	39.7477															
KS	NT	378	RITCHIE A SCO	1	MCKINLEY-2	1985 NW	NE NW	25	5 S	22 W	99.75305	39.59516	2315	3856	-1541 LKC	3856	0 GR	*	1	1661	24	10	CUTTINGS	NT-378	89597	FAIR	MD
KS	NT	379	KODIAK PET	###	MAY-MONGE	1987 SW	SW SW	27	1 S	21 W	99.68144	39.93012	2240	3974	-1734 ARB	3990	16 GR	1					CUTTINGS		GOOD	LG	
KS	NT	380	SUNBURST EXP	1	MCKINNEY /	1986 NW	NW SW	1	1 S	24 W	99.97999	39.99352	2299	3484	-1185 LKC	3505	21										
KS	NT	381	SUNBURST EXP	1	MC KINLEY	1985 NE	NE NE	14	1 S	24 W	99.98267	39.9717	2403	3618	-1215 LKC												

[illegible]

[illegible]

KS	PN	18	MUSGROVE		1	LUCAS	1953 NE NE NE	13	21 S	18 W	99.2422	38.2312	2097	402REG-600B-PEN	4055	28 GR	*	1			PN-18	PC-163			
KS	PN	19	STANOLIND		1	MCCAMBRID	1942 SW SW SW	20	22 S	19 W	99.44072	38.11814	2150	5273 -3123 ARB	5364	91 SC	*	8			CUTTINGS	PN-19		GOOD	SM
KS	PN	20	ASH	1A		SMITH	1957 NW NW SE	4	22 S	20 W	99.52283	38.16691	2168	4534 -2366 SIM	4544	10 RHYOLITE	*	2			PN-20	PC-149			
KS	PN	21	ARMER		5	GARVIN	1954 NE SE SW	30	23 S	15 W	99.01403	38.01747	2051	3986 -1935 SIM	3991	5 RHYOLITE		2							
KS	PN	22	STANOLIND	1B		RILEY	1953 SW NE SW	30	23 S	15 W	99.01619	38.01928	2054	4073 -2019 ARB	4079	6 RHYOLITE		2							
KS	PN	23	CITIES SERVIC	2B		BECKER	1952 SW NE NW	32	23 S	15 W	98.99864	38.01202	2035	3915 -1880 SIM	3938	23 RHYOLITE	*	2			CUTTINGS	PN-23		FAIR	SM
KS	PN	24	CITIES SERVIC	5B		BECKER	1952 NE SW NW	32	23 S	15 W	99.00095	38.01021	2041	3928 -1887 SIM	3930	2 RHYOLITE		2							
KS	PN	25	N.C.R.A.		1	STARMER	1973 SE NW NE	24	20 S	19 W	99.36852	38.30302	2177	4078 -1901 CHE	4130	52 RHYOLITE	*	2			CUTTINGS	PN-25		FAIR	SM
KS	PN	26	ADDIS		1	GLENN	1973 C NE SE	3	20 S	19 W	99.40133	38.34031	2228	4132 -1904 MAR	4157	25 RHYOLITE	*	2			CUTTINGS	PN-26		FAIR	SM
KS	PN	27	ZENITH EXP.		1	KNIFFER	1982 NE SW NE	29	21 S	15 W	98.99149	38.19923	1963	4518 -2555 ARB	4530	12 GR WASH		0							
KS	PN	28	ANSCHUTZ COR		1	BROWN	1956 NW NW SE	20	21 S	18 W	99.32245	38.21046	2090	4000 -1910 LKC	4026	26									
KS	PN	29	BEREXCO INC		1	RILEY B	1994 SW NE SW	30	23 S	15 W	99.01619	38.01928	2054		ARB	4079									
KS	PR	1	MID CONTINENT		3	KNOP	1945 SW SW NE	25	26 S	13 W	98.69131	37.75594	1929	5007 -3078 REA	5041	34 RHYOLITE	*	2			CUTTINGS	PR-1	PC-157B,C	POOR	SM
KS	PR	2	DEEP ROCK	9C		CALBECK	1951 C NE	33	26 S	13 W	98.74347	37.7444	1951	5158 -3207 REA	5170	12 GR		1							
KS	PR	3	CHAMPLIN	2C		MOORE	1953 NW NW SW	11	26 S	14 W	98.82947	37.79829	1990	5200 -3210 REA	5208	8 GR		1							
KS	PR	4	CONTINENTAL		6	BREHM	1962 NE SW SW	23	28 S	13 W	98.71714	37.58998	1956	5072 -3116 REA	5150	78 GR	*	1			CUTTINGS	PR-4	PC-213	GOOD/F	SM
KS	PR	5	KIRKMAN		2	KNOP	1977 C SE NE	29	26 S	12 W	98.64903	37.75684	1916	5015 -3099 REA	5087	72 WEA GR		1							
KS	PR	6	KIRKMAN		2	KNOP	1977 C SE NE	29	26 S	12 W	98.64903	37.75684	1916	5015 -3099 ARB	5087	72 GR WASH		0							
KS	PR	7	F.G.HOLL		2	KENNEDY	1983 NE NW SW	30	29 S	12 W	98.67986	37.49155	1907	5630 -3724 REA	5646	16 GR		1							
KS	PR	8	VAC PETROL			HOWELL	1986 NE NW SW	17	29 S	15 W	98.99127	37.52019			5805	QT, WEA GR		7			CUTTINGS			FAIR	MD
KS	PR	9	TIMBERLINE O&		1	WELCH	1986 NE NE SE	20	26 S	12 W	98.6487	37.76889	1915	5150 -3235 ARB	5210	60 GR		1			CUTTINGS			FAIR	MD
KS	PR	10	TIMBERLINE O&			DIETZ	1986 NW SE NE	32	26 S	12 W	98.64882	37.7428	1900	5024 -3124 ARB	5100	76 GR		1			CUTTINGS			GOOD	MD
KS	PR	11	TIMBERLINE O&		2	KNOP	1987 C SE NE	29	26 S	12 W	98.64903	37.75684	1916		ARB	5087									
KS	PR	12	PEKCO ENERGI	###		BRIGGEMAN	1986 E2 NE NE	27	26 S	13 W	98.72168	37.76073	1958		ARB	4600									
KS	PT	1	VENUS		1	ARMSTRON	1970 C NE NE	2	6 S	8 E	96.48435	39.5642	1370	1944 -574 SIM	1954	10 GR		1			CUTTINGS (W)			67111	
KS	PT	2	SHAWVER ARMO		1	BUDENBEND	1959 SE SE NE	10	6 S	8 E	96.50191	39.54523	1374	1991 -617 SIM	1995	4 GR	*	1			CUTTINGS (WPT-2)			20457	
KS	PT	3	VENUS		1	FAGERBER	1970 SE SE NE	31	6 S	8 E	96.55885	39.48742	1437	2114 -677 SIM	2150	36 ARKOSE		9			CUTTINGS			FAIR	SM
KS	PT	4	TRI STATE		1	PIERCE	1922 C NW NW	23	6 S	9 E	96.38572	39.52043	1493	1770 -277 SIM	1773	3 GR		1							
KS	PT	5	WOOD		1	MEEHAN	1947 NW NW SW	25	6 S	9 E	96.36857	39.4995	1491	1753 -262 SIM	1754	1 GR		1							
KS	PT	6	VENUS		1	RYAN	1970 SW SE NW	32	6 S	9 E	96.43875	39.48724	1502	2020 -518 SIM	2031	11 GR WASH/GR		1							
KS	PT	7	MALZHAN		1	SHEARER	1951 NW NW NE	33	6 S	9 E	96.41536	39.49259	1484	1910 -426 SIM	1915	5 WEA GR	*	1			CUTTINGS (WPT-7)			A0158	
KS	PT	8	VENUS		1	FALK	1971 NE NE NW	8	6 S	10 E	96.32462	39.55029	1425	1455 -30 SIM	1483	28 WEA GR		1			CUTTINGS (W)			58316	
KS	PT	9	EMPIRE		1	ROKES	1917 SW SW NW	34	6 S	11 E	96.18245	39.48692	1171	906 -265 PEN	1735	829 GR	*	1			PT-9-1,2				
KS	PT	10	VICKERS		1	LUTZ	1959 NW NW NE	10	7 S	7 E	96.63377	39.46371	1264	2238 -974 SIM	2284	46 GR	*	1			CUTTINGS PT-10			GOOD	SM
KS	PT	11	SHAWVER ARMO		1	STELTER	1959 C SW SW	4	7 S	8 E	96.53618	39.46671	1427	2038 -611 SIM	2040	2 GR	*	1			CUTTINGS (WPT-11)			20102	
KS	PT	12	VENUS		1	QUIGLEY	1971 C NW NE	4	7 S	9 E	96.41425	39.47722	1429	1890 -461 SIM	1906	16 GR		1			CUTTINGS (W)			58315	
KS	PT	13	HAWLEY		1	PENDERGAST	1957 SE SW SE	8	7 S	9 E	96.43185	39.45133	1460	1824 -364 LAM	1825	1 GR WASH	*	0							
KS	PT	14	SHELL	###		COREHOLE	1945 NE NE SW	12	7 S	9 E	96.36179	39.45608	1305	1705 -400 SIM	1709	4 GR		1			CUTTINGS (W)			68737	
KS	PT	15	VENUS		1	MAGNETT	1970 C SW NW	24	7 S	9 E	96.36761	39.42979	1358	1820 -462 SIM	1852	32 GR WASH/GR		1			CUTTINGS (W)			58317	
KS	PT	16	SHELL	###		COREHOLE	1947 NE SE SE	1	7 S	10 E	96.24039	39.46708	1365	1449 -84 SIM	1463	14 CH-GR-GN		6							
KS	PT	17	SHELL	###		COREHOLE	1947 SW SE SW	4	7 S	10 E	96.30846	39.4653	1475	1715 -240 SIM	1716	1 CH-GR-GN		6							
KS	PT	18	VENUS		1	FIGGE	1970 SW NE NW	14	7 S	10 E	96.27071	39.44701	1330	1516 -186 SIM	1521	5 QT		7			CUTTINGS (W)			58318	
KS	PT	19	KIRK VICKERS		1	KELLY	1960 C NW SE	25	7 S	10 E	96.24629	39.41104	1178	1406 -228 SIM	1408	2 GR	*	1			CUTTINGS (WPT-19)			21770	
KS	PT	20	FIVE NATIONS		1	ORSBORN	1961 C NE NE	28	7 S	10 E	96.29762	39.4188	1317	1572 -255 SIM	1601	29 GR	*	1			CUTTINGS (WPT-20)			23275	
KS	PT	21	SHELL	###		COREHOLE	1945 NE NE NE	29	7 S	10 E	96.31532	39.41964	1395	1707 -312 SIM	1709	2 GR		1			CUTTINGS (W)			68740	
KS	PT	22	VENUS		1	MCGUIRE	1971 NW NW SE	12	7 S	11 E	96.13582	39.45618	1153	1200 -47 SIM	1212	12 GR		1			CUTTINGS (W)			67663	
KS	PT	23	VICKERS		1	HARTWICK	1959 NW NW SW	19	7 S	11 E	96.2381	39.42663	1268	1434 -166 SIM	1440	6 GR	*	1			CUTTINGS (WPT-23)			20046	
KS	PT	24	DANIELS		1	HANDLEY	1960 C NE NE	6	7 S	12 E	96.11219	39.4768	1271	3014 -1743 SIM	3017	3 GR		1							
KS	PT	25	VENUS		1	CASEY	1971 SE SE SE	9	7 S	12 E	96.07339	39.45009	1385	3475 -2090 SIM	3600	125 METASED		9			CUTTINGS			FAIR	SM
KS	PT	26	VENUS		3	CASEY	1972 SE NW SE	9	7 S	12 E	96.07819	39.45381	1394	3482 -2088 SIM	3520	38 METASED		9			CUTTINGS			FAIR	SM
KS	PT	27	ADAIR		1	STOFFER	1959 NE SE SW	1	8 S	7 E	96.59871	39.38403	1296	2289 -993 SIM	2300	11 GR	*	1			CUTTINGS (WPT-27)			18298	
KS	PT	28	JAY BEE		1	PHILLIPS	1968 SE SE NW	24	8 S	7 E	96.59868	39.34252	1364	2385 -1021 SIM	2400	15 GR		1			CUTTINGS (W)			33458	
KS	PT	29	CORONADA		1	WELTER	1951 SW SW SW	36	8 S	8 E	96.48106	39.30626	1240	2113 -873 ARB	2119	6 GR		1							
KS	PT	30	GULF		1	EWING	1960 SW SW SW	6	8 S	9 E	96.46234	39.37868	1220	1948 -728 SIM	1953	5 PK GR	*	1			CUTTINGS (WPT-30)			20564	
KS	PT	31	TURNER		1	UMSCHEID	1938 C NE SW	32	8 S	9 E	96.43813	39.31041	1111	1980 -869 SIM	1985	5 GR/SC/GN	*	1			CUTTINGS (WPT-31)			1053	
KS	PT	32	SHELL	###		COREHOLE	1945 SW SE SE	1	8 S	10 E	96.24298	39.37769	1125	2003 -878 SIM	2006	3 CH-GR-GN		6							
KS	PT	33	SHELL	###		COREHOLE	1945 NW NW NE	7	8 S	10 E	96.34129	39.37611	1423	1878 -455 SIM	1881	3 GR		1							
KS	PT	34	VENUS		1	BAIROW	1970 NW SE NW	10	8 S	10 E	96.29028	39.37259	1285	1647 -362 SIM	1670	23 GR		1			CUTTINGS (W)			70399	
KS	PT	35	K AND E		1	EDWARDS	1961 SE SE SW	15	8 S	10 E	96.28777	39.34892	1154	1076 -78 PEN	1157	81 WEA GR	*	1			CUTTINGS (WPT-35)			23250	
KS	PT	36	VENUS		1	BURGESS	1971 SW SE SE	23	8 S	10 E	96.2618	39.33424	1087	1512 -425 SIM	1539	27 GR		1			CUTTINGS (W)			70354	
KS	PT	37	VICKERS		1	BAIROW	1959 SW NW SE	26	8 S	10 E	96.26657	39.32342	1180	1833 -653 SIM	1846	13 GR	*	1			CUTTINGS (WPT-37)			19959	
KS	PT	38	VENUS		1	BALLENTINE	1971 C NE NW	26	8 S	10 E	96.26994	39.3316	1198	1642 -444 SIM	1652	10 GR		1			CUTTINGS (W)			70396	
KS	PT	39	VENUS		1	COX	1971 C SE NE	30	8 S	10 E	96.33588	39.32789	1254	1744 -490 SIM	1760	16 GR WASH/GR		1			CUTTINGS (W)			58320	
KS	PT	40	ANDERSON PRI		1	MCFARLAND	1949 NE NE SE	14	8 S	11 E	96.14735	39.35374	1296	3486 -2190 SIM	3495	9 GR	*	1			CUTTINGS (WPT-40)			30923	
KS	PT	41	VENUS		2	PITNEY	1971 C NW SE	20	8 S																

KS	PT	46	BRADLEY	1	JANSSEN	1972	C	NE	NE	33	8	S	12	E	96.0743	39.31633	1062	3340	BEQANBSIM	3357	17	GR	WASH	0	CUTTINGS (W)	68367			
KS	PT	47	RANSOPHER	1	WASHINGTON	1963	NW	SW	NE	7	9	S	8	E	96.57077	39.28665	1315	2337	-1022	SIM	2339	2	GR		1	CUTTINGS (W)	58791		
KS	PT	48	KAISER FRANCI	1	ROESENER	1959	SE	SW	SW	14	9	S	8	E	96.49757	39.26308	1314	2303	-989	SIM	2306	3	GR		1	CUTTINGS (VPT-48)	20270		
KS	PT	49	GEARHART CAN	1	EIKENHORS	1960	NW	NW	NW	16	9	S	8	E	96.53735	39.27592	1216	2205	-989	SIM	2212	7	GR		1	CUTTINGS (W)	20091		
KS	PT	50	ALLMAN	1	FRIEDRICK	1951	NW	NW	NW	20	9	S	8	E	96.55603	39.26129	1204	2299	-1095	SIM	2305	6	DIORITE		1	CUTTINGS (VPT-50)	28999		
KS	PT	51	FRANCIS KAISE	1	UNTERBERG	1959	SE	SE	SE	24	9	S	8	E	96.46475	39.24825	1239	2153	-914	SIM	2161	8	GR		1	CUTTINGS (VPT-51)	20069		
KS	PT	52	VENUS	1	MCCOY	1971	SW	NE	NW	26	9	S	8	E	96.49524	39.24475	1215	2178	-963	SIM	2195	17	GR		1	CUTTINGS (W)	67351		
KS	PT	53	FRANCIS KAISE	1	GLENN	1960	SW	SW	SW	35	9	S	8	E	96.49974	39.21934	1108	1998	-890	SIM	2006	8	GR		1	CUTTINGS (VPT-53)	18619		
KS	PT	54	FRANCIS KAISE	1	WOODARD	1959	SE	SE	SE	36	9	S	8	E	96.46483	39.21925	1178	2087	-909	SIM	2095	8	GR		1	CUTTINGS (VPT-54)	17509		
KS	PT	55	VENUS	1	EBERT	1970	SE	NE	NW	2	9	S	9	E	96.3808	39.30173	1162	1905	-743	SIM	1920	15	GR		1	CUTTINGS (W)	67691		
KS	PT	56	LA SHELLE	1	UMSCHEID	1947	C	NW	NW	16	9	S	9	E	96.42398	39.27393	1083	2065	-982	SIM	2075	10	QT		7	CUTTINGS (W)	2189		
KS	PT	57	LINCOLN	1	UMSCHEID	1951	SE	SW	NW	16	9	S	9	E	96.42284	39.26939	1087	1954	-867	SIM	1964	10	GR		1	CUTTINGS (VPT-57)	41738		
KS	PT	58	TENNESSEE	1	BURGESS	1960	SW	SW	NW	24	9	S	9	E	96.36942	39.25439	1036	1818	-782	SIM	1822	4	GR		1	CUTTINGS (W)	21785		
KS	PT	59	FRANCIS KAISE	1	DEKAT	1960	SE	SE	SE	29	9	S	9	E	96.42754	39.23312	1178	2036	-858	SIM	2043	7	GR		1	CUTTINGS (VPT-59)	20600		
KS	PT	60	CRAWFORD	1	HOOPER	1917	NE	SE	NW	34	9	S	9	E	96.39956	39.22746	1111	1850	-739	SIM	2225	375	GR		1				
KS	PT	61	VENUS	1	WORTHING	1971	S2	SE	NW	1	9	S	10	E	96.25158	39.29796	1126	2160	-1034	SIM	2189	29	GR		1	CUTTINGS	FAIR	SM	
KS	PT	62	VENUS	1	CARR	1971	W2	SW	SW	6	9	S	10	E	96.3505	39.29149	1061	1218	-157	SIM	1234	16	GR		1	CUTTINGS (W)	70389		
KS	PT	63	VENUS	1	UMSCHEID	1971	C	NE	SW	16	9	S	10	E	96.30737	39.26608	1042	1565	-523	SIM	1580	15	GR		1	CUTTINGS (W)	70389		
KS	PT	64	TENNESSEE	1	MANSFIELD	1960	NW	NW	NE	19	9	S	10	E	96.34115	39.25967	1019	1718	-699	SIM	1724	6	GR		1	CUTTINGS (W)	21764		
KS	PT	65	TENNESSEE	1	RIAT	1960	N2	NW	SE	30	9	S	10	E	96.34003	39.23795	1078	1763	-685	SIM	1779	16	GR WASH/GR		1	CUTTINGS (VPT-65)	21764		
KS	PT	66	CADDO	1	EBEL	1950	NE	NE	NE	32	9	S	10	E	96.31576	39.23078	1078	1701	-623	SIM	1715	14	GR		1	CUTTINGS (W)	33314		
KS	PT	67	WELLER BUSH	1	BRUNNER	1950	NE	NE	NE	36	9	S	10	E	96.24133	39.23067	973	2980	-2007	SIM	2995	15	BIO-GR		1	CUTTINGS (VPT-67)	25087		
KS	PT	68	MORRISON	1	AULT	1955	SE	SE	SE	5	9	S	11	E	96.2041	39.29048	1077	2974	-1897	ARB	2980	6	GR		1	CUTTINGS (VPT-68)	28098		
KS	PT	69	SIEGEL	1	REZAC	1951	SW	SW	SW	7	9	S	12	E	96.12696	39.2757	1257	3605	-2348	LAM	3607	2	GR		1	CUTTINGS (VPT-69)	24771		
KS	PT	70	BEDELL	1	GERHARDT	1959	NE	NE	SW	2	10	S	9	E	96.38084	39.20921	1219	1291	-72	CHE	1296	5	QT		7	CUTTINGS (W)	18619		
KS	PT	71	JOHNSTON	1	OLSON	1960	NE	NW	NE	6	10	S	10	E	96.33936	39.21635	1125	1170	-45	CHE	1176	6	GR		1				
KS	PT	72	BREWER	1	PINICK	1973	NE	SW	NE	16	7	S	12	E	96.07808	39.44472	1373	3672	-2299	SIM	3679	7	GR		1				
KS	PT	73	KANSAS OIL	1	BURGESS	1976	SE	NW	SE	31	9	S	10	E	96.33926	39.22173	1120	1312	-192	SIM	1322	10	GR		1	CUTTINGS PT-73	GOOD	MD	
KS	PT	74	ANADARKO	1	STRAUB	1976	SE	SE	SE	29	9	S	11	E	96.20415	39.23229	967	3090	-2123	SIM	3103	13	GR WASH		0	CUTTINGS	GOOD	MD	
KS	PT	75	ENERGY RESER	1	PROCESSIN	1977	NE	NE	SW	13	10	S	8	E	96.47406	39.18066	1001	1940	-939	SIM	1943	3	WEA GR		1	CUTTINGS (W)	A3841		
KS	PT	76	PENDLETON LA	1	MARCOUX	1983	C	SW	NE	26	6	S	12	E	96.04231	39.50153	1379	3750	-2371	SIM	3760	10	GR		1	CUTTINGS (W)	B3867		
KS	PT	77	TOMAR	1	FORDHAM	1974	SW	NE	SW	10	7	S	12	E	96.06647	39.4537	1358	3492	-2134	SIM	3516	24	METASED		9	CUTTINGS (W)	70267		
KS	PT	78	SCHOENROCK	1	HODGES	1978	SE	NE	NW	33	9	S	9	E	96.41821	39.2294	1165	1983	-818	SIM	1993	10	QT WEA		7	CUTTINGS (W)	J6634		
KS	PT	79	INCLINE RESER	1	FALKENSTE	1986	SE	NW	SE	33	7	S	11	E	96.18935	39.39564	1067	2551	-1484	SIM	2555	4	GR/METASED		1	CUTTINGS	C2158		
KS	PT	80	MIURA PET	5	CASEY	1987	NE	NE	SE	9	7	S	12	E	96.07354	39.45557	1386	3498	-2112	SIM	3590	92	GR		1	CUTTINGS			
KS	PT	81	HAWLEY E A	1	PENDERGAS	1951	SE	SE	SE	8	7	S	9	E	96.42717	39.45141	1460	1824	-364	ARB	1825	1							
KS	PT	82	WALKER O&G	1	WICKSTRUM	1986	SW	SW	NW	21	8	S	8	E	96.53697	39.34269	1439	2396	-957	VIO	2399	3							
KS	PT	83	PENDLETON LA	1	BALLENTINE	1984	C	NW	NE	4	8	S	11	E	96.1905	39.38929	1041	2490	-1449	SIM	2535	45							
KS	PT	84	PENDLETON LA	1	REZAC	1984	C	SW	SE	33	8	S	12	E	96.07904	39.30547	1170	3456	-2286	SIM	3500	44							
KS	PT	85	PENDLETON LA	1	MARCOUX	1985	C	NW	NE	26	6	S	12	E	96.04231	39.50516	1383	3747	-2364	SIM	3790	43							
KS	RA	1	MURFIN LADME	1	STOLTE	1962	C	NW	NW	6	1	S	32	W	100.9597	40.00045	2847	4549	-1702	REA	4576	27	GR WASH/GR		1				
KS	RA	2	SKELLY	1	KOMPUS	1959	SW	SW	SW	33	1	S	32	W	100.9243	39.91625	2971	4620	-1649	REA	4641	21	GR		1	CUTTINGS RA-2	POOR	SM	
KS	RA	3	EMPIRE DRILLI	1	PETERSON	1967	C	SE	NW	6	1	S	33	W	101.067	39.9967	3001	4677	-1676	REA	4685	8	GR		1				
KS	RA	4	EMPIRE DRLG	1	GRAVES	1968	NE	NE	NW	7	1	S	33	W	101.0657	39.98629	2976	4469	-1493	CHE	4472	3	GR		1				
KS	RA	5	LEBEN AMERAD	1	PETERSON	1961	C	NW	NE	8	1	S	33	W	101.044	39.98547	3025	4662	-1637	ARB	4680	18	QT		7				
KS	RA	6	DEKALB	1	HORINEK	1965	C	NW	NE	10	1	S	33	W	101.0066	39.98579	2941	4573	-1632	ARB	4643	70	SC		8	CUTTINGS RA-6	PC-198	POOR S	M
KS	RA	7	EMPIRE	1	HEDKE	1965	C	SE	NW	1	1	S	34	W	101.0854	39.9968	3034	4562	-1528	CHE	4586	24	GR WASH/GR		1				
KS	RA	8	ALLAN	1	OHLSON	1961	C	SE	NE	3	1	S	34	W	101.1139	39.99685	3129	4669	-1540	PEN	4674	5	QT		7				
KS	RA	9	MURFIN	3	OHLSON	1971	C	SE	SE	3	1	S	34	W	101.1138	39.98932	3103	4644	-1541	MIS	4658	14	GR WEA		1				
KS	RA	10	SKELLY	1A	CAHOJ	1959	SE	SE	SE	8	1	S	34	W	101.1505	39.97399	3141	4660	-1519	MIS	4677	17	QT		7				
KS	RA	11	SKELLY	3A	CAHOJ	1959	SE	SW	SE	8	1	S	34	W	101.1552	39.97403	3100	4637	-1537	MIS	4644	7	QT		7				
KS	RA	12	BRITISH AMERI	1	HORINEK	1960	C	NE	SE	12	1	S	34	W	101.0758	39.97805	3076	4630	-1554	CHE	4640	10	GR		1				
KS	RA	13	EMPIRE	1B	HORINEK	1966	C	SW	SW	12	1	S	34	W	101.0897	39.97467	3119	4658	-1539	CHE	4660	2	GR		1				
KS	RA	14	IMPERIAL	1	FIKAN	1959	SE	NW	NW	14	1	S	34	W	101.1076	39.97034	3144	4723	-1579	MIS	4758	35	QT		7				
KS	RA	15	SKELLY	1	CAHOJ	1959	SE	SE	NE	17	1	S	34	W	101.1504	39.96667	3159	4691	-1532	MIS	4732	41	METASED		9	CUTTINGS RA-15	FAIR	MD	
KS	RA	16	SKELLY	1B	CAHOJ	1959	SE	SE	SE	18	1	S	34	W	101.169	39.9595	3186	4774	-1588	MIS	4778	4	QT		7				
KS	RA	17	STANOLIND	4	STRAT TEST	1943	SW	SW	NE	20	1	S	34	W	101.1573	39.95215	3197	4809	-1612	ARB	4817	8	QT		7				
KS	RA	18	SKELLY	1	HORINEK	1959	SE	NW	NW	21	1	S	34	W	101.1456	39.95573	3180	4946	-1766	REA	4953	7	QT		7				
KS	RA	19	EMPIRE DRILLI	1	GOELTL	1964	C	SE	SW	4	2	S	32	W	100.9186	39.90277	2892	4469	-1577	ARB	4475	6	GR		1	CUTTINGS RA-19	POOR	SM	
KS	RA	20	K AND E BRADL	1	FOCKE	1959	NW	N																					

KS	RC	69	HINKLE ATLANT	4	MEHL	1952	SW	NE	SW	27	18	S	10	W	98.41888	38.45359	1753	3165	-1429	PEN	3171	40	QT	7					
KS	RC	70	RESERVE	1	MEHL	1935	NE	NE	SW	27	18	S	10	W	98.41656	38.4554	1749	3178	-1429	PEN	3192	14	QT	7					
KS	RC	71	RESERVE	2	MEHL	1936	NW	NE	SW	27	18	S	10	W	98.41887	38.4554	1751	3172	-1421	PEN	3204	32	QT	7					
KS	RC	72	SLICK PRYOR	2	ORTH	1934	SW	SE	NE	27	18	S	10	W	98.40965	38.45722	1749	3255	-1506	PEN	3272	17	QT	7					
KS	RC	73	SLICK PRYOR	3	ORTH	1935	SW	SW	NE	27	18	S	10	W	98.41425	38.45722	1751	3165	-1414	PEN	3178	13	QT	7					
KS	RC	74	TRANSWESTER	4	ORTH	1944	SW	NW	NE	27	18	S	10	W	98.41422	38.46084	1753	3155	-1402	PEN	3162	7	QT	7					
KS	RC	75	SKELLY	1	VOLKLAND	1935	SE	SE	NW	27	18	S	10	W	98.41655	38.45721	1752	3153	-1401	PEN	3168	15	QT	7					
KS	RC	76	SKELLY	2	VOLKLAND	1937	SW	SE	NW	27	18	S	10	W	98.41886	38.45721	1752	3152	-1400	LKC	3186	34	QT	7					
KS	RC	77	SKELLY	3A	VOLKLAND	1941	N2	SE	NW	27	18	S	10	W	98.41769	38.45902	1752	3127	-1375	LKC	3131	4	QT	7					
KS	RC	78	SKELLY	4A	VOLKLAND	1944	E2	SW	NW	27	18	S	10	W	98.42116	38.45811	1745	3145	-1400	PEN	3162	17	QT	7					
KS	RC	79	SKELLY	5A	VOLKLAND	1947	NW	SE	NW	27	18	S	10	W	98.41884	38.45902	1752	3127	-1375	LKC	3162	35	QT	7					
KS	RC	80	ANDERSON PRI	1	HEINZ	1950	SW	SE	SE	28	18	S	10	W	98.42808	38.44997	1746	3143	-1397	PEN	3159	16	QT	7					
KS	RC	81	ANDERSON PRI	2	HEINZ	1951	NW	SE	SE	28	18	S	10	W	98.42808	38.45178	1743	3118	-1375	LKC	3150	32	QT	7					
KS	RC	82	ANDERSON PRI	3	HEINZ	1952	SE	SW	SE	28	18	S	10	W	98.43037	38.44998	1740	3117	-1377	LKC	3137	20	QT	7					
KS	RC	83	ANDERSON PRI	4	HEINZ	1958	NE	SW	SE	28	18	S	10	W	98.43037	38.45179	1741	3165	-1424	LKC	3175	10	QT	7					
KS	RC	84	HINKLE	1	HEINZ	1940	E2	NE	SE	28	18	S	10	W	98.42578	38.45449	1749	3313	-1564	PEN	3319	6	QT	7					
KS	RC	85	CHIEF	1	SITTNER	1963	N2	NE	SW	28	18	S	10	W	98.43608	38.45543	1744	3238	-1494	PEN	3240	2	QT	7					
KS	RC	86	SKELLY	1	SITTNER	1952	SW	SW	SW	28	18	S	10	W	98.44183	38.45003	1738	3172	-1434	LKC	3205	33	QT	7					
KS	RC	87	ANDERSON PRI	1	GEMEINHAR	1949	SE	SE	SE	29	18	S	10	W	98.44414	38.45003	1741	3144	-1403	LKC	3200	56	QT	7					
KS	RC	88	SOHIO	1	BUEHLER	1964	W2	SW	NE	31	18	S	10	W	98.46975	38.44372	1757	3261	-1504	ARB	3292	31	QT	7					
KS	RC	89	SOHIO	4A	REIF	1951	NW	NW	SW	31	18	S	10	W	98.47909	38.44102	1749	3259	-1510	ARB	3272	13	QT	7					
KS	RC	90	BRANINE HOLL	1	BIEBERLE	1950	NW	NE	SE	32	18	S	10	W	98.44656	38.44099	1742	3230	-1488	LKC	3252	22	QT	7					
KS	RC	91	SARGENT	1	GEMEINHAR	1953	NE	NE	SW	32	18	S	10	W	98.45349	38.44098	1746	3278	-1532	PEN	3282	4	QT	7					
KS	RC	92	ANDERSON PRI	1	RINGWALD	1949	NE	SE	NE	32	18	S	10	W	98.4442	38.44461	1742	3066	-1324	LKC	3090	24	QT	7					
KS	RC	93	ANDERSON PRI	2	RINGWALD	1949	NE	NE	NE	32	18	S	10	W	98.44415	38.44822	1747	3095	-1348	LKC	3112	17	QT	7					
KS	RC	94	ANDERSON PRI	3	RINGWALD	1949	SW	NE	NE	32	18	S	10	W	98.4465	38.44641	1739	3243	-1504	PEN	3247	4	QT	7					
KS	RC	95	ANDERSON PRI	4	RINGWALD	1949	S2	SE	NE	32	18	S	10	W	98.44537	38.4428	1748	3146	-1398	LKC	3172	26	QT	7					
KS	RC	96	ANDERSON PRI	5	RINGWALD	1950	SE	SE	SW	NE	32	18	S	10	W	98.44884	38.4428	1752	3168	-1416	PEN	3204	36	QT	7				
KS	RC	97	ANDERSON PRI	6	RINGWALD	1952	SE	NE	NE	32	18	S	10	W	98.44418	38.44641	1744	3113	-1369	PEN	3125	12	QT	7					
KS	RC	98	ANDERSON PRI	7	RINGWALD	1952	C	SE	NE	32	18	S	10	W	98.44536	38.4437	1741	3092	-1351	LKC	3171	79	QT	7					
KS	RC	99	SARGENT	1	RINGWALD	1942	SE	SE	NW	32	18	S	10	W	98.45348	38.44279	1742	3180	-1438	PEN	3210	30	QT	7					
KS	RC	100	SARGENT	2	WESSLER	1953	SE	SW	NW	32	18	S	10	W	98.45811	38.44279	1749	3262	-1513	PEN	3281	19	QT	7					
KS	RC	101	SKELLY	1	BUEHLER	1949	NW	SW	NW	33	18	S	10	W	98.44189	38.44461	1738	3124	-1386	LKC	3157	33	QT	7					
KS	RC	102	SKELLY	2	BUEHLER	1949	NW	NW	NW	33	18	S	10	W	98.44184	38.44822	1738	3131	-1393	LKC	3134	3	QT	7					
KS	RC	103	SKELLY	3	BUEHLER	1949	SW	SW	NW	33	18	S	10	W	98.44191	38.4428	1740	3230	-1490	PEN	3247	17	QT	7					
KS	RC	104	SKELLY	4A	BUEHLER	1951	NW	NE	NW	33	18	S	10	W	98.43726	38.4482	1746	3325	-1579	PEN	3326	1	QT	7					
KS	RC	105	SKELLY	5A	BUEHLER	1952	SW	NW	NW	33	18	S	10	W	98.44186	38.44641	1739	3148	-1409	PEN	3189	41	QT	7					
KS	RC	106	SKELLY	1B	BUEHLER	1951	NW	NE	NE	33	18	S	10	W	98.4281	38.44816	1745	3126	-1381	LKC	3148	22	QT	7					
KS	RC	107	SKELLY	2B	BUEHLER	1952	NE	NW	NE	33	18	S	10	W	98.43037	38.44817	1740	3100	-1360	LKC	3122	22	QT	7					
KS	RC	108	SKELLY	3B	BUEHLER	1952	NW	NW	NE	33	18	S	10	W	98.43268	38.44818	1737	3158	-1421	PEN	3186	28	QT	7					
KS	RC	109	SKELLY	4B	BUEHLER	1956	SE	NW	NE	33	18	S	10	W	98.4304	38.44637	1737	3115	-1378	LKC	3150	35	QT	7					
KS	RC	110	SKELLY	5B	BUEHLER	1958	SW	NE	NE	33	18	S	10	W	98.4281	38.44636	1744	3234	-1490	PEN	3254	20	QT	7					
KS	RC	111	SKELLY	6B	BUEHLER	1958	NE	SW	NE	33	18	S	10	W	98.4304	38.44456	1744	3090	-1346	PEN	3135	45	QT	7					
KS	RC	112	SKELLY	7B	BUEHLER	1958	NW	SE	NE	33	18	S	10	W	98.42811	38.44455	1739	3180	-1441	PEN	3218	38	QT	7					
KS	RC	113	SKELLY	8B	BUEHLER	1958	SE	SW	NE	33	18	S	10	W	98.43042	38.44276	1738	3137	-1399	PEN	3174	37	QT	7					
KS	RC	114	SKELLY	9B	BUEHLER	1958	SW	SE	NE	33	18	S	10	W	98.42812	38.44274	1737	3156	-1419	PEN	3200	44	QT	7					
KS	RC	115	SKELLY	B 10	BUEHLER	1958	SW	NW	NE	33	18	S	10	W	98.43269	38.44637	1739	3230	-1491	PEN	3260	30	QT	7					
KS	RC	116	SKELLY	1	HAAS	1958	NE	NW	SE	33	18	S	10	W	98.43044	38.44095	1738	3307	-1569	PEN	3320	13	QT	7					
KS	RC	117	B AND R	1	WESSLER	1958	NE	NW	NW	34	18	S	10	W	98.4212	38.44815	1748	3220	-1472	LKC	3245	25	QT	7					
KS	RC	118	BIRMINGHAM BA	1	WESSLER	1952	NE	NE	NE	34	18	S	10	W	98.40741	38.44817	1741	3135	-1394	LKC	3157	22	QT	7					
KS	RC	119	BIRMINGHAM BA	2	WESSLER	1953	NW	NE	NE	34	18	S	10	W	98.40971	38.44817	1736	3207	-1471	PEN	3215	8	QT	7					
KS	RC	120	HINKEL	1	WESSLER	1938	SE	NE	NW	34	18	S	10	W	98.41661	38.44635	1745	3247	-1502	PEN	3257	10	QT	7					
KS	RC	121	SKELLY	1	ALLINGER	1952	NW	NW	NW	35	18	S	10	W	98.40511	38.44818	1739	3162	-1423	PEN	3214	52	QT	7					
KS	RC	122	SLICK	1	DEEDS	1927	SE	SW	NW	1	19	S	7	W	98.04948	38.42841	1607	4055	-2448	ARB	4456	401	ARKOSE	9					
KS	RC	123	HENDERSON	7	KELLER	1949	NW	SE	NE	5	19	S	9	W	98.33427	38.43022	1717	3760	-2043	ARB	3880	120	GR WASH	0					
KS	RC	124	SHELL	1A	REESE	1937	SW	SW	NW	5	19	S	9	W	98.34816	38.42836	1710	3757	-2047	ARB	3850	93	MI-SC	8					
KS	RC	125	SHELL	2	HAFFERMAN	1937	C	SE		6	19	S	9	W	98.35429	38.42385	1709	3750	-2041	REA	3835	85	SC,QT	8					
KS	RC	126	CITIES SERVIC	1	WILLARD	1950	NE	NE	SW	6	19	S	9	W	98.36051	38.42657	1711	3705	-1994	ARB	3720	15	QT	7					
KS	RC	127	BAY	2	GRIZZELL	1945	SW	NE	NW	8	19	S	9	W	98.34354	38.41751	1706	3790	-2084	REA	3809	19	SC	8					
KS	RC	128	MCPHERSON	4D	CRAMM	1941	N2	S2																					

KS	RC	138	LEWIS	1	STRATMAN	1950	SE	NW	NE	5	19	S	10	W	98.44893	38.43196	1741	3378	3338	20	QT	7
KS	RC	139	CLINTON	1	V RINGWALD	1969	NW	SE	SE	8	19	S	10	W	98.44658	38.40843	1765	3506	3509	3	GR WASH	0
KS	RC	140	ISERN	5	FLORA	1957	NW	SW	SE	12	19	S	10	W	98.37724	38.40847	1738	3706	3724	18	RHYOLITE	2
KS	RC	141	LEBSACK	3	DORAN	1949	SW	SE	SE	13	19	S	10	W	98.37257	38.39214	1743	3726	3730	4	GR	1
KS	RC	142	ATLANTIC RET	6	EMERICK	1950	SW	SE	NE	13	19	S	10	W	98.3726	38.39939	1740	3740	3802	62	GR	1
KS	RC	143	WEAVER	5	ANKERHOLZ	1951	NE	NW	NW	14	19	S	10	W	98.40265	38.40482	1749	3682	3689	7	GR	1
KS	RC	144	LEE PHILLIPS	1	EBERHART	1957	NE	NE	SE	18	19	S	10	W	98.46277	38.39749	1772	3894	3897	3	GR WASH	0
KS	RC	145	LAUCK	1	PROBST	1949	NE	SE	NE	20	19	S	10	W	98.44415	38.3867	1772	3270	3284	14	QT	7
KS	RC	146	LAUCK	3	PROBST	1949	SE	SE	NE	20	19	S	10	W	98.44415	38.38488	1767	3222	3227	5	QT	7
KS	RC	147	CONTINENTAL	1	ROELFS	1949	NE	NE	SE	20	19	S	10	W	98.44413	38.38306	1763	3234	3237	3	QT	7
KS	RC	148	BERGMAN	2	EATINGER	1949	NW	SW	NW	21	19	S	10	W	98.44184	38.38672	1766	3262	3297	35	QT	7
KS	RC	149	BERGMAN	3	EATINGER	1949	SW	NW	NW	21	19	S	10	W	98.44185	38.38854	1766	3276	3280	4	QT	7
KS	RC	150	SKELLY	1	KNOP	1941	NE	NE	SW	21	19	S	10	W	98.43489	38.38311	1764	3226	3268	42	QT	7
KS	RC	151	LEWIS	1	BERNSTORF	1948	N2	NE	NE	27	19	S	10	W	98.40833	38.37579	1745	3286	3291	5	GR WASH	0
KS	RC	152	SKELLY	1C	BERNSTORF	1939	S2	SE	NE	27	19	S	10	W	98.40829	38.37032	1751	3284	3310	26	QT	7
KS	RC	153	SKELLY	2	IRA	1939	S2	SE	NW	27	19	S	10	W	98.41752	38.37036	1758	3195	3215	20	RED QT	7
KS	RC	154	SKELLY	4	IRA	1948	NE	SE	NW	27	19	S	10	W	98.41638	38.37218	1756	3210	3212	2	GRAY QT	7
KS	RC	155	SKELLY	5	IRA	1959	NE	SW	NW	27	19	S	10	W	98.421	38.3722	1760	3264	3269	5	QT	7
KS	RC	156	SHARON	1	DITTMERS	1941	E2	NE	SW	28	19	S	10	W	98.43483	38.36762	1767	3237	3239	2	QT	7
KS	RC	157	STANOLIND	6	MANKE	1939	N2	NW	SE	28	19	S	10	W	98.43137	38.36854	1768	3207	3235	28	QT	7
KS	RC	158	SKELLY	1	SMITH	1945	S2	SE	NE	28	19	S	10	W	98.42676	38.37038	1758	3239	3250	11	QT	7
KS	RC	159	SPENCER	1	SMITH	1964	S2	S2	NE	28	19	S	10	W	98.42907	38.37037	1758	3240	3254	14	GR WASH	0
KS	RC	160	STANOLIND	1	ROTH	1944	NE	SW	NE	29	19	S	10	W	98.44874	38.37211	1776	3224	3227	3	QT	7
KS	RC	161	STANOLIND	4	ROTH	1951	SE	SW	NE	29	19	S	10	W	98.44873	38.37029	1786	3196	3207	11	GR WASH/QT	1
KS	RC	162	GULF	1	STECKEL	1937	W2	SE	SW	30	19	S	10	W	98.47421	38.3638	1772	3826	3842	16	MI-SC	8
KS	RC	163	DAVIS	11	DUESER	1949	W2	E2	SW	31	19	S	10	W	98.47406	38.35108	1783	3804	3810	6	GR	1
KS	RC	164	STANOLIND	3	MITCHELL	1937	SW	NW	SW	32	19	S	10	W	98.46024	38.35208	1790	3770	3890	120	BASALT	5
KS	RC	165	BRADLEY REPU	3	WENDELL	1936	SW	SE	NE	32	19	S	10	W	98.44633	38.35575	1791	3758	3807	49	TALC-SC	8
KS	RC	166	GULF	8	WENDELL	1942	SE	SW	SE	32	19	S	10	W	98.44862	38.34846	1801	3818	3842	24	MI-SC	8
KS	RC	167	STANOLIND	3	PANNING	1943	NW	SE	NW	33	19	S	10	W	98.43709	38.35759	1779	3790	3820	30	GR WASH	0
KS	RC	168	HARTMAN BLAIR	3	SCHARTZ	1937	SW	NW	SE	33	19	S	10	W	98.43247	38.35213	1782	3800	3920	120	BASALT	5
KS	RC	169	CONTINENTAL	3	GUM	1943	NW	NW	SE	34	19	S	10	W	98.41401	38.35395	1766	3872	4148	276	BASALT	5
KS	RC	170	TEXAS	3	KLEILE	1938	NW	NW	SW	34	19	S	10	W	98.42325	38.35396	1775	3870	3920	50	RHYOLITE	2
KS	RC	171	PHILLIPS	1	MINER	1939	E2	NW	SE	35	19	S	10	W	98.39323	38.35304	1743	3840	4135	295	BASIC IG	5
KS	RC	172	HARTMAN	5E	LINKE	1950	SW	NE	SE	36	19	S	10	W	98.37247	38.35218	1731	3870	3900	30	BASIC IG	5
KS	RC	173	SAMSON RES	1	HEINZ	1988	SW	SE	SE	28	19	S	10	W	98.42808	38.44997	1747	3154	3159	5		
KS	RC	174	BAY	3	KEESLING	1945	S2	NE	SW	3	20	S	9	W	98.30527	38.33775	1686	3680	3744	64	GR WASH	0
KS	RC	175	CONTINENTAL	3	PETERSON	1939	SE	SW	SE	10	20	S	9	W	98.29959	38.3196	1691	3965	4032	67	GR WASH	0
KS	RC	176	MID CONTINENT	9	HARTLE	1938	NE	SW	NW	15	20	S	9	W	98.30873	38.31416	1709	3810	3905	95	QT	7
KS	RC	177	GULF	1	MORSE	1936	NW	NW	SE	15	20	S	9	W	98.30181	38.31056	1696	3915	4103	188	ARKOSE/QT	9
KS	RC	178	THUNDERBIRD	20	TOBIAS	1966	C	W2	S2	25	20	S	9	W	98.2706	38.28246	1681	3847	3849	2	QT	7
KS	RC	179	MID CONTINENT	2	WOOD	1944	NW	NE	NE	4	20	S	10	W	98.42785	38.34667	1792	3920	3968	48	SC	8
KS	RC	180	TATLOCK	9	DREWS	1938	SE	NE	SW	5	20	S	10	W	98.45309	38.33752	1808	3906	3918	12	BASALT	5
KS	RC	181	TATLOCK	8	BERSCHUIT	1936	NE	SW	NW	6	20	S	10	W	98.47624	38.34288	1772	3803	3821	18	GR WASH	0
KS	RC	182	TATLOCK	14	BERSCHUIT	1942	SW	SW	NW	6	20	S	10	W	98.47851	38.34105	1772	3794	3819	25	GR	1
KS	RC	183	TATLOCK	4A	BERSCHUIT	1949	NE	SW	SW	6	20	S	10	W	98.4761	38.33561	1782	3796	3806	10	SC	8
KS	RC	184	NCRA	3	BERSCHUIT	1950	SE	SE	SW	18	20	S	10	W	98.47122	38.30489	1743	3879	3880	1	GR	1
KS	RC	185	VICKERS	4A	ROSE	1945	S2	NE	SW	20	20	S	10	W	98.45427	38.29398	1740	3917	3918	1	GR	1
KS	RC	186	SINCLAR PRAIR	4	THOMPSON	1939	NW	SE	NW	21	20	S	10	W	98.43692	38.29926	1795	3940	3974	34	BASALT	5
KS	RC	187	TEXAS	5	WEST	1938	SE	NW	NW	21	20	S	10	W	98.4392	38.30107	1794	3958	3960	2	RHYOLITE	2
KS	RC	188	DAVIS & REED	1	SITTNER	1975	SE	SW	SW	28	18	S	10	W	98.43954	38.45002	1737	3168	3196	28	QT	7
KS	RC	190	BROUGHER OIL	8	CODY	1982	SE	SW	NE	8	18	S	10	W	98.44877	38.5008	1752	3470	3525	55	GR WASH	0
KS	RC	191	DAVIS & ADOBE	1	HABIGER	1980	C	S2	SW	22	18	S	10	W	98.41997	38.46537	1755	3304	3308	4	QT	7
KS	RC	192	FRONTIER	1	GODFREY	1980	W2	NW	SW	26	18	S	10	W	98.40506	38.45452	1750	3200	3250	50	QT	7
KS	RC	193	FRONTIER OIL	3	GODFREY	1981	NW	SE	SW	26	18	S	10	W	98.40049	38.45184	1748	3179	3215	36	QT	7
KS	RC	194	FRONTIER OIL	4	GODFREY	1981	SE	SE	SW	26	18	S	10	W	98.39821	38.45005	1754	3228	3271	43	QT	7
KS	RC	195	FRONTIER OIL	1	ORTH	1981	W2	NW	NE	27	18	S	10	W	98.41422	38.46174	1756	3143	3180	37	QT	7
KS	RC	196	DEAN ALLISON	1	SCHULTZ	1981	NW	NW	NE	28	18	S	10	W	98.43262	38.46266	1751	3297	3305	8	QT	7
KS	RC	197	NO. NAT. GAS	1	MADSEN	1974	C	NE	SE	35	19	S	8	W	98.16693	38.35314	1726	4070	4106	36	GR	1
KS	RC	198	FELL & WOLFE	11	GROVE	1980	NW	NE	NW	29	19	S	9	W	98.34353	38.37581	1724	3777	3812	35	GR WASH	0
KS	RC	199	DON FOX	3	ENGELHARDT	1983	SW	NW	SE	28	19	S	10	W	98.43251	38.36671	1760	3193	3235	42	QT	7
KS	RC	200	FELL & WOLFE	2	DEUSER	1981	SE	SE	NW	29	19	S	10	W	98.45338	38.37027	1786	3270	3350	80	QT	7
KS	RC	201	CITIES SERVIC	3	PROFFIT	1937	SW	NW	SE	6	20	S	9	W	98.35786	38.33767	1733	3859	3901	42	RHYOLITE	2
KS	RC	202	MOSELEY PET	5	HABIGER	1986	SW	NW	NE	5	18	S	10	W	98.45119	38.5191	1776	3403	4010	607		
KS	RC	203	BOXBERGER CA	4	SCHULTZ	1985	SE	NW	SE	21	18	S	10	W	98.43031	38.46811	1750	3479	3495	16	QT	7
KS	RC	204	SOUTHERN STA	6	GODFREY	1984	SE	SW	SW	26	18	S	10	W	98.4028	38.45001	1743	3290	3309	19		
KS	RC	205	MELTZER OIL	8	HABIGER	1983	E2	NW	NW	27	18	S	10	W	98.42113	38.46174	1751	3174	3393	219		
KS	RC	206	HUTCHISON OIL	1	ORTH	1985	SE	SW	NE	27	18	S	10	W	98.41194	38.45722	1747	3295	3299	4	WEA GR	1
KS	RC	207	ENERGY RESER	10	ROTH I/H	1984	SE	NW	NE	29	19	S	10	W	98.44875	38.37392	1779	3229	3280	60		

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KS	RH	68	FRONTIER	1A	BRACK	1964	SE	NE	NE	34	17	S	16	W	99.07068	38.53408	2006	3527	REAS	BLKC	3670	143	GR	WASH	0						
KS	RH	69	FRONTIER		2	BRACK	1966	C	NE	NW	34	17	S	16	W	99.08113	38.53509	2008	3518	-1510	LKC	3530	12	GR	WASH	0					
KS	RH	70	FRONTIER	3A	BRACK	1970	N2	N2	NE	34	17	S	16	W	99.07419	38.53591	1993	3505	-1512	MAR	3525	20	GR	WASH	0						
KS	RH	71	BRADLEY		1	SCHLEGEL	1940	E2	SE	NE	34	17	S	16	W	99.07063	38.53139	2005	3505	-1500	PEN	3661	156	RED	GR	*	1	CUTTINGS	RH-71	FAIR	MD
KS	RH	72	LEBSACK		1	JUNO	1955	NE	NW	NW	35	17	S	16	W	99.06607	38.53585	2022	3665	-1643	REA	3667	2	GR	WASH	0					
KS	RH	73	FRONTIER		2	MCGILL	1962	C	SW		3	17	S	17	W	99.19391	38.59937	2077	3600	-1523	LKC	3633	33	GR	WASH	0					
KS	RH	74	FRONTIER		4	MCGILL	1967	C	SW	SE	3	17	S	17	W	99.18691	38.5975	2075	3608	-1533	LKC	3631	23	GR	WASH	0					
KS	RH	75	B AND R		1	BRACK	1945	SE	SE	NW	4	17	S	17	W	99.209	38.60403	2060	3588	-1528	LKC	3594	6	GR		1					
KS	RH	76	FRONTIER		3	BRACK TWIN	1969	SE	SE	NW	4	17	S	17	W	99.209	38.60403	2062	3588	-1526	PEN	3618	30	GR	WASH	0					
KS	RH	77	FRONTIER		4	BRACK	1970	N2	NE	NW	4	17	S	17	W	99.21017	38.60949	2039	3580	-1541	MAR	3605	25	GR	WASH	0					
KS	RH	78	FRONTIER		1	FRYE	1962	C	NE		4	17	S	17	W	99.2032	38.60672	2057	3588	-1531	LKC	3619	31	GR	WASH	0					
KS	RH	79	FRONTIER		1	SCHUEERM	1966	C	SE		4	17	S	17	W	99.2032	38.59945	2085	3610	-1525	LKC	3638	28	GR	WASH	0					
KS	RH	80	FRONTIER		1	BRACK	1963	C	NE		5	17	S	17	W	99.22177	38.60684	2048	3580	-1532	PEN	3617	37	GR		*	1	CUTTINGS	RH-80	FAIR	SM
KS	RH	81	PALMER		1	LIPPERT	1953	SW	SW	NW	5	17	S	17	W	99.2345	38.6042	2091	3645	-1554	LKC	3666	21	GR	WASH/GR	1					
KS	RH	82	FRONTIER	1A	APPL	1971	C	SE	SE		9	17	S	17	W	99.2008	38.58305	2080	3580	-1500	LKC	3605	25	GR	WASH	0					
KS	RH	83	FRONTIER		1	GERBOTH	1970	C	NE	NW	9	17	S	17	W	99.21013	38.59405	2066	3584	-1518	MAR	3620	36	GR	WASH	0					
KS	RH	84	FRONTIER		1	GROUT	1964	C	SW		9	17	S	17	W	99.21236	38.58495	2084	3590	-1506	PEN	3610	20	GR	WASH	0		CUTTINGS		GOOD	SM
KS	RH	85	FRONTIER		1	GRUMBEN	1971	C	NE	NE	9	17	S	17	W	99.20087	38.59398	2075	3582	-1507	MAR	3590	8	GR	WASH	0					
KS	RH	86	NORTHERN NATIA		1	GRUMBEN	1962	SW	SE	NE	9	17	S	17	W	99.202	38.58943	2080	3592	-1512	LKC	3620	28	GR	WASH/GR	*	1	CUTTINGS	RH-86	FAIR	SM
KS	RH	87	FRONTIER		1	APPL	1962	NW	SE	NW	10	17	S	17	W	99.19271	38.59118	2066	3565	-1499	LKC	3573	8	GR	WASH	0					
KS	RH	88	FRONTIER		1	HONDERICK	1972	SW	SE	NE	10	17	S	17	W	99.18337	38.58929	2065	3578	-1513	LKC	3600	22	GR	WASH	0					
KS	RH	89	NORTHERN NAT		1	HONDERICK	1962	NW	SE	NE	10	17	S	17	W	99.18339	38.59111	2067	3582	-1515	LKC	3609	27	GR	WASH/GR	*	1	CUTTINGS	RH-89	FAIR	SM
KS	RH	90	FRONTIER		1	RAU	1962	NW	SE	SE	10	17	S	17	W	99.18333	38.58385	2059	3567	-1508	LKC	3600	33	GR	WASH	0					
KS	RH	91	FRONTIER	1A	STEITZ	1972	S2	SW	SW	11	17	S	17	W	99.17751	38.582	2060	3531	-1471	LKC	3545	14	GR	WASH	0						
KS	RH	92	FRONTIER		1	SCHNEIDER	1961	NE	SW	SW	13	17	S	17	W	99.15762	38.56923	2069	3554	-1485	PEN	3580	26	GR	WASH	0					
KS	RH	93	PETROLEUM	1K	SCHNEIDER	1962	NE	SW	SE	13	17	S	17	W	99.14828	38.56915	2044	3529	-1485	PEN	3590	61	GR	WASH/GR	1		CUTTINGS		FAIR	SM	
KS	RH	94	FRONTIER	1A	ERNIE	1962	NW	NE	NE	14	17	S	17	W	99.16469	38.58015	2053	3557	-1504	LKC	3575	18	GR		1						
KS	RH	95	IMPERIAL		1	ERNIE	1953	SW	NW	NE	14	17	S	17	W	99.16933	38.57835	2048	3547	-1499	PEN	3617	70	GR	WASH/GR	1					
KS	RH	96	MORRISON		1	THIELENHASI	1953	SW	NW	SE	14	17	S	17	W	99.16927	38.57108	2043	3521	-1478	PEN	3617	96	GR	WASH/GR	1					
KS	RH	97	FRONTIER		1	BIEBER	1961	SW	NE	NW	15	17	S	17	W	99.19261	38.57845	2081	3567	-1486	PEN	3603	36	GR	WASH	0					
KS	RH	98	MORRISON		1	BIEBER	1954	NW	SE	NE	15	17	S	17	W	99.18327	38.57657	2046	3540	-1494	LKC	3580	40	GR	WASH/GR	1		CUTTINGS		FAIR	SM
KS	RH	99	LARIO		1	SCHWINDT	1942	N2	NE	SE	15	17	S	17	W	99.1914	38.57299	2079	3570	-1491	REA	3579	9	GR		1					
KS	RH	100	FRONTIER	1B	FOOS	1971	SE	SE	SE	16	17	S	17	W	99.19953	38.57123	2085	3596	-1511	LKC	3600	4	GR	WASH	0						
KS	RH	101	FRONTIER	1A	KLEWENO	1963	C	SW	NE	16	17	S	17	W	99.20535	38.57581	2089	3576	-1487	PEN	3599	23	GR		*	1	CUTTINGS	RH-101	GOOD	SM	
KS	RH	102	NADEL&GUSM		1	LOHREY	1968	C	NW	SW	18	17	S	17	W	99.25166	38.57269	2091	3649	-1558	LAN	3682	33	GR	WASH	0					
KS	RH	103	BARNSDALL		1	BRACK	1929	SE	SE	SE	21	17	S	17	W	99.19936	38.5531	2073	3598	-1525	PEN	3602	4	GR		1					
KS	RH	104	FRONTIER	1A	LEBSACK	1965	SW	NE	NE	21	17	S	17	W	99.20178	38.56398	2083	3623	-1540	LKC	3637	14	GR	WASH	0						
KS	RH	105	FRONTIER	1A	FOOS	1962	SW	NE	NE	22	17	S	17	W	99.18314	38.56385	2070	3575	-1505	LKC	3608	33	GR	WASH/GR	1						
KS	RH	106	MORRISON		1	FOOS	1954	SW	NE	NE	22	17	S	17	W	99.18314	38.56385	2070	3575	-1505	LKC	3608	33	GR	WASH/GR	*	1		RH-106	PC-238	
KS	RH	107	FRONTIER		1	REICHEL	1961	NE	SW	SE	22	17	S	17	W	99.18539	38.55482	2060	3570	-1510	PEN	3586	16	GR	WASH	0					
KS	RH	108	DANCIGER		1	SCHWINDT	1929	SW	SW	SW	22	17	S	17	W	99.19704	38.55309	2074	3580	-1506	PEN	3850	270	GR	WASH	0					
KS	RH	109	MORRISON		1	KLEWENO	1960	SW	NW	SE	23	17	S	17	W	99.16914	38.55654	2018	3500	-1482	LKC	3507	7	GR	WASH/GR	1					
KS	RH	110	MORRISON		1	REICHEL	1953	SW	NW	NE	23	17	S	17	W	99.1692	38.56382	2026	3465	-1439	LKC	3476	11	GR		1					
KS	RH	111	FRONTIER		1	HANHARDT	1961	NE	SW	SE	24	17	S	17	W	99.14823	38.5546	2042	3530	-1488	PEN	3551	21	GR	WASH	0					
KS	RH	112	LARIO		1	GILLIG	1935	NE	SE	NW	24	17	S	17	W	99.15292	38.56192	2050	3518	-1468	LKC	3558	40	GR		1					
KS	RH	113	MORRISON		1	GILLIG	1953	SW	SE	NW	24	17	S	17	W	99.15524	38.56012	2060	3531	-1471	LKC	3554	23	GR	WASH	0					
KS	RH	114	FRONTIER		1	FOOS	1962	NE	SW	SE	25	17	S	17	W	99.14821	38.54009	2007	3500	-1493	LKC	3531	31	GR	WASH	0					
KS	RH	115	FRONTIER		1	KLEWENO	1961	NE	SW	NW	25	17	S	17	W	99.15751	38.54738	2056	3557	-1501	PEN	3616	59	GR	WASH	0					
KS	RH	116	FRONTIER		1	ERBES	1962	NE	SW	SE	26	17	S	17	W	99.16673	38.54015	2041	3559	-1518	LKC	3578	19	GR	WASH	0					
KS	RH	117	DANCIGER		1	NEVE	1930	NW	NW	NW	26	17	S	17	W	99.17838	38.55115	2056	3562	-1506	PEN	3607	45	SC		*	8		RH-117	PC-112A	
KS	RH	118	FRONTIER		1	THALHEIM	1961	NE	SW	NW	26	17	S	17	W	99.17604	38.54749	2050	3558	-1508	PEN	3570	12	GR	WASH	0					
KS	RH	119	FRONTIER		1	NEUHAUSER	1962	W2	W2	NE	27	17	S	17	W	99.18768	38.54848	2031	3545	-1514	LKC	3560	15	GR	WASH	0					
KS	RH	120	WILCOX		1	SCHWARTZ	1929	NE	NW	SW	27	17	S	17	W	99.19464	38.544	2059	3700	-1641	LKC	3730	30	GR		1					
KS	RH	121	2WIN		1	APPL	1935	SW	SW	NE	29	17	S	17	W	99.22476	38.54599	2034	3625	-1591	PEN	3660	35	GR		1					
KS	RH	122	HONAKER DAVIS		1	NIES	1958	NW	NW	SW	31	17	S	17	W	99.25234	38.52979	2056	3708	-1652	PEN	3737	29	GR	WASH/GR	1					
KS	RH	123	IMPERIAL		1	BIEBER	1958	NW	NW	NE	32	17	S	17	W	99.2247	38.53691	2019	3585	-1566	PEN	3615	30	QT		*	7		RH-123	PC-292	
KS	RH	124																													

KS	RH	137	SOLAR	1	SCHAFFER	1965	SE	NW	SE	10	17	S	18	W	99.29698	38.58669	2132	3784	1587	PEN	3756	24	GR WASH/GR	1						
KS	RH	138	KAISER FRANCI	1	RANSOM	1960	SE	SE	NE	14	17	S	18	W	99.2738	38.57557	2094	3681	-1587	PEN	3726	45	GR WASH/GR	1						
KS	RH	139	ADDIS	1	HUBER	1972	SW	SW	NE	18	17	S	18	W	99.35447	38.57642	2131	3871	-1740	LKC	3880	9	GR	1		CUTTINGS	FAIR	SM		
KS	RH	140	HONAKER	1	BECKER	1956	NW	NW	SW	20	17	S	18	W	99.34539	38.55996	2107	3808	-1701	REA	3813	5	GR	1						
KS	RH	141	FARMER	1	KAHLER	1972	C	NW	NW	20	17	S	18	W	99.34435	38.56634	2120	3768	-1648	MAR	3786	18	GR WASH	0						
KS	RH	142	PETROLEUM	1	KAHLER	1962	C	NE	NW	20	17	S	18	W	99.33969	38.56635	2118	3801	-1683	PEN	3822	21	GR WASH	0						
KS	RH	143	WALTERS	1	WEBER	1970	C	NE	SE	20	17	S	18	W	99.33034	38.55906	2128	3822	-1694	REA	3847	25	GR WASH	0						
KS	RH	144	BOYLE GROSSM	1	YOST	1935	C	SW	SW	23	17	S	18	W	99.2887	38.55481	2086	3702	-1616	PEN	3759	57	GN, SC	6		CUTTINGS	RH-144	PC-177C	FAIR	SM
KS	RH	145	HONAKER DAVIS	1	MULLEN	1958	SW	SW	SE	27	17	S	18	W	99.29894	38.53951	2067	3750	-1683	PEN	3777	27	GR WASH/GR	1						
KS	RH	146	SLAWSON	1A	FRESE	1968	SW	SW	NW	28	17	S	18	W	99.32674	38.5472	2101	3857	-1756	REA	3861	4	GRANITE	1						
KS	RH	147	FARMER	1	STRECKER	1961	SW	SW	SE	28	17	S	18	W	99.3174	38.53978	2079	4008	-1929	REA	4014	6	GR WASH	0		CUTTINGS			POOR	SM
KS	RH	148	PICKRELL	1	MANETH	1971	SW	SE	NW	29	17	S	18	W	99.34061	38.54723	2102	3847	-1745	PEN	3856	9	GR WASH	0						
KS	RH	149	B AND B	6C	LITTLER	1969	W2	SE	SW	5	17	S	19	W	99.45149	38.59839	2115	4082	-1967	REA	4106	24	GR	1						
KS	RH	150	LARIO PHILLIP	1	BENBOW	1935	NW	NE	NE	12	17	S	19	W	99.36812	38.59647	2094	3772	-1678	MAR	3818	46	GR WASH/GR	1		CUTTINGS			POOR	SM
KS	RH	151	AYLWARD	1	HALL	1938	C	NE	SW	1	18	S	16	W	99.04406	38.51315	1992	3508	-1516	REA	3560	52	GR	1		CUTTINGS/P	RH-152	PC-247	POOR	SM
KS	RH	152	MORGAN FLYNN	1	MOHR	1930	C	SW		2	18	S	16	W	99.06477	38.51149	1993	3504	-1511	PEN	3762	258	GR	1						
KS	RH	153	SOLAR SKELLY	1	CROTINGER	1958	NE	SW	SW	4	18	S	16	W	99.10297	38.51083	1987	3524	-1537	PEN	3538	14	WEA GR/GR	1						
KS	RH	154	MORGAN FLYNN	1	HARTMAN	1935	SW	SW	NW	4	18	S	16	W	99.10525	38.51629	1994	3526	-1532	REA	3539	13	GR WASH/GR	1						
KS	RH	155	OLSON	1	SCHMIDT	1936	C	SE		4	18	S	16	W	99.09253	38.51167	2003	3535	-1532	PEN	3546	11	BIO-GR	1						
KS	RH	156	SKELLY	1	BETZ	1958	NE	SE	SW	5	18	S	16	W	99.11683	38.51093	1991	3532	-1541	MAR	3571	39	GR	1		CORE/CUTTI	RH-156	PC-12B	GOOD	MD
KS	RH	157	SINCLAR PRAIR	1	SCHUEERM	1937	SE	SE	NE	5	18	S	16	W	99.10756	38.5163	2000	3540	-1540	REA	3550	10	GR	1						
KS	RH	158	SKELLY	1	SCHUEERM	1945	NE	NE	SW	6	18	S	16	W	99.13469	38.51466	1976	3510	-1534	MAR	3523	13	RED GR	1						
KS	RH	159	MORRISON	1	DIRKS	1962	NW	SE	SE	7	18	S	16	W	99.12824	38.49645	1950	3515	-1565	REA	3554	39	RHYOLITE	2		CUTTINGS	RH-159	PC-284	GOOD	SM
KS	RH	160	SKELLY LION	1	DIRKS	1947	NE	NE	SW	7	18	S	16	W	99.13474	38.50011	1952	3514	-1562	PEN	3521	7	RHYOLITE	2			RH-160	PC-248		
KS	RH	161	SOLAR	1	BETZ	1957	NE	NE	NW	8	18	S	16	W	99.11685	38.5073	1978	3545	-1567	PEN	3560	15	GR	1						
KS	RH	162	SOLAR	1	LUFT	1948	W2	NW	SE	8	18	S	16	W	99.11459	38.49911	1949	3488	-1539	PEN	3500	12	GR WASH/GR	1						
KS	RH	163	INTERSTATE	1	SCHMIDT	1936	C	SE		9	18	S	16	W	99.09268	38.49716	1943	3508	-1565	PEN	3559	51	RED GR	1		CUTTINGS			POOR	MD
KS	RH	164	MARTIN	1	BUTHRUS	1955	NE	NE	NW	10	18	S	16	W	99.0798	38.50706	1982	3509	-1527	REA	3531	22	MI-SC	8						
KS	RH	165	MID-KANSAS	1	MOHR	1935	C	NW		10	18	S	16	W	99.08333	38.50436	1980	3540	-1560	PEN	3581	41	WEA GR	1						
KS	RH	166	NORTHERN NAT	65	OTIS	1935	C	SW		10	18	S	16	W	99.08343	38.4971	1947	3499	-1552	PEN	3511	12	DIABASE	4		CORE	RH-166	PC-13B-D	GOOD	MD
KS	RH	167	MOORE	1	SCHROYER	1936	C	NW		12	18	S	16	W	99.0464	38.50411	1989	3549	-1560	REA	3552	3	GR	1						
KS	RH	168	AYLWARD	1	BRACK	1935	C	SW		14	18	S	16	W	99.06494	38.4825	1929	3523	-1594	REA	3554	31	GR WASH	0						
KS	RH	169	SCHERMERHORIB	1	EITEL	1936	C	SE		14	18	S	16	W	99.05573	38.48242	1930	3515	-1585	REA	3520	5	GR	1						
KS	RH	170	MARATHON	1	MOHR	1934	C	SW		15	18	S	16	W	99.0835	38.48262	1936	3540	-1604	REA	3576	36	QT,SC	7						
KS	RH	171	LEBEN	1	ATER	1970	NW	NW	SW	16	18	S	16	W	99.10544	38.48544	1940	3449	-1509	MAR	3480	31	PR CAMB	7						
KS	RH	172	FRAZIER	1	BUDE	1956	NW	SW	NE	16	18	S	16	W	99.09619	38.48903	1938	3455	-1517	PEN	3479	24	QT	7						
KS	RH	173	INTERSTATE	1	KERBS	1933	C	SE		16	18	S	16	W	99.09275	38.48267	1935	3441	-1506	REA	3554	113	QT	7		CORE PIECES			GOOD	VSM
KS	RH	174	LEBEN	1A	ATER	1970	NW	NE	SE	17	18	S	16	W	99.11005	38.48547	1942	3470	-1528	MAR	3500	30	GR WASH	0						
KS	RH	175	APPLEMAN	1	SCHNEIDER	1957	SE	SE	SW	17	18	S	16	W	99.11695	38.48007	1943	3529	-1586	MAR	3533	4	GR	1						
KS	RH	176	MORRISON	1	SCHNEIDER	1962	SE	NW	NW	17	18	S	16	W	99.12154	38.49098	1950	3530	-1580	REA	3535	5	GR WASH	0						
KS	RH	177	MORRISON	2	SCHNEIDER	1963	NE	NE	SW	17	18	S	16	W	99.11695	38.48551	1950	3505	-1555	PEN	3511	6	GR WASH	0						
KS	RH	178	BRACK	1	WEIGT	1948	SW	SW	NE	17	18	S	16	W	99.11464	38.48731	1944	3562	-1618	REA	3581	19	QT	7						
KS	RH	179	TILCO	1	WEIGT	1970	SE	SE	NE	17	18	S	16	W	99.10773	38.48727	1942	3410	-1468	MAR	3422	12	QT	7						
KS	RH	180	LEBEN	2	WEIGT	1970	S2	NE	NE	17	18	S	16	W	99.10889	38.49091	1943	3462	-1519	MAR	3492	30	GR WASH	0						
KS	RH	181	MORRISON	1	WEIGT	1963	NE	SW	NE	17	18	S	16	W	99.11234	38.48911	1944	3457	-1513	PEN	3489	32	GR/QT	1		CORE PIECE	RH-181	PC-281	GOOD	SM
KS	RH	182	IMPERIAL	1	HUENERGA	1954	SE	SE	SE	18	18	S	16	W	99.1261	38.48013	1948	3540	-1592	REA	3552	12	GR WASH/GR	1						
KS	RH	183	MORRISON	2	HUENERGA	1962	SE	NE	SE	18	18	S	16	W	99.1261	38.48375	1949	3546	-1597	REA	3585	39	QT	7		CUTTINGS	RH-183	PC-282	FAIR	SM
KS	RH	184	MORRISON	1	PECHANEC	1962	SE	SW	NE	18	18	S	16	W	99.13044	38.48739	1951	3566	-1615	REA	3606	40	SC	8		CORE	RH-184	PC-139	GOOD	MD
KS	RH	185	MORRISON	2	PECHANEC	1963	SE	NE	NW	18	18	S	16	W	99.13478	38.49103	1952	3522	-1570	PEN	3529	7	GR	1						
KS	RH	186	PHILLIPS	1	PECHANEC	1943	C	SE	SW	18	18	S	16	W	99.1359	38.48106	1951	3596	-1645	REA	3602	6	GR	1						
KS	RH	187	SOLAR	1	PECHANEC	1957	SE	SW	SE	18	18	S	16	W	99.13045	38.48014	1948	3580	-1632	REA	3597	17	RHYOLITE	2		CORE	RH-187	PC-15A,B	GOOD	MD
KS	RH	188	YUCCA	1	RIFFEL	1967	SE	SW	SE	19	18	S	16	W	99.13039	38.46555	2064	3684	-1620	MAR	3748	64	GR WASH	0		CUTTINGS			POOR	SM
KS	RH	189	WENTZ	1	RODIE	1947	SW	SW	SW	19	18	S	16	W	99.14133	38.46553	1996	3663	-1667	REA	3670	7	GR WASH/GR	1			RH-189	PC-249		
KS	RH	190	SKELLY	2	HUENERGA	1957	NW	SE	NW	20	18	S	16	W	99.11922	38.47463	1979	3597	-1618	REA	3607	10	CH-SC	8						
KS	RH	191	HINES	1	ROTH	1956	SW	SW	NE	20	18	S	16	W	99.11462	38.47278	1968	3593	-1625	REA	3605	12	OZ PORPHY	2						
KS	RH	192	HINES	2	ROTH	1956	SE	SE	NE	20	18	S	16	W	99.10771	38.47274	1970	3560	-1590	REA	3572	12	QT	7						
KS	RH	193	HINES	3	ROTH	1957	SE	SW	NE	20	18	S	16	W	99.11232	38.47277	1983	3615	-1632	REA	3616	1	OZ PORPHY	2						
KS	RH	194	HINES	4	ROTH	1957	NW	SW	NE	20	18																			

KS	RH	206	SKELLY	5	MILLER	1956	SE	NE	SW	21	18	S	16	W	99.09846	38.46907	1992	3658	REAR	3645	10	WEA	SC	8	
KS	RH	207	SKELLY	6	MILLER	1956	NW	NW	SW	21	18	S	16	W	99.10541	38.47091	1969	3621	-1652	REA	3637	16	RED	SC	8
KS	RH	208	SOLAR	1	MILLER	1955	SW	SW	NE	21	18	S	16	W	99.09619	38.4727	1950	3549	-1599	REA	3571	22	QZ	PORPHY	2
KS	RH	209	SOLAR	1	MONSON	1955	NW	NW	SE	21	18	S	16	W	99.09618	38.47088	1973	3590	-1617	REA	3597	7	QZ	PORPHY	2
KS	RH	210	SOLAR	2	MONSON	1956	SE	NW	SE	21	18	S	16	W	99.09386	38.46906	1973	3605	-1632	REA	3613	8	QZ	PORPHY	2
KS	RH	211	SOLAR	3	MONSON	1956	SW	NE	SE	21	18	S	16	W	99.09155	38.46905	1960	3561	-1601	REA	3577	16	QZ	PORPHY	2
KS	RH	212	SOLAR	4	MONSON	1956	SW	NW	SE	21	18	S	16	W	99.09616	38.46906	1992	3634	-1642	REA	3636	2	QZ	PORPHY	2
KS	RH	213	SOLAR	5	MONSON	1957	NE	SE	SE	21	18	S	16	W	99.08923	38.46722	1956	3574	-1618	REA	3579	5	QZ	PORPHY	2
KS	RH	214	SOLAR	6	MONSON	1957	NW	SE	SE	21	18	S	16	W	99.09154	38.46723	1966	3606	-1640	REA	3651	45	QZ	PORPHY	2
KS	RH	215	SOLAR	7	MONSON	1957	NE	SW	SE	21	18	S	16	W	99.09384	38.46724	1979	3618	-1639	REA	3630	12	QZ	PORPHY	2
KS	RH	216	SOLAR	8	MONSON	1957	SE	SE	SE	21	18	S	16	W	99.08922	38.4654	1959	3611	-1652	REA	3616	5	QZ	PORPHY	2
KS	RH	217	SOLAR	9	MONSON	1958	NE	NW	SE	21	18	S	16	W	99.09387	38.47087	1962	3552	-1590	REA	3585	33	QZ	PORPHY	2
KS	RH	218	CARTER	1	PROSCH	1937		E2		21	18	S	16	W	99.09272	38.47178	1957	3572	-1615	REA	3614	42	QZ	PORPHY	2
KS	RH	219	KNIGHT	3	REINHARDT	1955	SW	SE	SW	21	18	S	16	W	99.10075	38.46544	2029	3694	-1665	REA	3710	16	GR	WASH	0
KS	RH	220	NADEL GUSSMA	1	REINHARDT	1947	NE	SE	SW	21	18	S	16	W	99.09845	38.46725	2027	3636	-1609	REA	3638	2	GR		1
KS	RH	221	SOLAR	1	ATER	1956	W2	NW	SW	22	18	S	16	W	99.08693	38.46993	1956	3516	-1560	REA	3550	34	QT		7
KS	RH	222	SOLAR	1	KOOCHER	1953	SW	NW	NE	22	18	S	16	W	99.07767	38.47623	1932	3510	-1578	PEN	3515	5	GR	WASH	0
KS	RH	223	CHIEF	4	SCHNEIDER	1957	SE	SW	SW	22	18	S	16	W	99.08459	38.46536	1986	3625	-1639	REA	3650	25	GR	WASH	0
KS	RH	224	CHIEF	5	SCHNEIDER	1957	NE	SW	SW	22	18	S	16	W	99.0846	38.46718	1987	3575	-1588	REA	3587	12	SC		8
KS	RH	225	WELCH OLSSON	1	SCHNEIDER	1956	SW	SE	SW	22	18	S	16	W	99.08228	38.46534	1969	3570	-1601	REA	3575	5	GR	WASH	0
KS	RH	226	WELCH OLSSON	2	SCHNEIDER	1956	NW	SW	SW	22	18	S	16	W	99.08692	38.46721	1969	3588	-1619	REA	3590	2	GR		1
KS	RH	227	WELCH OLSSON	3	SCHNEIDER	1956	SW	SW	SW	22	18	S	16	W	99.08691	38.46539	1969	3598	-1629	REA	3630	32	GR	WASH	0
KS	RH	228	MORGAN FLYNN	1	SHAFFER	1936	NE	NE	SE	22	18	S	16	W	99.07069	38.47069	1930	3523	-1593	PEN	3595	72	QT,MI-SC		7
KS	RH	229	SHELL	1	SHAFFER	1936		C	NW	22	18	S	16	W	99.08348	38.47536	1933	3435	-1502	PEN	3577	142	QT		7
KS	RH	230	LEBEN	1	TAMMEN	1971	SW	SW	NW	22	18	S	16	W	99.08695	38.47266	1941	3455	-1514	MAR	3480	25	GR	WASH	0
KS	RH	231	DUNN MAY	1	CROWELL	1935		C	NE	23	18	S	16	W	99.05569	38.47516	1929	3536	-1607	REA	3552	16	GR	WASH	0
KS	RH	232	FLYNN	4	CROWELL	1944	S2	SE	NE	23	18	S	16	W	99.05337	38.47241	1931	3549	-1618	REA	3554	5	RED	QT	7
KS	RH	233	BRUNSON SPIN 6A		KORIEL	1960	E2	NW	NW	23	18	S	16	W	99.06607	38.47705	1930	3543	-1613	REA	3570	27	DIABASE		4
KS	RH	234	BRUNSON SPIN 5B		KORIEL	1960	S2	N2	SW	23	18	S	16	W	99.06491	38.46883	1930	3537	-1607	REA	3570	33	METAMOR		8
KS	RH	235	MORGAN FLYNN 2A		KORIEL	1937	SW	SW	NW	23	18	S	16	W	99.06837	38.4725	1930	3553	-1623	REA	3558	5	RED	SC	8
KS	RH	236	BRUNSON SPIN	6	SCHROEDE	1960	C	N2	SE	23	18	S	16	W	99.05566	38.4697	1930	3570	-1640	REA	3578	8	METAMOR		8
KS	RH	237	CARTER	2	WOODWARD	1937	SW	SW	SE	23	18	S	16	W	99.0591	38.46516	1929	3537	-1608	MAR	3560	23	RED	SC	8
KS	RH	238	OHIO	2	BRACK	1937	SW	SW	SW	24	18	S	16	W	99.04984	38.46512	1928	3534	-1606	REA	3550	16	QT		7
KS	RH	239	OHIO	3	BRACK	1943	C	NW	SW	24	18	S	16	W	99.04872	38.46965	1924	3536	-1612	REA	3547	11	SC		8
KS	RH	240	BRACH	1	RUBART	1950	SW	SW	SE	24	18	S	16	W	99.04058	38.46507	1921	3546	-1625	REA	3550	4	GR	WASH	0
KS	RH	241	CARTER	1	RUBART	1937	SE	SE	SE	24	18	S	16	W	99.03364	38.46502	1920	3541	-1621	REA	3543	2	GR		1
KS	RH	242	OHIO	1	DIRKS	1937	NE	NE	NE	25	18	S	16	W	99.03363	38.4632	1919	3552	-1633	REA	3566	14	GR	WASH	0
KS	RH	243	MORGAN FLYNN	1	GEISICK	1935	NW	NW	SE	25	18	S	16	W	99.04053	38.45596	1928	3537	-1609	PEN	3582	45	QT		7
KS	RH	244	SCHERMERHOR	1	HERGERT	1942	C	SE	SW	25	18	S	16	W	99.04396	38.45143	1947	3590	-1643	REA	3597	7	QT		7
KS	RH	245	B AND R	1	BRADLEY	1944	N2	SE	NW	26	18	S	16	W	99.06253	38.45972	1963	3570	-1607	REA	3575	5	SC		8
KS	RH	246	STICKLE	1	HERGERT	1958	N2	N2	SE	26	18	S	16	W	99.05553	38.45606	1940	3552	-1612	REA	3564	12	GR		1
KS	RH	247	B AND R	1	SCHROEDE	1944	S2	SW	NE	26	18	S	16	W	99.05787	38.45789	1942	3530	-1588	REA	3531	1	GR		1
KS	RH	248	CIRCLE	1	SCHROEDE	1942	S2	NW	NE	26	18	S	16	W	99.05791	38.46152	1946	3481	-1535	PEN	3507	26	QT		7
KS	RH	249	MOSS	1	RODIE	1937	NE	NE	NE	27	18	S	16	W	99.07069	38.46339	1971	3577	-1606	REA	3599	22	GR	WASH	0
KS	RH	250	SKELLY	1	RODIE	1957	SE	SE	NW	27	18	S	16	W	99.07985	38.45805	1991	3670	-1679	REA	3680	10	WEA	GR	1
KS	RH	251	KNIGHT	2	BRADY	1955	SW	NW	NE	28	18	S	16	W	99.09608	38.4618	1986	3664	-1678	REA	3665	1	GR	WASH	0
KS	RH	252	BRACK PHILLIP	1	WAGNER	1948	SE	SE	SW	28	18	S	16	W	99.09814	38.45089	2044	3675	-1631	REA	3681	6	PK	GR	1
KS	RH	253	KNIGHT LUFT 2B		WAGNER	1955	NE	NW	NW	28	18	S	16	W	99.10303	38.46363	2012	3679	-1667	REA	3686	7	GR	WASH	0
KS	RH	254	SOLAR	1	WAGNER	1958	SW	NW	SW	28	18	S	16	W	99.10512	38.45454	2065	3690	-1625	REA	3693	3	GR	WASH	0
KS	RH	255	OSAGE	1	LOHREY	1957	NE	NE	SE	29	18	S	16	W	99.10747	38.45638	2049	3667	-1618	REA	3683	16	GR		1
KS	RH	256	OSAGE	2	LOHREY	1957	SW	NE	SE	29	18	S	16	W	99.10973	38.45457	2067	3696	-1629	REA	3718	22	GR	WASH	0
KS	RH	257	AUTO ORDNANC	1	LUFT	1942	SE	NW	NW	29	18	S	16	W	99.12141	38.46191	2021	3629	-1608	PEN	3632	3	GR	WASH	0
KS	RH	258	SOLAR	1	LUFT	1957	SW	SW	NW	29	18	S	16	W	99.12367	38.45828	2082	3722	-1640	PEN	3726	4	GR		1
KS	RH	259	SCHERMERHOR	1	SCHROEDE	1935	NE	NE	NE	36	18	S	16	W	99.0336	38.4486	1991	3626	-1635	REA	3635	9	QT		7
KS	RH	260	AYLWARD	1	ROBISON	1959	C	NW	NW	2	18	S	17	W	99.17704	38.52113	2009	3579	-1570	PEN	3588	9	SC		8
KS	RH	261	PAN AMERICAN	1	ROBISON UN	1957	SE	NE	NW	2	18	S	17	W	99.17126	38.5202	1992	3531	-1539	PEN	3536	5	GR	WASH/GR	1
KS	RH	262	AYLWARD	1	REINHARDT	1957	NE	NE	SW	3	18	S	17	W	99.18976	38.51477	2008	3570	-1562	PEN	3606	36	GR	WASH/GR	1
KS	RH	263	AYLWARD	2	REINHARDT	1959	NE	SE	SW	3	18	S	17	W	99.18974	38.5111	2001	3606	-1605	PEN	3609	3	GR	WASH	0
KS	RH	264	AYLWARD	1	TIMKEN	1957	NW	SE	NE	3	18	S	17	W	99.18283	38.51841	2001	3618	-1617	PEN	3663	45	SC		8
KS	RH	265	FARMER	1	SUESER	1961	NW	NW	NW	5	18	S	17	W	99.23376	38.52236	2027	3691	-1664	REA	3711	20	GR	WASH	0
KS	RH	266	IMPERIAL	1	SEUSER	1957	SE	SE	NE	5	18	S	17	W	99.21759	38.51678	1997	3631	-1634	MAR	3683	52	METASEDS		9
KS	RH	267	SINCLAIR	1	SEUSER	1929	SE	NW	NW	8	18	S	17	W	99.23134	38.50587	2080	3780	-1700	REA	3837	57	WEA	GR	1
KS	RH	268	GLAKES CARB	1	KOTTAL	1945	NE	NE	NE	9	18	S	17												

KS	RH	275	CITIES SERVIC	1A	CROTINGER	1967	C	NW	SW	12	18	S	17	W	99.15858	38.49916	1985	3585	-1595	REA	3619	37	GR	WASH	0					
KS	RH	276	PETROLEUM INC	1	CROTINGER	1963	NE	SW	SE	12	18	S	17	W	99.14816	38.49648	1959	3554	-1595	REA	3564	10	RHYOLITE	*	2	CUTTINGS	RH-276	PC-280	POOR	SM
KS	RH	277	VICTOR	1	CROTINGER	1953	SW	SW	NE	12	18	S	17	W	99.15044	38.50193	1967	3550	-1583	REA	3558	8	RHYOLITE	*	2		RH-277	PC-278		
KS	RH	278	PETROLEUM INQB	1	TIMKEN	1968	N2	NE	NE	13	18	S	17	W	99.14471	38.49286	1951	3621	-1670	MAR	3627	6	GR	WASH	0					
KS	RH	279	PHILLIPS	1	TIMKEN	1944	SE	SE	NE	13	18	S	17	W	99.14358	38.48742	1949	3587	-1638	REA	3588	1	RHYOLITE	*	2		RH-279	PC-132		
KS	RH	280	PICKRELL	1	KRAISINGER	1966	C	NE	NE	14	18	S	17	W	99.16327	38.49189	1968	3584	-1616	REA	3587	3	GR	WASH/GR	1					
KS	RH	281	WOODMAN IANN	1	GREEN	1962	C	NE	SW	17	18	S	17	W	99.22791	38.48488	1997	4007	-2010	REA	4009	2	GR		1	CUTTINGS			POOR	SM
KS	RH	282	GYPSY	1	KRAISINGER	1935	SE	NE	SE	23	18	S	17	W	99.16214	38.46914	2026	3713	-1687	REA	3720	7	WEA	GR	1					
KS	RH	283	SKELLY	1	RODIE	1956	NW	NW	SE	25	18	S	17	W	99.15047	38.45649	2055	3759	-1704	REA	3768	9	GR	*	1		RH-283	PC-276		
KS	RH	284	GABBERT JONE	3	BEATON	1953	SW	NE	NE	21	18	S	18	W	99.31187	38.47757	2043	4099	-2056	REA	4115	16	GR		1					
KS	RH	285	STANOLIND	1A	BUDDE	1947	SE	SE	NW	2	19	S	16	W	99.06139	38.42899	2017	3661	-1644	REA	3663	2	GR		1					
KS	RH	286	WOODMAN-IANN	1	DAMM	1966	C	SE	NW	12	19	S	16	W	99.0445	38.41546	2004	3645	-1641	REA	3646	1	GR		1					
KS	RH	287	KEWANEE(BRAC	6	RANKIN	1950	NW	NW	SE	27	19	S	16	W	99.07728	38.36927	2032	4280	-2248	REA	4299	19	GR	WASH/GR	1					
KS	RH	288	GULF(STANOLIN	1	TAMMEN	1948	NW	SE	SE	35	19	S	16	W	99.05389	38.35108	1982	4249	-2267	REA	4254	5	WEA	GR	1					
KS	RH	289	FARMER	1	DAUBERT	1973		C	NE	17	17	S	17	W	99.22155	38.57774	2086	3608	-1522	LKC	3627	19	GR	WASH	0					
KS	RH	290	FARMER	1	SCHUEREM	1973	C	SW	SE	19	17	S	17	W	99.24219	38.55435	2068	3628	-1560	LKC	3644	16	GR		1					
KS	RH	291	FARMER	1	FICKEN	1973		C	NE	24	17	S	18	W	99.25858	38.56364	2074	3642	-1568	MAR	3648	6	GR	WASH	0					
KS	RH	292	FRONTIER	1	DAUBERT	1973	NW	NW	NE	5	18	S	16	W	99.11446	38.52179	2021	3538	-1517	MAR	3571	33	GR	WASH	0					
KS	RH	293	FARMER	1	BRACK	1973	C	SE	SE	1	18	S	17	W	99.14463	38.51014	1998	3567	-1569	MAR	3568	1	GR		1					
KS	RH	294	RICHARDSON	1	USHER	1965	NE	NE	SW	31	16	S	17	W	99.24613	38.61702	2040	3598	-1558	MAR	3628	30	GR		1					
KS	RH	295	RAYMOND	1	DREHER	1975	NE	SE	NE	23	16	S	19	W	99.38397	38.65084	2059	3682	-1623	REA	3687	5	GR	WASH	0					
KS	RH	296	NATIONAL OIL	1	CROTINGER	1975	E2	NW	NE	3	16	S	20	W	99.51665	38.69504	2150	3796	-1646	MAR	3810	14	GR	WASH	0					
KS	RH	297	FRONTIER	2	APPL	1975		E2	SW	10	17	S	17	W	99.19151	38.58481	2063	3552	-1489	LKC	3590	38	GR	WASH	0					
KS	RH	298	FRONTIER	1	STEITZ	1975	S2	S2	NW	14	17	S	17	W	99.17511	38.57473	2041	3512	-1471	LKC	3535	23	GR	WASH	0					
KS	RH	299	FRONTIER	1	BUTTON	1975	E2	E2	SW	15	17	S	17	W	99.1902	38.57026	2071	3562	-1491	LKC	3577	15	QT		7	CORE			GOOD	SM
KS	RH	300	FRONTIER	1A	HANHARDT	1975		C	NE	24	17	S	17	W	99.14709	38.56278	2021	3500	-1479	MAR	3540	40	GR	WASH	0					
KS	RH	301	FRONTIER	1B	HANHARDT	1975	N2	S2	NE	25	17	S	17	W	99.14706	38.54734	2016	3502	-1486	LKC	3534	32	GR	WASH	0					
KS	RH	302	FRONTIER	1A	ROTHE	1975	SE	NW	SW	30	17	S	16	W	99.13918	38.54188	2009	3499	-1490	MAR	3508	9	GR	WASH	0					
KS	RH	303	KAN. HELIUM	1	SWDW	1976	SW	SW	SW	26	17	S	16	W	99.06842	38.53766	2009	3793	-1784	REA	3843	50	GR	WASH	0					
KS	RH	304	FRONTIER	1	KOBER	1976	N2	NW	SE	31	17	S	16	W	99.13152	38.52916	2005	3524	-1519	MAR	3560	36	GR	WASH	0		CUTTINGS		FAIR	MD
KS	RH	305	FRONTIER	2A	ERNIE	1976	SW	SW	NE	14	17	S	17	W	99.1693	38.57472	2046	3530	-1484	LKC	3550	20	GR	WASH	0					
KS	RH	306	FRONTIER	1	KOBER	1976	NE	NE	NE	6	18	S	16	W	99.12599	38.52187	1995	3540	-1545	LKC	3560	20	GR	WASH	0					
KS	RH	307	THUNDERBIRD	1	BROWN	1976	NW	NE	NE	5	19	S	16	W	99.10956	38.4346	2020	3808	-1788	REA	3825	17	GR	WASH	0		CUTTINGS		FAIR	MD
KS	RH	308	FRONTIER	5	LIPPERT	1976	C	SE	SW	33	16	S	17	W	99.21018	38.61221	2038	3782	-1744	REA	3790	8	GR		1					
KS	RH	309	FRONTIER	3	JANSON	1977	SW	NW	SE	29	16	S	17	W	99.22533	38.62948	2033	3648	-1615	MAR	3660	12	QT		7					
KS	RH	310	F AND M OIL	1	SCHWINDT	1977	NW	NE	NW	36	16	S	19	W	99.37737	38.62544	2020	3690	-1670	MAR	3696	6	GR	WASH	0					
KS	RH	311	DREILING	1	PFEIFFER	1977	NW	NW	SW	1	16	S	20	W	99.49131	38.68938	2108	3710	-1602	MAR	3740	30	QT		7					
KS	RH	312	FRONTIER	1	HUENERGA	1977	SE	SE	NW	32	17	S	16	W	99.11693	38.53088	2030	3526	-1496	LKC	3542	16	GR	WASH	0					
KS	RH	313	F AND M OIL	1	MOEDER	1977	SE	NW	SW	7	17	S	18	W	99.36123	38.58736	2125	3804	-1679	MAR	3820	16	GR	WASH	0					
KS	RH	314	MUSGROVE	1	SCHROEDE	1977	SE	SW	NE	26	18	S	16	W	99.05671	38.45789	1937	3541	-1604	REA	3580	39	GR	WASH	0					
KS	RH	315	FRONTIER OIL	1	PFEIFER	1983	C	SW	SW	8	16	S	17	W	99.23323	38.67032	2002	3556	-1554	ARB	3600	44	QT		7					
KS	RH	316	FRONTIER OIL	2F	ROTH	1982	NW	SW	SE	21	16	S	17	W	99.20657	38.64204	2020	3839	-1819	ARB	3925	86	GR	WASH	0					
KS	RH	317	FRONTIER OIL	2	DOLECHEK	1983	SW	SW	SW	16	16	S	18	W	99.32662	38.65614	1991	3549	-1558	MAR	3559	10	GR	WASH	0					
KS	RH	318	FRONTIER OIL	1	DOLECHEK	1982	NE	NE	SW	16	16	S	18	W	99.31966	38.66156	1900	3686	-1786	REA	3720	34	GR		1					
KS	RH	319	B & B CHIEF	1	HERMAN	1982	E2	NW	NW	16	16	S	18	W	99.32426	38.66793	1999	3567	-1568	LKC	3593	26	GR	WASH	0					
KS	RH	320	FRONTIER OIL	1	YANCEY	1983	NW	NW	NE	35	16	S	18	W	99.28069	38.62476	2082	3640	-1558	MAR	3665	25	GR	WASH	0					
KS	RH	321	TRIPLE H	1	WERTH	1982	SW	SW	NW	3	16	S	19	W	99.41801	38.69118	2040	3626	-1586	REA	3627	1	QT		7					
KS	RH	322	F & M OIL	1	LEGLEITER	1979	C	SE	NW	6	16	S	19	W	99.46722	38.69185	2075	3718	-1643	MAR	3723	5	GR	WASH	0					
KS	RH	323	F & M OIL	1	DREHER	1978	SE	NW	NE	23	16	S	19	W	99.38855	38.6526	2057	3680	-1623	REA	3700	20	GR	WASH/GR	1					
KS	RH	324	RAM PET.	1	PFIEFFER	1980	NE	NW	SE	1	16	S	20	W	99.47971	38.68945	2094	3711	-1617	REA	3719	8	GR	WASH	0					
KS	RH	325	RAM PET.	7	WATSON	1982	C	N2	NE	1	16	S	20	W	99.47845	38.69503	2089	3703	-1614	REA	3770	67	GR		1					
KS	RH	326	WITCRAFT	1	WERTH	1981	E2	E2	SW	2	16	S	20	W	99.50291	38.68699	2126	3789	-1663	MAR	3797	8	GR	WASH	0					
KS	RH	327	RAM PET.	1	CROTINGER	1982	NW	NE	SE	3	16	S	20	W	99.51443	38.68942	2154	3850	-1696	MAR	3854	4	GR	WASH	0					
KS	RH	328	FARMER	1	BULLOCK	1972	NW	SW	NE	4	16	S	20	W	99.53752	38.69264	2191	4030	-1839	REA	4045	15	GR	WASH	0					
KS	RH	329	A & E DLG.	1	SCHMIDT	1982	NW	NW	NE	12	16	S	20	W	99.48215	38.68295	2096	3833	-1737	ARB	3865	32	QT		7					
KS	RH	330	FRONTIER	2	BRACK	1974	NE	NE	NW	29	17	S	16	W	99.11702	38.55085	2058	3558	-1500	MAR	3600	42	GR	WASH	0					
KS	RH	331	FRONTIER OIL	1	DAUBERT																									

KS	RH	344	FRONTIER	1	SCHMIDT	1974	NE	NE	SW	5	18	S	16	W	99.11682	38.51456	1991	3582	-1626	REA	3555	21	GR WASH	0					
KS	RH	345	MAC OIL	1	JULIAN	1981	SE	SW	SE	21	18	S	16	W	99.09383	38.46542	1989	3615	-1626	REA	3655	40	RHYOLITE	2					
KS	RH	346	D & S OIL	1	MILLER	1982	SW	NE	SW	21	18	S	16	W	99.10077	38.46908	2010	3620	-1610	REA	3630	10	GR WASH	0					
KS	RH	347	JOLLEY OIL	1	MANETH	1983	S2	SW	SE	22	18	S	16	W	99.07649	38.46527	1989	3572	-1583	REA	3619	47	GR WASH	0					
KS	RH	348	JOLLEY OIL	1	KOOSHEL	1983	W2	W2	SW	23	18	S	16	W	99.06838	38.46793	1933	3473	-1540	REA	3520	47	GR WASH/GR	1					
KS	RH	349	D & S OIL	1	RODIE	1982	NE	NE	NW	27	18	S	16	W	99.07994	38.46349	1987	3610	-1623	REA	3649	39	GR WASH	0					
KS	RH	350	EL TORO PET.	1	BRADLEY	1982	SW	SE	NE	29	18	S	16	W	99.10982	38.45821	2057	3652	-1595	REA	3690	38	GR	1		CUTTINGS	RH-350	GOOD	MD
KS	RH	351	RAYMOND OIL	1	MANHARDT	1980	SE	NW	NW	32	18	S	16	W	99.12119	38.44736	2070	3808	-1738	MAR	3837	29	GR	1					
KS	RH	352	EAGLE EXP.	1	MOORE	1981	N2	N2	NW	36	18	S	16	W	99.04625	38.44872	1980	3688	-1708	REA	3730	42	GR WASH	0					
KS	RH	353	RAINS & WM	1	OBORNY	1978	C	N2	SW	2	18	S	17	W	99.17472	38.51378	2003	3566	-1563	MAR	3592	26	GR WASH/GR	1					
KS	RH	354	FRONTIER	1	SCHWARTZ	1980	NE	NW	SW	3	18	S	17	W	99.19437	38.5148	2009	3585	-1576	MAR	3615	30	GR WASH	0					
KS	RH	355	FRONTIER	1	LUPTON	1979	NE	NW	NE	3	18	S	17	W	99.18515	38.52209	2007	3543	-1536	MAR	3639	96	GR WASH	0					
KS	RH	356	FRONTIER	1	WILHELM	1979	NE	NE	SE	10	18	S	17	W	99.18054	38.50011	1971	3589	-1618	REA	3590	1	GR WASH	0					
KS	RH	357	TENNECO OIL	1	PECHANEC	1980	C	NE	NE	24	18	S	17	W	99.14708	38.47559	1993	3608	-1615	REA	3660	52	GR WASH	0					
KS	RH	358	ROBERT SHAW	1	OETKEN	1982	C	SW	NW	1	19	S	16	W	99.04873	38.42982	2063	3776	-1713	REA	3783	7	QT	7					
KS	RH	359	CHIEF DRLG	1	URBAN	1981	SE	NW	SE	20	16	S	17	W	99.22289	38.64397	2001			ARB	3570		MAY NOT BE PRE IAN			CUTTINGS			
KS	RH	360	MID-CONTINENT	1	DIRKS	1986	C	W2	NE	25	18	S	16	W	99.0394	38.4605	1932	3578	-1646	LKC	3620	42	GR	1					
KS	RH	361	SEVILLE DRLG	1	STEGMAN	1989	SW	SW	SE	22	16	S	17	W	99.18799	38.64014	2040	3749	-1709	ARB	3750	1							
KS	RH	362	IRON DRLG ETA	1	HERRMAN	1947	NW	NW	NW	13	16	S	18	W	99.27103	38.66808	2007	3568	-1561	LKC	3579	11	GR WASH/GR	1					
KS	RH	363	FRONTIER OIL	2	SCHRINER	1975	SW	SW	SE	18	17	S	16	W	99.13258	38.56724	2032	3587	-1555	LKC	3592	5	GR	1					
KS	RH	364	FOXFIRE EXPL	1	EDWARDS	1988	SW	NW	SW	32	17	S	17	W	99.23382	38.52784	2008	3656	-1648	LKC	3665	9							
KS	RH	365	SEVILLE DRLG	1	STRAMEL	1987	SE	NE	SW	23	16	S	17	W	99.17176	38.64367	2009	3628	-1619	ARB	3629	1							
KS	RH	366	FRONTIER OIL	1	KOCI	1984	SE	SE	SW	13	17	S	18	W	99.26443	38.56823	2074	3685	-1611	LKC	3700	15							
KS	RH	367	FOXFIRE EXPL	1	MILLER	1988	SW	SW	SW	24	17	S	18	W	99.27122	38.55369	2077	3696	-1619	LKC	3710	14							
KS	RH	368	RAYMOND OIL	1	HANHARDT	1980	SE	NW	NW	12	18	S	16	W	99.04755	38.50503	2070	3808	-1738	REA	3837	29							
KS	RH	369	MID-CONTINENT	1	KOOCHLE	1986	C	N2	NW	23	18	S	16	W	99.06491	38.47705	1932	3554	-1622	REA	3562	8							
KS	RH	370	MID-CONTINENT	1	LEBSACK	1986	E2	NW	SW	25	18	S	16	W	99.04744	38.4551	1938	3566	-1628	REA	3590	24							
KS	RH	371	BOLDING GRAD	1	MOORE	1986	SE	SW	NW	25	18	S	16	W	99.04745	38.45783	1936	3537	-1601	REA	3568	31							
KS	RH	372	REIF OIL OPER	1	SWAB	1985	NW	NW	NW	26	18	S	16	W	99.06837	38.46337	1987	3775	-1788	REA	3778	3							
KS	RH	373	LUFKIN DRLG G	1	PETER ROD	1980	C	N2	NW	27	18	S	16	W	99.0834	38.46262	1991	3662	-1671	REA	3698	36							
KS	RH	374	BISON DRLG	1	HARDY /B/	1989	NE	NE	NW	10	18	S	17	W	99.18971	38.50745	1997	3622	-1625	LKC	3622	0	GR	1					
KS	RH	375	FOXFIRE EXPL	1	HARDY /A/	1988	SW	SW	NW	11	18	S	17	W	99.17822	38.50191	1993	3616	-1623	MAR	3617	1							
KS	RH	376	BISON DRLG	2	HARDY /A/	1988	W2	W2	NW	11	18	S	17	W	99.17821	38.50464	1993	3602	-1609	LKC	3616	14							
KS	RH	377	AFG ENERGY	2	DECHANT A	1994	SE	SE	NW	23	16	S	18	W	99.28271	38.64832	2064	3575	-1511	LKC	3620	45	GR WASH/GR	1					
KS	RH	378	AFG ENERGY	1	GRAHAM	1995	C	W2	SE	23	16	S	18	W	99.27927	38.64372	2069	3671	-1502	LKC	3620	49	GR WASH/GR	1		CUTTINGS (W)	17165	POOR	
KS	RH	379	AFG ENERGY	2	DECHANT B	1995	N2	S2	SW	23	16	S	18	W	99.28624	38.64293	2084	3594	-1510	LKC	3645	49	GR WASH/GR	1		CUTTINGS	D2317	FAIR	SM
KS	RH	380	AFG ENERGY	1	DECHANT B	1994	SE	NE	SW	23	16	S	18	W	99.28274	38.64469	2071	3569	-1498	LKC	3620	51	GR WASH/GR	1					
KS	RH	381	AFG ENERGY	2	MINTYRE	1994	E2	NW	SE	32	17	S	16	W	99.11224	38.52813	2051	3564	-1513	LKC	3610	46	GR WASH/GR	1		CUTTINGS	D1833	FAIR	SM
KS	RH	382	AFG ENERGY	2	SCHNEIDER	1994	N2	NE	SE	2	18	S	16	W	99.05328	38.51413	2031	3569	-1538	LKC	3600		GR	1					
KS	RH	383	LUFKIN DRLG G	1	LUFT	1980	NW	NW	NE	8	18	S	16	W	99.11455	38.50729	1968	3522	-1554	REA	3535	13							
KS	RH	384	BALCRON OIL	1	JOHN K	1989	S2	S2	SW	8	18	S	18	W	99.34081	38.49598	2085				4250				CUTTINGS	C7440	FAIR	VSM	
KS	RH	385	CORONADO	1	DECHANT A	1994	NE	NE	SE	20	16	S	18	W			2001	3582	-1581	REA	3610	28	GR WASH	0					
KS	RH	386	AFG ENERGY	1	SCHAFER	1995	SE	SE	NE	23	16	S	18	W			2050	3674	-1624	ARB	3675	1	GR WASH	0					
KS	RH	387	AFG ENERGY	1	TWIN LEGLE	1994	NE	NE	NW	26	16	S	18	W			2090	3601	-1511	LKC	3650	49	GR WASH	0					
KS	RH	388	HUGOTON	###	HONDERICK	1994	C	SE	SW	36	16	S	18	W			2080	3622	-1542	LKC	3685	53	GR WASH	0					
KS	RH	389	ANR PROD	1	HONDERICK	1991	W2	SW	SE	36	16	S	18	W			2062	3600	-1538	LKC	3771	171	GR WASH	0					
KS	RH	390	AFG ENERGY	1	SCHHECK	1994	C	SW	SW	34	17	S	16	W			2050	3600	-1550	LKC	3600	0	GR WASH	0					
KS	RH	391	AFG ENERGY	1	LOHREY	1993	C	SE	NE	12	17	S	18	W			2113	3676	-1563	LKC	3720	44	GR WASH	0					
KS	RH	392	FRONTIER	1	TAMMEN	1983	SW	SW	NW	22	18	S	16	W			1941	3455	-1514	LKC	3480	25							
KS	RL	1	VALENTIN	1	KUNZE	1962	C	NE	SE	33	6	S	5	E	96.77638	39.48537	1141	2462	-1321	SIM	2547	85	GABBRO	4		CUTTINGS	RL-1	FAIR	SM
KS	RL	2	PHILLIPS	1	WINKLER	1962	C	SE	NE	8	6	S	6	E	96.77638	39.48537	1413	2584	-1171	SIM	2735	151	AMPHIBOLIT	8		CUTTINGS (W)	61428		
KS	RL	3	GYPSY	1	DROLL	1917	NW	SE	NW	2	7	S	5	E	96.8418	39.47551	1130	2365	-1235	SIM	2520	155	GR WASH/GR	1					
KS	RL	4	WATERMAN	1	KUNZE	1965	C	NW	SE	3	7	S	5	E	96.85489	39.47123	1206	2486	-1280	SIM	2503	17	WEA GR	1		CUTTINGS		POOR	SM
KS	RL	5	BRACK	1	ERICKSON	1951	NE	NE	NW	15	7	S	5	E	96.85873	39.4507	1345	2550	-1205	SIM	2561	11	DIABASE	4		CUTTINGS (WRL-5)	33775		
KS	RL	6	ARKANSAS FUE	1	MARTIN	1930	SE	NE	SW	24	8	S	4	E	96.93369	39.34029	1328	2727	-1399	SIM	2942	215	DIABASE/MET	4		CUTTINGS (WRL-6-1,2)	2466		
KS	RL	7	VEEDER	1	GRAVENSTN	1946	NW	NW	NW	21	8	S	6	E	96.77355	39.34843	1258	2676	-1418	SIM	2702	26	METASEDS	1		CUTTINGS (WRL-7)	3001		
KS	RL	8	SALINA	1	LEWELLEN	1953	NE	NE	NE	11	9	S	4	E	96.94305	39.29165	1294	2813	-1519	ARB	2821	8	GR	1		CUTTINGS (W)	41979		
KS	RL	9	EMPIRE	1	WOODBURY	1925	SW	SW	NE	14	9	S	4	E	96.95039	39.27171	1219	2760	-1541	ARB	2804	44	GR	1		CUTTINGS (W)	64942		
KS	RL	10	PAWNEE	1	MARKS	1923	SW	NE	NW	26	10	S	6	E	96.73165	39.15776	1213												

[illegible]

KS	RO	29	HERNDON	1	WILTROUT	1968	C	NW	NW	10	6	S	20	W	99.54362	39.55154	2174	3685	-1479	REA	3685	2	GR	1							
KS	RO	30	BLACK MARSHA	1	FEDLANDBK	1942	N2	SW	NW	11	6	S	20	W	99.52496	39.54884	2161	3640	-1479	MAR	3641	1	PK	GR	1						
KS	RO	31	HERNDON	1	SIMONS	1969	C	SE	NE	11	6	S	20	W	99.51083	39.54792	2094	3561	-1467	PEN	3589	28	GR	WASH/GR	1	CUTTINGS	RO-31	FAIR	MD		
KS	RO	32	PRATT LEBEN	1	SIMONS	1963	SW	SW	NW	14	6	S	20	W	99.52628	39.53271	2174	3630	-1456	PEN	3640	10	GR	WASH/GR	1						
KS	RO	33	NATIONAL ASSO	1	HANSEN	1943	NW	NW	NW	15	6	S	20	W	99.54501	39.53817	2224	3675	-1451	MAR	3690	15	GR	WASH	0						
KS	RO	34	LEBEN	1	TRIBLE	1959	NE	NE	SW	16	6	S	20	W	99.55681	39.53088	2203	3655	-1452	REA	3696	41	GN	*	6	CUTTINGS	RO-34	FAIR	MD		
KS	RO	35	WOODMAN INNI	1	NICHOLS	1959	NW	NW	SW	18	6	S	20	W	99.60059	39.53075	2233	3797	-1564	ARB	3798	1	GR	1							
KS	RO	36	WESTGATE GRE	1	JOHNSTON	1950	SE	SW	SW	24	6	S	20	W	99.50535	39.51077	2141	3890	-1749	REA	3908	18	GR	WASH	0						
KS	RO	37	BLACK MARSHA	1	GARTRELL	1942	NW	NW	NW	24	6	S	20	W	99.50755	39.52353	2162	3633	-1471	MAR	3660	27	GN	*	6		RO-37	PC-171D			
KS	RO	38	SNOWDEN	1	STEBBINS	1937	NE	NE	SW	26	7	S	17	W	99.18527	39.41468	1778	3575	-1797	REA	3590	15	GR	*	1	CUTTINGS	RO-38	POOR	SM		
KS	RO	39	SIERRA HOUSTO	1	LONG	1961	SE	SE	SW	5	7	S	19	W	99.46385	39.46746	1988	3556	-1568	REA	3572	16	GR	WASH/GR	1						
KS	RO	40	MAGNOLIA	1	HOLSMAN	1951	SE	NE	SE	15	7	S	19	W	99.41743	39.442	1958	3537	-1579	ARB	3538	1	GN	*	6	CORE	RO-40	GOOD	MD		
KS	RO	41	IMPERIAL	1	TRARBACH	1960	NE	NE	SE	18	7	S	20	W	99.58511	39.44391	2091	3702	-1611	ARB	3705	3	WEA	GR	1						
KS	RO	42	SIDEY	3	ECKART	1953	NW	SW	SE	5	8	S	17	W	99.23914	39.38199	1856	3700	-1844	ARB	3708	8	GR	WASH	0						
KS	RO	43	SHELL	9	KRUG	1953	S2	S2	SW	19	8	S	17	W	99.26437	39.33651	1987	3782	-1795	ARB	3828	46	GR	GN	*	6	CUTTINGS	RO-43	FAIR	MD	PC-174
KS	RO	44	STANOLIND	4	CMILLLEN	1954	NE	SW	SE	24	8	S	18	W	99.2748	39.33832	2008	3812	-1804	ARB	3844	32	GR	WASH/GR	*	1	CUTTINGS	RO-44	FAIR	MD	
KS	RO	45	VEVERKA	1	HANCE	1962	C	SE	SW	13	8	S	19	W	99.3923	39.3524	2009	3700	-1691	ARB	3720	20	GR	WASH/GR	1						
KS	RO	46	DEEP ROCK	9	ONDRASEK	1951	NW	NE	NW	32	8	S	19	W	99.46834	39.32064	2019	3878	-1859	REA	3883	5	GR	1							
KS	RO	47	BIRD/AMERADA	1	LOWRY	1948	N2	NE	NE	33	8	S	19	W	99.43929	39.32071	1988	3798	-1810	ARB	3800	2	GR	1							
KS	RO	48	SKELLY	2	ROSTOCIL	1948	SE	SE	SW	33	8	S	19	W	99.44744	39.30805	2014	3882	-1868	REA	3889	7	PK	GR	1						
KS	RO	49	O.F.S. INC.	3	THYFAULT	1967	NW	SE	SW	6	8	S	20	W	99.5968	39.38247	1973	3663	-1690	ARB	3667	4	GR	*	1	CUTTINGS	RO-49	GOOD	SM		
KS	RO	50	OSAGE	2C	MAINGUIST	1959	SW	SE	NE	9	9	S	17	W	99.21743	39.28588	2059	3861	-1802	ARB	3869	8	GR	*	1	CUTTINGS	RO-50	FAIR	SM		
KS	RO	51	PHILLIPS	2	NETTIE	1953	SW	SW	SE	34	9	S	17	W	99.20362	39.22062	2043	4040	-1997	REA	4049	9	PK	GR	1						
KS	RO	52	HARBAR	4	STAHL	1950	NE	SW	NW	17	9	S	18	W	99.35958	39.27353	2132	4028	-1896	REA	4062	34	RED	GR	*	1	CUTTINGS	RO-52	FAIR	MD	
KS	RO	53	OSAGE	3B	HILGERS	1959	C	SW	SW	18	9	S	18	W	99.37921	39.26543	2152	4059	-1907	ARB	4068	9	GR	WASH	0						
KS	RO	54	CITIES SERVIC	2	REMPE OW	1962	SE	SW	SE	21	9	S	18	W	99.33167	39.24997	2164	4099	-1935	REA	4108	9	GR	WASH	0						
KS	RO	55	CITIES SERVIC	5	REMPE	1968	SW	NE	SE	21	9	S	18	W	99.32932	39.25359	2165	4086	-1921	REA	4118	32	GR	*	1	CUTTINGS	RO-55	GOOD	MD		
KS	RO	56	HEATHMAN	5	BAUMGART	1953	NE	SW	NW	29	9	S	18	W	99.35983	39.24451	2188	4114	-1926	ARB	4128	14	WEA	GR/GR	1						
KS	RO	57	CONTINENTAL	5	SLANSKY	1947	SW	NW	NE	2	9	S	19	W	99.40776	39.30441	1987	3825	-1838	ARB	3842	17	GR	1							
KS	RO	58	WESTGATE GRE	1	NOVOTNY	1945	NW	NW	NW	3	9	S	19	W	99.43584	39.30628	1966	3825	-1859	ARB	3842	17	WEA	GR	1						
KS	RO	59	KATHOL	4	STULL	1969	NW	NW	SW	8	9	S	19	W	99.47339	39.28406	2038	3886	-1848	REA	3900	14	GR	*	1		RO-59				
KS	RO	60	SOHIO	5C	ROSTOCIL	1950	NW	SE	NW	10	9	S	19	W	99.43132	39.28812	2028	3893	-1865	ARB	3901	8	GR	WASH/GR	1						
KS	RO	61	PHILLIPS(CONT 1A	1	THYFAULT	1949	SE	SE	SW	11	9	S	19	W	99.41026	39.27908	2031	3880	-1849	REA	3908	28	PK	GR	1						
KS	RO	62	PHILLIPS	2	CHANDLER	1956	N2	NE	NW	14	9	S	19	W	99.41145	39.27726	2036	3890	-1854	REA	3898	8	GR	1							
KS	RO	63	PRAIRIE	1	GICK	1929	C	SE	SW	22	9	S	19	W	99.42336	39.2526	2167	4080	-1913	REA	4127	47	QT	*	7		RO-63	PC-204B			
KS	RO	63	MORRIS SITRIN	6	RATHBUN	1969	N2	SE	NE	27	9	S	20	W	99.53312	39.24459	2265	4312	-2047	ARB	4316	4	GR	1							
KS	RO	64	BAY	1B	BENOIT	1949	NW	NW	NW	25	9	S	19	W	99.39895	39.24824	2148	4063	-1915	REA	4080	17	GR	1							
KS	RO	65	SKELLY(HANSEN	3	MILLER	1956	NW	SE	SW	18	9	S	20	W	99.59921	39.26656	2219	4242	-2023	REA	4250	8	WEA	GR	1						
KS	RO	66	NADEL GUSSMA	16	HINKHOUSE	1950	S2	SW	SW	27	9	S	20	W	99.54716	39.23546	2264	4310	-2046	REA	4345	35	GR	WASH	0						
KS	RO	67	NADEL GUSSMA	1	MARCOTTE	1956	NW	NW	SW	27	9	S	20	W	99.54836	39.24101	2242	4296	-2054	ARB	4298	2	GR	1							
KS	RO	69	CITIES SERVIC	4U	SMITH	1962	SW	NW	SE	15	10	S	16	W	99.09322	39.18103	2003	3765	-1762	REA	3798	33	GR	*	1	CUTTINGS/CRO-69	PC-210	FAIR	MD		
KS	RO	70	NADEL GUSSMA	5	OUDEKIRK	1949	SW	NW	NE	7	10	S	19	W	99.48288	39.20238	2225	4340	-2115	REA	4348	8	GR	1							
KS	RO	71	FRANCIS	3A	WILSON	1958	SE	SW	NE	2	10	S	20	W	99.51786	39.21338	2230	4312	-2082	REA	4322	10	GR	WASH	0						
KS	RO	72	SINCLAIR	4	BALDWIN	1949	NW	SE	SW	5	10	S	20	W	99.5808	39.20797	2274	4342	-2068	REA	4357	15	GR	1							
KS	RO	73	BARNETT	2	HINKHOUSE	1951	NE	NE	SE	9	10	S	20	W	99.5505	39.19711	2174	4254	-2080	REA	4293	39	GR	GN	*	6	CUTTINGS	RO-73	FAIR	MD	
KS	RO	74	CHAMPLIN	6	MARCOTTE	1948	SE	NW	SW	15	10	S	20	W	99.54567	39.18075	2140	4248	-2108	REA	4249	1	GR	1							
KS	RO	75	HANSEN	4	WILLIAMS	1954	SE	NE	NE	16	10	S	20	W	99.55047	39.18801	2149	4268	-2119	REA	4271	3	GR	1							
KS	RO	76	CITIES SERVIC	5	SCHNEIDER	1965	NW	NE	SW	31	10	S	20	W	99.59995	39.13891	2107	4209	-2102	REA	4241	32	GR	WASH	0						
KS	RO	77	ZENITH	1	MILLER	1973	NE	NE	NE	29	6	S	19	W	99.45396	39.50902	2114	3604	-1490	LKC	3621	17	GR	1							
KS	RO	78	MARTIN EXP.	1	NICHOL	1973	C	NW	NE	16	6	S	20	W	99.55322	39.53724	2249	3697	-1448	LKC	3712	15	GR	WASH	0						
KS	RO	79	PETROLEUM MG	4	WALLGREN	1989	NW	NW	NE	7	6	S	20	W	99.59157	39.55241	2151	3529	-1378	MAR	3564	35				CUTTINGS		C7450	FAIR	SM	
KS	RO	80	ANCHOR BAY	A1	GARTRELL	1992	SE	SW	SE	13	6	S	20	W	99.49591	39.52528	2181	3658	-1477	ARB	3690	32	GR	1							
KS	RO	82	LEBEN	1	BREWER	1971	C	NW	NE	7	6	S	19	W	99.47823	39.55149	2083	3622	-1539	MAR	3628	6	GR	1							
KS	RO	83	MILLER	1	SUTOR	1977	NW	SW	SE	14	10	S	20	W	99.52011	39.17891	2235	4279	-2044	REA	4284	5	GR	WASH	0						
KS	RO	84	BRANDT OIL	1	HANSEN	1978	SE	SW	SE	2	6	S	20	W	99.51429	39.5542	2074	3564	-1490	REA	3585	21	GR	WASH/GR	1						
KS	RO	85	THUNDERBIRD	1	EADES	1982	SW	SW	NE	31	6	S	18	W	99.36831	39.48895	1993	3587	-1594	REA	3603	16	GR	WASH	0						
KS	RO	86	LEBEN	1	BREWER	1971	C	NW	NE	7	6	S	19	W	99.47823	39.55149	2083	3622	-1539	LKC	3628	6	GR	1							

KS	RO	99	PETROLEUM MG	3	WALLGREN	1983	NW	SE	SW	6	6	S	20	W	99.59612	39.55591	2114	3485	-1381	MAR	3513	25	GR	1					
KS	RO	100	PETROLEUM MG	2	MCCLURG	1980	SW	NE	NE	6	6	S	20	W	99.58707	39.5647	2114	3495	-1381	MAR	3531	36	WEA GR	1					
KS	RO	101	PETROLEUM MG	1	MCCLURG	1980	NE	SW	NE	6	6	S	20	W	99.58932	39.56294	2093	3460	-1367	MAR	3465	5	GR WASH	0		CUTTINGS	FAIR	MD	
KS	RO	102	PETROLEUM MG	3	MCCLURG	1980	SW	SW	NE	6	6	S	20	W	99.5916	39.56119	2090	3461	-1371	MAR	3490	29	GR WASH/GR	1					
KS	RO	103	PETROLEUM MG	1	WALLGREN	1980	SW	NE	SW	6	6	S	20	W	99.59612	39.55766	2103	3485	-1382	MAR	3486	1	WEA GR	1					
KS	RO	104	PETROLEUM MG	1	VEHIGE	1982	SE	SE	NW	6	6	S	20	W	99.59386	39.56118	2092	3470	-1378	MAR	3492	22	WEA GR	1		CUTTINGS	RO-104	GOOD	MD
KS	RO	105	PET. INC	1	STEELE	1983	SW	NW	NW	9	6	S	20	W	99.56379	39.55073	2164	3632	-1468	MAR	3654	22	GR WASH	0					
KS	RO	106	BRANDT OIL	1	WILTROUT	1978	E2	SW	NW	10	6	S	20	W	99.54251	39.54798	2215	3685	-1470	MAR	3720	35	GR WASH/GR	1					
KS	RO	107	LIBERTY ENTER	1	SIMONS	1983	NE	SE	NE	11	6	S	20	W	99.50964	39.54882	2084	3570	-1486	MAR	3575	5	GR WASH	0					
KS	RO	108	BRANDT OIL	2	HANSEN	1978	SE	NW	NE	11	6	S	20	W	99.51433	39.55062	2115	3581	-1466	MAR	3596	15	GR WASH/GR	1					
KS	RO	109	GEODESSA COR	3	HANSEN	1980	SW	NE	NW	12	6	S	20	W	99.50262	39.55056	2122	3615	-1493	REA	3634	19	GR WASH/GR	1					
KS	RO	110	GEODESSA COR	2	HANSEN	1980	C	NE	SW	12	6	S	20	W	99.50154	39.54426	2163	3620	-1457	MAR	3654	34	GR WASH/GR	1					
KS	RO	111	GEODESSA COR	4	HANSEN	1980	NE	NE	SW	12	6	S	20	W	99.50037	39.54515	2159	3629	-1470	REA	3680	51	GR	1					
KS	RO	112	GEODESSA COR	2	GARTRELL	1981	N2	NE	SE	12	6	S	20	W	99.49223	39.5451	2116	3602	-1486	REA	3625	23	GR WASH	0					
KS	RO	113	GEAR PET	2A	HICKS	1979	S2	NE	SE	18	6	S	20	W	99.58604	39.52897	2224	3913	-1689	ARB	3941	28	GR WASH	0					
KS	RO	114	LIBERTY ENTER	5	KRILEY	1982	NE	SW	SE	20	7	S	17	W	99.23665	39.42499	1767	3605	-1838	ARB	3606	1	GR WASH	0					
KS	RO	115	LIBERTY ENTER	3	RUPP	1983	NE	SW	SW	24	7	S	18	W	99.28297	39.42502	1769	3609	-1840	ARB	3631	22	WEA GR	1					
KS	RO	116	LINUS ROGERS	1	ALBRIGHT	1983	SW	NW	SE	36	7	S	18	W	99.27631	39.39805	1816	3485	-1669	ARB	3487	2	GR WASH	0					
KS	RO	117	BAIRD OIL	1	GRIEBEL	1983	SE	NW	NE	17	7	S	19	W	99.45934	39.44946	2000	3438	-1438	ARB	3458	20	GR WASH	0					
KS	RO	118	TERRA-MAX EN	1	GRIEBEL	1983	SE	SE	SE	17	7	S	19	W	99.45479	39.43856	1984	3480	-1496	ARB	3504	24	GR WASH	0					
KS	RO	119	ENERGY EXP. I	2	DENNING	1982	NW	SW	NW	20	7	S	19	W	99.47137	39.43306	2006	3438	-1432	ARB	3500	62	GR	1					
KS	RO	120	ENERGY EXPLO	4	DENNING	1983	NE	SW	NW	20	7	S	19	W	99.46902	39.43307	2007	3480	-1473	LKC	3520	40	SYEN	3					
KS	RO	121	OXFORD EXP.	3	WOODRING	1981	SW	SW	SW	13	7	S	20	W	99.50839	39.4383	2044	3637	-1593	ARB	3657	20	GR WASH/GR	1					
KS	RO	122	OXFORD EXPLO	1	WOODRING	1981	SW	SW	SW	13	7	S	20	W	99.50839	39.4383	2044	3637	-1593	ARB	3657	20	GR WASH/GR	1					
KS	RO	123	RESOURCES IN	1	ALCONA	1981	C	SW	SE	14	7	S	20	W	99.51656	39.43916	2067	3690	-1623	REA	3700	10	WEA GR	1					
KS	RO	124	LIBERTY ENT.	2	MC MULLEN	1983	NE	NE	SE	33	8	S	17	W	99.21449	39.31306	2021	3855	-1834	ARB	3872	17	GR	1					
KS	RO	125	BLACK PET.	2	CONYAC	1982	SW	SW	NE	12	8	S	18	W	99.27679	39.32769	1882	3629	-1747	ARB	3670	41	GR WASH	0					
KS	RO	126	TEXAS OIL & G	1	WOLFENDE	1981	NW	NE	SE	30	8	S	19	W	99.47769	39.32787	2000	3837	-1837	REA	3840	3	QT	7					
KS	RO	127	O'FRAC INC.	2	THYFAULT	1967	SW	SW	SW	6	8	S	20	W	99.60127	39.38065	1983	3602	-1619	ARB	3616	14	GR	1					
KS	RO	128	NATIONAL ENER	1	GOESSELIN	1982	NE	NE	NE	22	8	S	20	W	99.53091	39.34967	2030	3778	-1748	ARB	3840	62	GR WASH	0					
KS	RO	129	F & M OIL	1	MILLER	1983	SE	NW	SW	27	8	S	20	W	99.54541	39.3262	2022	3618	-1596	ARB	3622	4	GR WASH	0					
KS	RO	130	FRONTIER OIL	2	MARCOTTE	1981	C	SW	SW	18	9	S	19	W	99.48863	39.26643	2095	3759	-1664	ARB	3800	41	GR WASH	0					
KS	RO	131	FRONTIER OIL	3	MARCOTTE	1981	C	NE	SW	18	9	S	19	W	99.4863	39.2683	2088	3780	-1692	ARB	3790	10	GR WASH	0					
KS	RO	132	MURFIN	1	GICK	1960	SW	SE	NE	19	9	S	19	W	99.47811	39.25665	2116	4038	-1922	REA	4060	22	GR	1					
KS	RO	133	BEREN	8	BALTHAZOR	1974	NW	SW	NE	19	9	S	20	W	99.5947	39.25927	2277	4251	-1974	REA	4277	26	GR WASH	0					
KS	RO	134	EXCEL ENERGY	1	KUEHNH	1981	SW	NW	SE	32	9	S	20	W	99.57618	39.22448	2263	4330	-2067	REA	4359	29	GR	1					
KS	RO	135	A H EXPLORATI	1	BRUEGGEM	1981	SW	NW	NE	33	9	S	20	W	99.55762	39.23182	2276	4360	-2084	REA	4393	33	WEA GR	1					
KS	RO	136	PETX PET	3	BUSS EARL	1985	SE	SE	SW	19	6	S	19	W	99.48196	39.51083	2116	3636	-1520	ARB	3660	24	GR	1		CUTTINGS	GOOD	LG	
KS	RO	137	PETROLEUM MG	3	WALLGREN	1986	SW	NW	NW	7	6	S	20	W	99.60066	39.55054	2130	3512	-1382	LKC	3535	23	GN	6		CUTTINGS	C0749	FAIR	SM
KS	RO	138	MID-CONTNT EN	1	BROBST	1988	NE	SE	NW	7	6	S	19	W	99.48172	39.54876	2101	3651	-1550	ARB	3651	0							
KS	RO	139	LADD PET	1	MCCLURG	1984	NE	NW	SE	17	6	S	19	W	99.45844	39.53082	2173	3648	-1475	LKC	3710	62							
KS	RO	140	PETX PET	1	BROBST	1985	SW	SW	NW	17	6	S	19	W	99.47008	39.53263	2173	3662	-1489	LKC	3710	48	GR	1		CUTTINGS	B9117	FAIR	SM
KS	RO	141	ADVANTAGE RE	1	CARPENTER	1985	NW	SW	SE	19	6	S	19	W	99.47961	39.51265	2109	3595	-1486	LKC	3640	45	GR	1					
KS	RO	142	PETX PET	2	BUSS EARL	1985	NE	NW	SW	19	6	S	19	W	99.48662	39.51622	2130	3655	-1525	ARB	3680	25				CUTTINGS	38268	GOOD	SM
KS	RO	143	PETX PET	4	BUSS EARL	1988	NE	NE	SW	19	6	S	19	W	99.48193	39.51625	2119	3628	-1509	ARB	3640	12							
KS	RO	144	ADVANTAGE RE	10	CARPENTER	1985	NW	NW	SE	19	6	S	19	W	99.47959	39.51627	2138	3621	-1483	ARB	3649	28	GR	1					
KS	RO	145	VINCENT OIL	1	WILTROUT /	1989	N2	NE	SE	3	6	S	20	W	99.52957	39.55946	2135	3646	-1511	LKC	3652	6				CUTTINGS	C4397	FAIR	SM
KS	RO	146	VINCENT OIL	1	HICKS	1989	SW	NW	SE	5	6	S	20	W	99.57311	39.55775	2121	3625	-1504	LKC	3635	10				CUTTINGS	C4399	FAIR	SM
KS	RO	147	PETROLEUM MG	4	WALLGREN	1985	SE	SE	SW	6	6	S	20	W	99.59384	39.55417	2126	3506	-1380	MAR	3519	13	GR	1		CUTTINGS	36333	FAIR	SM
KS	RO	148	PETROLEUM MGM	1	WALLGREN	1986	NW	NW	NW	7	6	S	20	W	99.60067	39.55235	2112	3490	-1378	MAR	3531	41							
KS	RO	149	PETROLEUM MGB-2	1	WALLGREN	1984	NW	NE	NW	11	6	S	20	W	99.52139	39.55241	2133	3520	-1387	MAR	3555	35				CUTTINGS	K1619	FAIR	SM
KS	RO	150	ADVANTAGE RE	13	HINDMAN	1985	SW	SW	SW	14	6	S	20	W	99.52634	39.52545	2141	3625	-1484	LKC	3659	34	GR	1		CUTTINGS (W)	B9854		
KS	RO	151	ADVANTAGE RE	1	GARTRELL	1988	W2	W2	NE	23	6	S	20	W	99.51696	39.52085	2187	3671	-1484	LKC	3703	32							
KS	RO	152	MURFIN DRLG	9	WALKER	1985				19	7	S	17	W	99.25401	39.42563	1752	3704	-1905	ARB	3704	0				CUTTINGS (W)			
KS	RO	153	N-B CO	2	WALLACE	1984	SW	SW	SE	14	7	S	19	W	99.4059	39.43843	1936	3538	-1602	ARB	3575	37							
KS	RO	154	TXO PROD	2	DENNING /A	1983	NW	SE	NW	20	7	S	19	W	99.46666	39.43308	2004	3544	-1540	ARB	3600	56							
KS	RO	155	BAIRD OIL	4	GRIEBEL	1988	W2	W2	NE	20	7	S	19	W	99.46194	39.43401	1984	3430	-1446	LKC	3640	210							
KS	RO	156	F & M OIL	1	SALBERS /B	1984	E2	SE	SW	36	7	S	19	W	99.39023	39.39584	1867	3482	-1615	ARB	3602	120				CUTTINGS		GOOD	MD
KS																													

KS	RS	7	SUMMIT	1A	DODGE	1944	E2	SW	NW	32	11	S	15	W	99.01622	39.05478	1809	3182	3066	PEN	3216	24	GR	WASH	0				
KS	RS	8	BORRELL	1	MEYER	1953	S2	SE	SE	32	12	S	11	W	98.5616	38.9591	1532	3968	-2436	REA	4037	69	QT		7				
KS	RS	9	JOHNSON ESTA	8	KOLLMAN	1944	W2	SE	NW	5	12	S	15	W	99.01409	39.04002	1677	3079	-1402	REA	3086	7	WEA	GR	1				
KS	RS	10	JOHNSON ESTA	11	KOLLMAN	1948	SW	NE	NW	5	12	S	15	W	99.01405	39.04284	1706	3104	-1398	PEN	3149	45	GR	WASH/GR	1		CUTTINGS	POOR	MD
KS	RS	11	MAI	3A	SUTTON	1965	NE	SW	SE	5	12	S	15	W	99.00719	39.03342	1732	3386	-1654	REA	3390	4	GR		1				
KS	RS	12	MAST	1A	SUTTON	1959	NW	SW	SE	5	12	S	15	W	99.00952	39.03342	1724	3277	-1553	REA	3280	3	GR		1				
KS	RS	13	SOHIO	1	SUTTON	1956	SW	NE	SE	5	12	S	15	W	99.00483	39.03529	1676	3364	-1688	ARB	3368	4	GR	WASH	0				
KS	RS	14	SOHIO(VALERIU	1A	SUTTON	1947	NW	SE	SW	5	12	S	15	W	99.01419	39.03343	1827	3225	-1398	PEN	3233	8	GR	WASH	0				
KS	RS	15	SOHIO(VALERIU	4A	SUTTON	1947	SW	SW	SW	5	12	S	15	W	99.01889	39.03155	1693	3078	-1385	PEN	3086	8	GR	WASH	0				
KS	RS	16	SOHIO(VALERIU	5A	SUTTON	1948	SE	SW	SW	5	12	S	15	W	99.01655	39.03155	1721	3147	-1426	PEN	3154	7	GR	WASH/GR	1				
KS	RS	17	SOHIO(VALERIU	7A	SUTTON	1945	SW	SE	SW	5	12	S	15	W	99.01421	39.03155	1822	3197	-1375	PEN	3205	8	GR		1				
KS	RS	18	STEARNS	1B	HOLLAND	1949	SE	SE	SE	7	12	S	15	W	99.02129	39.01705	1824	3208	-1384	PEN	3266	58	WEA	GR/ GR	1				
KS	RS	19	SOHIO(STEARN	3	OSWALD	1949	SE	NW	SW	8	12	S	15	W	99.01665	39.02066	1856	3229	-1373	PEN	3233	4	GR	WASH	0				
KS	RS	20	SOHIO(STEARN	4	OSWALD	1945	NE	NW	SW	8	12	S	15	W	99.01665	39.02247	1843	3225	-1382	PEN	3231	6	GR	WASH	0				
KS	RS	21	SOHIO(STEARN	5	OSWALD	1925	NW	NW	SW	8	12	S	15	W	99.01897	39.02247	1832	3203	-1371	PEN	3223	20	WEA	GR	1				
KS	RS	22	SOHIO(STEARN	7	OSWALD	1925	NW	SW	SW	8	12	S	15	W	99.019	39.01886	1844	3206	-1362	PEN	3207	1	WEA	GR	1				
KS	RS	23	STANOLIND(MID	1	OSWALD	1949	SW	SE	NW	8	12	S	15	W	99.01431	39.02428	1841	3220	-1379	PEN	3234	14	GR	WASH	0				
KS	RS	24	STANOLIND(MID	3	OSWALD	1934	NW	NE	NW	8	12	S	15	W	99.01424	39.02971	1832	3222	-1390	PEN	3259	37	PK	GR	1				
KS	RS	25	STANOLIND(MID	7	OSWALD	1948	NE	NE	NW	8	12	S	15	W	99.0119	39.02971	1834	3244	-1410	REA	3266	22	GR	WASH/GR	1				
KS	RS	26	STANOLIND(MID	16	OSWALD	1926	SE	NW	NW	8	12	S	15	W	99.0166	39.0279	1835	3220	-1385	PEN	3245	25	GR		1				
KS	RS	27	STANOLIND(MID	22	OSWALD	1934	NW	SE	NW	8	12	S	15	W	99.01428	39.02609	1831	3219	-1388	PEN	3245	26	GR		1		RS-27	PC-219	
KS	RS	28	STANOLIND(MID	31	OSWALD	1933	SW	SW	NW	8	12	S	15	W	99.01895	39.02428	1827	3193	-1366	PEN	3200	7	WEA	GR	1				
KS	RS	29	STANOLIND(MID	33	OSWALD	1928	SE	SW	NW	8	12	S	15	W	99.01662	39.02428	1848	3211	-1363	PEN	3217	6	WEA	GR	1				
KS	RS	30	STEARNS	1A	OSWALD	1925	SE	SW	SW	8	12	S	15	W	99.0167	39.01705	1859	3300	-1441	PEN	3380	80	GR		1				
KS	RS	31	MAST	5C	BELLER	1959	SW	NW	NW	15	12	S	15	W	98.9817	39.01366	1797	3633	-1836	REA	3640	7	GR		1				
KS	RS	32	SHIELDS	2	HOLLAND	1956	SW	SE	SW	17	12	S	15	W	99.01419	39.0026	1841	3505	-1664	REA	3535	30	GR	WASH	0				
KS	RS	33	VALERIUS	2	MUNSELL	1927	SW	SW	NE	17	12	S	15	W	99.00966	39.00982	1853	3600	-1747	ARB	3656	56	ARKOSE/GR		9				
KS	RS	34	SOHIO(VALERIU	2	OSWALD	1946	NE	NW	NW	17	12	S	15	W	99.01669	39.01524	1859	3256	-1397	PEN	3282	26	GN		6		RS-34	PC-22BB	
KS	RS	35	SOHIO(VALERIU	3	OSWALD	1945	NW	NW	NW	17	12	S	15	W	99.019	39.01524	1852	3226	-1374	PEN	3278	52	WEA	GR	1		CUTTINGS	POOR	SM
KS	RS	36	SOHIO(VALERIU	4	OSWALD	1948	SW	NW	NW	17	12	S	15	W	99.01897	39.01344	1862	3261	-1399	PEN	3296	35	WEA	GR	1				
KS	RS	37	SOHIO(VALERIU	9	OSWALD	1945	NW	NE	NW	17	12	S	15	W	99.01437	39.01525	1874	3313	-1439	ARB	3322	9	GR	WASH	0				
KS	RS	38	STEARNS	1	HOLLAND	1948	E2	E2	NE	18	12	S	15	W	99.02126	39.01254	1845	3271	-1426	PEN	3298	27	GR	WASH/GR	1				
KS	RS	39	STEARNS	2	HOLLAND	1949	E2	SE	NE	18	12	S	15	W	99.02122	39.01074	1849	3303	-1454	REA	3312	9	GR	WASH/GR	1				
KS	RS	40	DREILING	3	ERMIS	1958	E2	E2	SE	18	12	S	15	W	99.02116	39.00533	1893	3430	-1537	ARB	3435	5	GR	WASH	0				
KS	RS	41	DREILING(STEA	4	ERMIS	1949	NW	NE	SE	18	12	S	15	W	99.02347	39.00804	1878	3324	-1446	PEN	3360	36	GR		1				
KS	RS	42	SKELLY	2	OSWALD	1925	SE	NE	NE	18	12	S	15	W	99.02126	39.01344	1835	3236	-1401	PEN	3286	50	WEA	GR	1				
KS	RS	43	SOHIO	4A	RUSCH	1948	N2	S2	SW	19	12	S	15	W	99.03388	38.98993	1910	3304	-1394	LKC	3315	11	GR	WASH/GR	1				
KS	RS	44	SOHIO	4B	RUSCH	1958	S2	N2	SW	19	12	S	15	W	99.03386	38.99175	1893	3294	-1401	REA	3302	8	GR	WASH	0				
KS	RS	45	NIXON	1	GIBBS	1956	SE	NW	NW	20	12	S	15	W	99.01647	38.99899	1852	3415	-1563	REA	3417	2	GR	WASH	0				
KS	RS	46	AMERADA	1	MILKE	1924	SW	SE	SW	20	12	S	15	W	99.01405	38.98812	1896	3605	-1709	REA	3617	12	GR		1		CUTTINGS	FAIR	SM
KS	RS	47	MAI	4	MILKE	1957	SW	NE	SW	20	12	S	15	W	99.01408	38.99174	1861	3541	-1680	ARB	3546	5	GR	WASH	0				
KS	RS	48	P AND R	1	HAISE	1924	NW	NW	SE	24	12	S	15	W	98.93539	38.99362	1718	3610	-1892	REA	3634	24	GR	WASH	0				
KS	RS	49	SOHIO(CENTRA	1B	DECKERT	1937	N2	SE	NW	30	12	S	15	W	99.03166	38.98266	1908	3484	-1576	REA	3505	21	WEA	GR	1				
KS	RS	50	SOHIO	4	DECKERT	1948		C	NW	30	12	S	15	W	99.03398	38.98357	1912	3374	-1462	REA	3385	11	GR	WASH	0				
KS	RS	51	SOHIO	6	DECKERT	1949	NE	NW	NW	30	12	S	15	W	99.0351	38.98629	1898	3303	-1405	REA	3304	1	GR	WASH	0				
KS	RS	52	TEXAS	8	JACOBS	1950	NW	SE	SW	31	12	S	15	W	99.03311	38.96086	1841	3476	-1635	ARB	3486	10	GR		1				
KS	RS	53	FRANCO CENTR	4	SHAFFER	1958	NE	SW	SE	36	12	S	15	W	98.93338	38.96094	1780	3665	-1885	ARB	3666	1	WEA	GR	1				
KS	RS	54	PRAIRIE	1	HILL	1924	NW	NW	NE	13	13	S	14	W	98.82472	38.92824	1827	3766	-1939	REA	3861	95	GN		6		RS-54	PC-215	
KS	RS	55	MORGENSTERN	4	KRUG	1968	N2	NW	NW	17	13	S	14	W	98.90735	38.92828	1661	3478	-1817	REA	3481	3	GR		1				
KS	RS	56	MCBRIDE	1	JELLISON	1944	NE	NE	SW	19	13	S	14	W	98.91987	38.90654	1762	3543	-1781	ARB	3575	32	GR	WASH/GR	1				
KS	RS	57	GORE(PALMER)	2	BORRELL	1934	SE	SE	NE	21	13	S	14	W	98.87387	38.9083	1844	3581	-1737	REA	3614	33	GR	WASH/GR	1				
KS	RS	58	NCR4	1	BORRELL	1957	C	E2	21	13	S	14	W	98.87735	38.9074	1849	3586	-1737	REA	3597	11	GR	WASH/GR	1					
KS	RS	59	MAI	4A	FOX	1953	E2	SE	SE	22	13	S	14	W	98.85674	38.90195	1838	3472	-1634	ARB	3482	10	GR		1				
KS	RS	60	EL DORADO	9	SCHAFER	1955	N2	NW	SW	27	13	S	14	W	98.87061	38.89193	1849	3481	-1632	REA	3504	23	GR		1				
KS	RS	61	EMPIRE	3	EHRICH	1935	SE	SE	SE	28	13	S	14	W	98.87384	38.88648	1859	3415	-1556	REA	3520	105	GR-PEG		1		CUTTINGS	GOOD	MD
KS	RS	62	PHILLIPS	1	DOWNS	1936	NE	SE	NW	30	13	S	14	W	98.91991	38.89565	1836	3585	-1749	REA	3624	39	GR		1		CUTTINGS	POOR	SM
KS	RS	63	MURFIN	4	BROWN	1951	SW	SE	SE	31	13	S	14	W	98.91308	38.87196	1858	3456	-1598	ARB	3457	1	GR		1		CUTTINGS	POOR	MD
KS	RS	64	SKELLY	3	BOXBERGER	1948	SW	NW	NE	33	13	S	14	W	98.88078	38.88286	1864	3406	-1542	REA	3481	75	GR	WASH/GR	1				
KS	RS	65	JONES SHELBU	1	LANHOLTZ	1956	NE	SE	NW	34	13	S	14	W	98.8651	38.88106	1848	349											

KS	RS	76	HEATHMAN	1	MERMIS	1950	SW	SW	NE	32	13	S	15	W	99.0103	38.87899	1905	3328	REGAMBREA	3357	35	GR	1	
KS	RS	77	HOME STAKE	170-	MERMIS C	1963	C	NW	SE	32	13	S	15	W	99.00916	38.8763	1909	3353	-1444	REA	3355	2	GR WASH	0
KS	RS	78	MELTZER	28	MERMIS	1963	S2	SE	NW	32	13	S	15	W	99.01376	38.879	1901	3309	-1408	PEN	3346	37	GR WASH	0
KS	RS	79	MIDWEST	34	MERMIS	1930	SW	SE	NW	32	13	S	15	W	99.01494	38.879	1905	3340	-1435	REA	3356	16	GR	1
KS	RS	80	PHIL HAN	1	MERMIS	1949	SW	NW	SE	32	13	S	15	W	99.01034	38.8754	1906	3309	-1403	PEN	3318	9	GR WASH/GR	1
KS	RS	81	STANOLIND	1A	MERMIS	1928	NE	NW	SE	32	13	S	15	W	99.00799	38.87719	1911	3325	-1414	REA	3326	1	GR WASH	0
KS	RS	82	HOME STAKE	270-	CARTER G	1963	C	SE	SW	33	13	S	15	W	98.99527	38.87273	1887	3291	-1404	PEN	3313	22	GR WASH	0
KS	RS	83	HOME STAKE	160-	LINENBR	1962	C	NE	SW	33	13	S	15	W	98.99524	38.87633	1897	3372	-1475	REA	3382	10	GR WASH/GR	1
KS	RS	84	BRIDGEPORT	9	MERMIS	1937	NE	SE	SW	33	13	S	15	W	98.9941	38.87363	1895	3284	-1389	REA	3325	41	GR	1
KS	RS	85	KEYS	12	MERMIS	1928	NW	SW	SW	33	13	S	15	W	99.00106	38.87361	1901	3299	-1298	PEN	3328	29	GR	1
KS	RS	86	ADDIS	7B	MILLS	1963	SE	SW	SE	33	13	S	15	W	98.98949	38.87184	1900	3305	-1405	PEN	3355	50	GR	1
KS	RS	87	BRIDGEPORT	3B	MILLS	1937	SW	SE	SE	33	13	S	15	W	98.98717	38.87185	1901	3305	-1404	PEN	3330	25	GR WASH	0
KS	RS	88	BRIDGEPORT	5B	MILLS	1939	SE	SE	SE	33	13	S	15	W	98.98486	38.87185	1896	3347	-1451	PEN	3351	4	GR	1
KS	RS	89	KEYS	13	MILLS	1931	SW	SW	SE	33	13	S	15	W	98.99181	38.87183	1893	3297	-1404	PEN	3353	56	GR WASH	0
KS	RS	90	CITIES SERVIC	2C	MARSH	1950	S2	NE	SW	29	14	S	12	W	98.68089	38.80325	1670	3400	-1730	REA	3432	32	GR WASH/GR	1
KS	RS	91	GULF	5	HEARD	1948	SE	SW	SW	30	14	S	12	W	98.70296	38.79934	1688	3323	-1635	ARB	3325	2	GR	1
KS	RS	92	MAGNOLIA	5	TRAPP	1942	N2	NW	NE	31	14	S	12	W	98.69487	38.79771	1659	3246	-1587	REA	3281	35	GR	1
KS	RS	93	HERSHBERGER	3	BORELL	1968	S2	S2	NE	32	14	S	12	W	98.67397	38.79238	1721	3320	-1599	ARB	3321	1	GRAN.	1
KS	RS	94	TEXAS	11	MOHL	1953	SW	SE	SE	18	14	S	13	W	98.80276	38.82835	1812	3342	-1530	REA	3367	25	GR WASH/GR	1
KS	RS	95	CORALENA	1	EHRlich	1939	SW	SE	SW	19	14	S	13	W	98.81172	38.81377	1762	3168	-1406	LKC	3188	20	GR	1
KS	RS	96	CRA	6	EHRlich	1950	SW	NE	SE	19	14	S	13	W	98.80273	38.81744	1783	3204	-1421	LKC	3216	12	GR WASH/GR	1
KS	RS	97	CRA	7	EHRlich	1947	NE	SE	SE	19	14	S	13	W	98.80048	38.81562	1780	3183	-1403	PEN	3234	51	GR WASH	0
KS	RS	98	C.R.A.	16	EHRlich	1965	S2	NE	SW	19	14	S	13	W	98.81062	38.81742	1782	3186	-1404	LKC	3193	7	GR WASH	0
KS	RS	99	C.R.A.	17	EHRlich	1965	SE	SE	SW	19	14	S	13	W	98.80948	38.81378	1765	3246	-1481	MAR	3275	29	DIORITE	3
KS	RS	100	CRA	18	EHRlich	1965	C	SW	SW	19	14	S	13	W	98.81286	38.81651	1763	3168	-1405	LKC	3170	2	GR WASH	0
KS	RS	101	C.R.A.	19	EHRlich	1966	NW	SW	SE	19	14	S	13	W	98.80724	38.81561	1765	3178	-1413	MAR	3186	8	GR WASH	0
KS	RS	102	CITIES SERVIC	1	PHINNEY	1938	SE	SE	SE	19	14	S	13	W	98.80048	38.8138	1759	3162	-1403	LKC	3290	128	GR	1
KS	RS	103	EL DORADO	3	REIN	1949	NW	NW	NW	20	14	S	13	W	98.79823	38.82653	1803	3330	-1527	REA	3340	10	GR WASH/GR	1
KS	RS	104	SHIELDS	1C	ROGG	1947	SE	SE	SE	20	14	S	13	W	98.78192	38.81384	1766	3260	-1494	REA	3262	2	GR	1
KS	RS	105	MAI	7	SHERWOOD	1966	NE	NW	NW	21	14	S	13	W	98.7773	38.82657	1803	3368	-1565	REA	3465	97	WEA GR	1
KS	RS	106	TEXAS	12	GOODHEAR	1951	NE	SW	SE	25	14	S	13	W	98.7122	38.80107	1678	3284	-1606	ARB	3291	7	GR WASH	0
KS	RS	107	TEXAS	14	GOODHEAR	1954	NE	SE	SE	25	14	S	13	W	98.70757	38.80106	1709	3302	-1593	ARB	3329	27	GR WASH/GR	1
KS	RS	108	CONTINENTAL	8	LETSCH	1945	SE	SE	SW	26	14	S	13	W	98.74002	38.79938	1679	3208	-1529	REA	3260	52	GR WASH	0
KS	RS	109	MID CONTINENT	5	LETSCH	1944	SE	SE	NW	26	14	S	13	W	98.73535	38.80659	1697	3334	-1637	REA	3335	1	GR	1
KS	RS	110	BRADEN MCCLU	3	OPDYCKE	1948	NW	NW	NW	29	14	S	13	W	98.79817	38.81199	1764	3216	-1452	REA	3217	1	GR	1
KS	RS	111	CITIES SERVIC	1	OPDYCKE	1941	S2	NE	NW	29	14	S	13	W	98.79234	38.81018	1761	3219	-1458	REA	3252	33	WEA GR/GR	1
KS	RS	112	SKELLY	3	OPDYCKE	1938	SW	SW	NW	29	14	S	13	W	98.7981	38.80653	1741	3143	-1402	LKC	3243	100	GN	6
KS	RS	113	SINCLAIR	6	ROGG	1952	N2	SE	SE	29	14	S	13	W	98.78296	38.80115	1737	3248	-1511	REA	3263	15	GR WASH	0
KS	RS	114	HALL	4	MILLER	1938	SW	SW	SE	30	14	S	13	W	98.80721	38.79927	1752	3155	-1403	LKC	3163	8	GR WASH	0
KS	RS	115	HALL	8	MILLER	1942	SW	SW	SW	30	14	S	13	W	98.81639	38.79929	1717	3119	-1402	LKC	3155	36	GR WASH/GR	1
KS	RS	116	HALL	9	MILLER	1937	NW	SW	SW	30	14	S	13	W	98.81637	38.80109	1739	3150	-1411	LKC	3160	10	GR WASH	0
KS	RS	117	HALL	30	MILLER	1941	N2	NW	SE	30	14	S	13	W	98.80608	38.80471	1720	3130	-1410	LKC	3156	26	GR WASH	0
KS	RS	118	CRA	16	PHINNEY	1957	C	NW	NE	30	14	S	13	W	98.80609	38.81107	1765	3164	-1399	LKC	3186	22	GR WASH/GR	1
KS	RS	119	CRA(CORALENA	9	PHINNEY	1941	SW	SE	NE	30	14	S	13	W	98.80267	38.80653	1749	3150	-1401	LKC	3180	30	GR WASH	0
KS	RS	120	CITIES SERVIC	3D	MILLER	1948	S2	NW	SE	31	14	S	13	W	98.80595	38.78837	1698	3099	-1401	REA	3118	19	QT	7
KS	RS	121	TEXAS	2	SCHNOOR	1937	NW	NE	SW	31	14	S	13	W	98.81178	38.7902	1738	3122	-1384	LKC	3147	25	MI-SC/QT	8
KS	RS	122	TEXAS	5	SCHNOOR	1948	SE	SE	SW	31	14	S	13	W	98.80943	38.78474	1703	3150	-1447	LKC	3173	23	QT	7
KS	RS	123	DARBY	1	LETSCH	1936	SE	NE	NW	34	14	S	13	W	98.75386	38.79575	1703	3227	-1524	REA	3265	38	WEA GR/GR	1
KS	RS	124	DERBY	8	WEINMEIST	1948	SE	NW	NW	36	14	S	13	W	98.72141	38.79567	1710	3276	-1566	REA	3296	20	WEA GR	1
KS	RS	125	KEYSTONE	2	BOXBERGER	1960	NE	SW	NW	2	14	S	14	W	98.85073	38.86649	1826	3320	-1494	ARB	3321	1	GR	1
KS	RS	126	CRA	6W	BOXBERGER	1951	S2	NE	SW	3	14	S	14	W	98.86584	38.86097	1824	3325	-1501	REA	3397	72	GR WASH	0
KS	RS	127	CITIES SERVIC	1C	BOXBERGER	1944	NE	SE	SW	4	14	S	14	W	98.88326	38.85912	1862	3350	-1488	PEN	3355	5	GR WASH	0
KS	RS	128	DREILING	2	KRUG	1962	C	SE	SE	4	14	S	14	W	98.87744	38.86003	1835	3319	-1484	REA	3339	20	GR WASH	0
KS	RS	129	MILLER	1	BROWN	1957	NE	NE	SE	6	14	S	14	W	98.91092	38.86281	1877	3515	-1638	REA	3542	27	GR	1
KS	RS	130	PHIL HAN	1B	BROWN EST	1947	NE	NE	NE	6	14	S	14	W	98.91081	38.87013	1859	3338	-1479	REA	3345	7	GR WASH	0
KS	RS	131	ASH SMITH	1A	BROWN	1951	NE	SE	NE	7	14	S	14	W	98.91102	38.85186	1899	3346	-1447	REA	3353	7	QT	7
KS	RS	132	ASH SMITH	1A	ANSCHUTZ	1950	NW	NW	NW	8	14	S	14	W	98.90871	38.85549	1893	3367	-1474	PEN	3376	9	QT	7
KS	RS	133	SCHMIDT	2	ANSCHUTZ	1970	SW	SE	NE	8	14	S	14	W	98.89491	38.85004	1869	3294	-1425	LAN	3328	34	QT	7
KS	RS	134	HINKLE	1	KRUG	1939	SE	SE	SW	8	14	S	14	W	98.90186	38.84277	1884	3308	-1424	LKC	3328	20	QT	7
KS	RS	135	BILLINGS	5	KRUG(TWIN	1948	SE	SE	SW	8	14	S	14	W	98.90186	38.84277	1884	3307	-1423	PEN	3313	6	QT	7
KS	RS	136	B&R	1	BRANDENBU	1970	SE	NE	NW	9	14	S	14	W	98.88331	38.85364	1869	3326	-1457	MAR	3332	6	GR WASH	0
KS	RS	137	LEBEN	1	KRUG	1963	S2	S2	SW	9	14	S	14	W	98.87991	38.84269	1863	3282	-1419	PEN	3285	3	GR WASH	0
KS	RS	138	STEARNS	2	OLSON	1944	NE	SE	NW	9	14	S	14	W	98.88332	38.85182	1867	3316	-1449	PEN	3332	16	GR WASH	0
KS	RS	139	LEBEN	1	WILLIAMS	1961	SE	SE	SW	9	14	S	14	W	98.88338	38.84272	1871	3254	-1383	PEN	3291	37	GR WASH/GR	1
KS	RS																							

KS	RS	145	HARTMAN	1	HILDEBRAN	1935	NW	NE	SW	12	14	S	14	W	98.83001	38.84831	1769	332	REAR	3345	16	GR	1	
KS	RS	146	HARTMAN BLAIR	2D	BOXBERGER	1940	E2	SE	SE	14	14	S	14	W	98.83708	38.82924	1816	3298	-1482	PEN	3299	1	QT	7
KS	RS	147	HAYNES	8B	BOXBERGER	1958	NW	SE	NE	14	14	S	14	W	98.83939	38.8374	1815	3380	-1565	REA	3388	8	GR	1
KS	RS	148	UNITED DRILLI	2	BOXBERGER	1954	SW	NW	SW	14	14	S	14	W	98.85349	38.83189	1835	3231	-1396	LKC	3237	6	GR WASH	0
KS	RS	149	B AND R	1B	BOXBERGER	1946	NE	SW	NE	15	14	S	14	W	98.86033	38.83728	1849	3261	-1412	LKC	3270	9	GR WASH	0
KS	RS	150	CITIES SERVIC	1D	BOXBERGER	1944	SW	SW	NE	15	14	S	14	W	98.86268	38.83545	1852	3259	-1407	LKC	3262	3	GR WASH	0
KS	RS	151	OKMAR	1D	BOXBERGER	1967	S2	SE	NW	15	14	S	14	W	98.86616	38.83543	1856	3261	-1405	LKC	3269	8	GR	1
KS	RS	152	CRA (CORALEN	1	FINK	1943	C	SE	SW	15	14	S	14	W	98.86629	38.82908	1876	3290	-1414	LKC	3308	18	GR WASH	0
KS	RS	153	CRA	16-	FINK	1964	C	SW	SW	15	14	S	14	W	98.86858	38.83088	1876	3274	-1398	LKC	3307	33	GR WASH	0
KS	RS	154	C.R.A.	4	FINK	1965	NW	NE	SW	15	14	S	14	W	98.86736	38.8336	1863	3266	-1403	MAR	3288	22	GR WASH	0
KS	RS	155	GULF	2	FINK	1943	C	SW	SE	15	14	S	14	W	98.86166	38.82911	1856	3259	-1403	PEN	3266	7	GR WASH	0
KS	RS	156	GULF	3	FINK	1943	C	NE	SE	15	14	S	14	W	98.85696	38.83278	1840	3241	-1401	PEN	3245	4	WEA GR	1
KS	RS	157	GULF	4	FINK	1943	C	NW	SE	15	14	S	14	W	98.86159	38.83274	1852	3254	-1402	PEN	3258	4	GR	1
KS	RS	158	HARTMAN BLAIR	1	FINK	1935	SW	SW	SW	15	14	S	14	W	98.8721	38.82814	1900	3305	-1405	PEN	3391	86	GR WASH/GR	1
KS	RS	159	ADDIS	1	BOXBERGER	1960	NW	SW	NE	16	14	S	14	W	98.88113	38.83725	1884	3291	-1407	MAR	3311	20	GR WASH	0
KS	RS	160	ADDIS	2C	BOXBERGER	1960	SW	NW	NE	16	14	S	14	W	98.88112	38.83907	1879	3286	-1407	MAR	3290	4	GR WASH	0
KS	RS	161	ADDIS	3C	BOXBERGER	1960	E2	W2	NE	16	14	S	14	W	98.87881	38.83814	1878	3282	-1404	MAR	3290	8	GR WASH	0
KS	RS	162	ADDIS	4C	BOXBERGER	1961	E2	SW	NE	16	14	S	14	W	98.87885	38.83633	1877	3280	-1403	PEN	3285	5	GR WASH	0
KS	RS	163	ADDIS	5C	BOXBERGER	1961	V2	NE	NE	16	14	S	14	W	98.87647	38.83994	1877	3281	-1404	PEN	3286	5	GR WASH	0
KS	RS	164	ADDIS	6C	BOXBERGER	1961	NE	NW	NE	16	14	S	14	W	98.87877	38.84086	1874	3279	-1405	PEN	3316	37	GR WASH	0
KS	RS	165	JONES SHELBU	1	BOXBERGER	1950	SE	NE	NE	16	14	S	14	W	98.87418	38.83901	1863	3315	-1452	PEN	3390	75	GR WASH	0
KS	RS	166	JAYHAWK	8	COADY	1964	N2	NE	SW	16	14	S	14	W	98.88463	38.83364	1892	3298	-1406	LKC	3305	7	GR WASH	0
KS	RS	167	SHUMAKER	2B	COADY	1955	NE	SE	SW	16	14	S	14	W	98.88352	38.83	1873	3275	-1402	PEN	3295	20	GR WASH	0
KS	RS	168	SHUMAKER	5B	COADY	1959	SE	NE	SW	16	14	S	14	W	98.8835	38.83182	1884	3290	-1406	PEN	3310	20	GR WASH	0
KS	RS	169	SHUMAKER	6	COADY	1960	SW	NE	SW	16	14	S	14	W	98.8858	38.83183	1875	3289	-1414	MAR	3295	6	GR WASH	0
KS	RS	170	SHUMAKER EST	7	COADY	1961	NE	SW	SW	16	14	S	14	W	98.88809	38.83002	1870	3284	-1414	PEN	3290	6	GR WASH	0
KS	RS	171	AYLWARD	1	FINK	1965	E2	SW	SE	16	14	S	14	W	98.87895	38.82907	1890	3293	-1403	LKC	3296	3	GR WASH	0
KS	RS	172	CRA	1A	FINK	1959	SE	NW	SE	16	14	S	14	W	98.87891	38.83179	1897	3293	-1396	LKC	3316	23	GR WASH/GR	1
KS	RS	173	CRA	3	FINK	1947	SW	SE	SE	16	14	S	14	W	98.87668	38.82815	1887	3300	-1413	LKC	3306	6	GR	1
KS	RS	174	HARTMAN BLAIR	1	FINK	1934	SW	NW	SE	16	14	S	14	W	98.8812	38.8318	1897	3318	-1421	PEN	3479	161	SC	8
KS	RS	175	HAYNES ANSCH	1	FINK	1940	SW	SW	SE	16	14	S	14	W	98.88126	38.82817	1879	3280	-1401	PEN	3282	2	GR WASH	0
KS	RS	176	SHUMAKER	1B	FINK	1955	NW	SW	SE	16	14	S	14	W	98.88123	38.82999	1884	3287	-1403	LKC	3316	29	GR WASH	0
KS	RS	177	PALMER	1	HILL	1946	NW	NW	SW	16	14	S	14	W	98.89037	38.83368	1869	3299	-1430	PEN	3307	8	GR WASH	0
KS	RS	178	PHIL HAN	1	HILL	1939	SE	SW	SW	16	14	S	14	W	98.8881	38.82821	1859	3280	-1421	PEN	3350	70	GR WASH/GR	1
KS	RS	179	LEBEN	3	RUSCH	1963	NW	NE	NW	16	14	S	14	W	98.88572	38.84092	1881	3298	-1417	PEN	3303	5	GR WASH	0
KS	RS	180	MINGENBACH	1	RUSCH	1944	NE	NE	NW	16	14	S	14	W	98.88341	38.8409	1875	3290	-1415	PEN	3332	42	PK GR	1
KS	RS	181	LEBEN	1	SOLBACH	1959	SW	SE	NW	16	14	S	14	W	98.88576	38.83546	1889	3299	-1410	LKC	3305	6	GR WASH	1
KS	RS	182	ARMSTRONG&J	1	KRUG	1968	NW	NW	NE	17	14	S	14	W	98.89957	38.84095	1884	3314	-1430	REA	3333	19	QUARTZITE	7
KS	RS	183	JONES SHELBU	1B	KRUG	1950	NW	NW	NW	17	14	S	14	W	98.90878	38.84094	1886	3324	-1438	PEN	3349	25	QT	7
KS	RS	184	KIM	1	KRUG	1962	SE	SW	NW	17	14	S	14	W	98.90649	38.8355	1877	3313	-1436	PEN	3326	13	GR WASH	0
KS	RS	185	LEBEN	3	KRUG	1970	S2	NW	NE	17	14	S	14	W	98.89841	38.83914	1883	3335	-1452	ARB	3338	3	QT	7
KS	RS	186	TILCO	1	KRUG	1970	NW	NE	NE	17	14	S	14	W	98.89496	38.84096	1884	3330	-1446	REA	3335	5	QT	7
KS	RS	187	OKMAR	1A	KRUG(TWIN	1966	SW	SW	NW	17	14	S	14	W	98.90881	38.8355	1883	3316	-1433	REA	3329	13	QT	7
KS	RS	188	EMPIRE	1	VAUGHN	1946	SW	SW	SW	17	14	S	14	W	98.90884	38.82825	1861	3224	-1363	PEN	3247	23	QT	7
KS	RS	189	CITIES SERVIC	4	VAUGHN	1945	SW	NW	SW	17	14	S	14	W	98.90883	38.83187	1879	3280	-1401	PEN	3300	20	QT	7
KS	RS	190	CITIES SERVIC	5	VAUGHN	1946	NW	NW	SW	17	14	S	14	W	98.90881	38.83369	1876	3271	-1395	PEN	3305	34	QT	7
KS	RS	191	OKMAR	7	VAUGHN	1966	E2	NW	SW	17	14	S	14	W	98.90652	38.83278	1863	3305	-1442	MAR	3321	16	QT	7
KS	RS	192	OKMAR	8	VAUGHN	1966	W2	SE	SW	17	14	S	14	W	98.90422	38.82915	1852	3290	-1438	MAR	3310	20	QT	7
KS	RS	193	NIXON	1	CARROLL	1956	SE	SE	NW	18	14	S	14	W	98.92024	38.83561	1871	3305	-1434	REA	3310	5	QT	7
KS	RS	194	PHILLIPS	1	CARROLL	1947	SE	SE	SE	18	14	S	14	W	98.91115	38.82826	1875	3187	-1312	LKC	3195	8	QT	7
KS	RS	195	PHILLIPS	3	CARROLL	1947	NE	SE	SE	18	14	S	14	W	98.91114	38.83007	1880	3171	-1291	LCK	3186	15	QT	7
KS	RS	196	PHILLIPS	4	CARROLL	1947	SE	NE	SE	18	14	S	14	W	98.91113	38.83189	1882	3233	-1351	PEN	3247	14	WEA QT/QT	7
KS	RS	197	PHILLIPS	3	CARRIE	1945	SE	NW	N	18	14	S	14	W	98.92137	38.83925	1871	3309	-1438	ARB	3320	11	GR WASH	0
KS	RS	198	LEBOW	3	REINHARDT	1949	NW	SW	SE	19	14	S	14	W	98.91808	38.81562	1829	3475	-1646	REA	4038	563	GR WASH	0
KS	RS	199	NATIONAL	1D	REINHARDT	1946	NE	NE	NE	19	14	S	14	W	98.91115	38.82645	1872	3227	-1355	PEN	3228	1	QT	7
KS	RS	200	NATIONAL	4D	REINHARDT	1946	NE	SE	NE	19	14	S	14	W	98.91114	38.82282	1859	3297	-1438	PEN	3302	5	QT	7
KS	RS	201	C.R.A.	3	BRANDENBG	1966	NW	NE	SW	20	14	S	14	W	98.90424	38.81916	1857	3222	-1365	LKC	3230	8	QT	7
KS	RS	202	TEXAS	9	BRANDENBG	1955	SE	NW	NW	20	14	S	14	W	98.90653	38.82462	1853	3184	-1331	LKC	3256	72	QT	7
KS	RS	203	CENTRAL PET	1	CRISMAN	1939	SW	NW	NE	20	14	S	14	W	98.89961	38.8246	1872	3331	-1459	MAR	3335	4	GR	1
KS	RS	204	CITIES SERVIC	1E	MILLER	1938	NW	NW	SE	20	14	S	14	W	98.89964	38.81915	1851	3268	-1417	LKC	3283	15	QT	7
KS	RS	205	SHARON	1	MILLER	1946	SW	NW	SE	20	14	S	14	W	98.89964	38.81733	1842	3243	-1401	LKC	3252	9	QT	7
KS	RS	206	TEXAS	1A	RUSCH	1955	W2	SW	SE	20	14	S	14	W	98.89964	38.8146	1839	3278	-1439	REA	3279	1	QT	7
KS	RS	207	MARTIN	1	BECKER	1946	SE	SE	SW	21	14	S	14	W	98.88362	38.81364	1868	3330	-1462	MAR	3345	15	GR WASH	0
KS	RS	208	FRONTIER	1	BOXBERGER	1957	NE	NE	NW	21	14	S	14	W	98.88355	38.82637	1869	3275	-1406	LKC	3282	7	GR	1
KS	RS	209</																						

KS	RS	214	SUNRAY DX	5	BOXBERGERI968	W2	W2	SE	22	14	S	14	W	98.86292	38.8164	1846	3206	-1393 LNC	3295	60	GR	WASH	0							
KS	RS	215	TEXAS	5B	BOXBERGERI947	SV	NE	NE	22	14	S	14	W	98.85824	38.8246	1837	3230	-1393 LKC	3255	25	GR	WASH	0							
KS	RS	216	AYLWARD	4	HOLL	1939	SW	SW	SW	22	14	S	14	W	98.87218	38.81364	1846	3235	-1389 PEN	3365	130	SC-GN	6		CUTTINGS	RS-216	GOOD	SM		
KS	RS	217	DUKE WOOD	1	HOLL	1952	E2	E2	NW	22	14	S	14	W	98.86519	38.82365	1876	3270	-1394 LKC	3296	26	GR	WASH	0						
KS	RS	218	DUKE WOOD	4	HOLL	1953	S2	NW	NW	22	14	S	14	W	98.87097	38.82452	1898	3290	-1392 LKC	3320	30	GR	WASH	0						
KS	RS	219	GYPsy	1	GURNEY	1935	NW	NW	SE	23	14	S	14	W	98.84421	38.81919	1807	3195	-1388 LKC	3230	35	GR	1							
KS	RS	220	HARTMAN BLAIR	2	GURNEY	1939	NW	NE	NW	23	14	S	14	W	98.84886	38.82646	1818	3220	-1402 LKC	3302	82	GR	1		CUTTINGS		FAIR	MD		
KS	RS	221	HARTMAN BLAIRB	B	GURNEY	1941	SE	NW	SE	23	14	S	14	W	98.84187	38.81738	1800	3218	-1418 LKC	3248	30	GR	WASH	0						
KS	RS	222	TEXAS	2	GURNEY	1936	NW	SW	NE	23	14	S	14	W	98.84418	38.82284	1804	3206	-1402 LKC	3241	35	GR	1							
KS	RS	223	GORE	5B	GURNEY	1948	SW	NW	SE	23	14	S	14	W	98.84422	38.81737	1810	3200	-1390 LKC	3268	68	GR	WASH	0						
KS	RS	224	GORE NCRA	6B	GURNEY	1952	S2	NE	SE	23	14	S	14	W	98.83833	38.81739	1793	3194	-1401 LKC	3255	61	GR	WASH/GR	1						
KS	RS	225	SKELLY	2	GURNEY	1936	SW	SE	SW	23	14	S	14	W	98.84895	38.81371	1817	3210	-1393 LKC	3268	58	GN	6		CUTTINGS/P	RS-225	FAIR	MD		
KS	RS	226	HERMAN KRUG	1	KRUG	1968	NW	SE	SW	23	14	S	14	W	98.84895	38.81554	1820	3210	-1390 MAR	3212	2	GR	WASH	0						
KS	RS	227	CITIES SERVIC	2A	EBEL	1940	S2	SE	SW	24	14	S	14	W	98.829	38.81376	1772	3174	-1402 LKC	3188	14	GR	WASH	0						
KS	RS	228	CITIES SERVIC	4A	EBEL	1947	SE	NE	SW	24	14	S	14	W	98.82784	38.8174	1774	3171	-1397 LKC	3186	15	GR	WASH	0						
KS	RS	229	CITIES SERVIC	5A	EBEL	1950	NE	SW	SW	24	14	S	14	W	98.83249	38.81557	1794	3193	-1399 LKC	3203	10	GR	WASH	0		CUTTINGS		GOOD	SM	
KS	RS	230	CITIES SERVIC	6A	EBEL	1952	SE	NW	SW	24	14	S	14	W	98.83249	38.81739	1797	3197	-1400 LKC	3202	5	GR	WASH	0						
KS	RS	231	CITIES SERVIC	7A	EBEL	1952	NE	NW	SW	24	14	S	14	W	98.83248	38.81922	1795	3192	-1397 LKC	3195	3	GR	WASH	0						
KS	RS	232	CITIES SERVIC	A 10	EBEL	1960	S2	S2	SW	24	14	S	14	W	98.83133	38.81375	1775	3178	-1403 LKC	3198	20	GR	WASH	0						
KS	RS	233	CITIES SERVIC	4B	EBEL	1941	N2	S2	SE	24	14	S	14	W	98.82434	38.81558	1754	3154	-1400 LKC	3364	210	ALT	BASALT	5		CUTTINGS	RS-233	PC-85	POOR	MD
KS	RS	234	CITIES SERVIC	8B	EBEL	1950	S2	NW	SE	24	14	S	14	W	98.82433	38.81741	1738	3137	-1399 LKC	3140	3	GR	WASH	0						
KS	RS	235	CITIES SERVIC	B 11	EBEL	1961	NW	NE	SE	24	14	S	14	W	98.82085	38.81923	1758	3153	-1395 LKC	3164	11	GR	WASH	0						
KS	RS	236	CITIES SERVIC	B 23	EBEL	1961	NE	SE	SE	24	14	S	14	W	98.81851	38.81559	1737	3134	-1397 PEN	3136	2	GR	WASH	0						
KS	RS	237	EMPIRE	1	EBEL	1936	SW	SW	SW	24	14	S	14	W	98.83482	38.81375	1786	3188	-1402 LKC	3280	92	BIO-GR	1		CUTTINGS		FAIR	SM		
KS	RS	238	SHELL	2	DUMLER	1944	C	SW	NW	24	14	S	14	W	98.83363	38.82195	1800	3238	-1438 PEN	3251	13	GR	1							
KS	RS	239	MURFIN	7	WEIMASTER1965	S2	NW	NE	24	14	S	14	W	98.82433	38.8247	1737	3172	-1435 REA	3174	2	QT	7								
KS	RS	240	CITIES SERVIC	2	HICKEY	1961	W2	SW	SE	25	14	S	14	W	98.82562	38.80019	1746	3134	-1388 LKC	3214	80	GR	WASH/GR	1		CUTTINGS		POOR	MD	
KS	RS	241	CITIES SERVIC	3	HICKEY	1961	N2	NE	SE	25	14	S	14	W	98.81979	38.80471	1760	3150	-1390 LKC	3197	47	GR	WASH	0						
KS	RS	242	CITIES SERVIC	4	HICKEY	1941	N2	NW	SE	25	14	S	14	W	98.82442	38.80471	1765	3165	-1400 LKC	3192	27	GR	1							
KS	RS	243	CITIES SERVIC	5	HICKEY	1941	S2	NW	SE	25	14	S	14	W	98.82445	38.8029	1748	3138	-1390 LKC	3226	88	GR	1	1450	15	3	CUTTINGS/POWDER		GOOD	MD
KS	RS	244	CITIES SERVIC	6	HICKEY	1952	SE	NE	SE	25	14	S	14	W	98.81865	38.80291	1741	3128	-1387 LKC	3134	6	GR	WASH	0						
KS	RS	245	SKELLY	8	REIN	1948	S2	NE	SW	25	14	S	14	W	98.82909	38.8029	1755	3148	-1393 LKC	3151	3	QT	7							
KS	RS	246	SKELLY	9	REIN	1941	N2	NE	SW	25	14	S	14	W	98.82906	38.80471	1746	3135	-1389 LKC	3145	10	GR	1							
KS	RS	247	STANOLIND	2	REIN	1938	SE	NW	NW	25	14	S	14	W	98.83252	38.81012	1777	3170	-1393 LKC	3252	82	ARKOSE	9		CUTTINGS					
KS	RS	248	STANOLIND	4	REIN	1940	S2	SW	NW	25	14	S	14	W	98.8337	38.80651	1769	3158	-1389 LKC	3223	65	GR	1		CUTTINGS/POWDER					
KS	RS	249	STANOLIND	5	REIN	1943	N2	NE	NW	25	14	S	14	W	98.82901	38.81194	1775	3177	-1402 LKC	3181	4	GR	WASH	0						
KS	RS	250	STANOLIND	7	REIN	1941	S2	SE	NW	25	14	S	14	W	98.82904	38.80651	1763	3155	-1392 LKC	3233	78	GR	1		CUTTINGS			FAIR	SM	
KS	RS	251	STANOLIND	8	REIN	1941	NE	SE	NW	25	14	S	14	W	98.82787	38.80832	1770	3164	-1394 LKC	3236	72	GR	1		CUTTINGS			FAIR	SM	
KS	RS	252	STANOLIND	9	REIN	1944	W2	E2	NW	25	14	S	14	W	98.83018	38.80923	1772	3162	-1390 LKC	3245	83	GR	GN	6		CUTTINGS	RS-252	PC-62A,B	FAIR	SM
KS	RS	253	HARTMAN BLAIR	5	BOXBERGERI941	SE	NW	NE	26	14	S	14	W	98.84189	38.81011	1791	3182	-1391 LKC	3321	139	GR	WASH	0							
KS	RS	254	HAYS SACKRIDE	2	BOXBERGERI937	SE	SW	SE	26	14	S	14	W	98.84188	38.79926	1772	3154	-1382 LKC	3198	44	GR	WASH	0							
KS	RS	255	HAYS SACKRIDE	1	BOXBERGERI937	SW	SW	SE	26	14	S	14	W	98.84422	38.79925	1775	3160	-1385 LKC	3207	47	GR	1								
KS	RS	256	BILLINGS	4	HERBEL	1939	NW	NW	SW	26	14	S	14	W	98.8536	38.80465	1785	3161	-1376 LKC	3166	5	GR	1							
KS	RS	257	BILLINGS	1B	HERBEL	1936	SE	SE	SW	26	14	S	14	W	98.84655	38.79924	1773	3175	-1402 LKC	3204	29	GR	WASH	0						
KS	RS	258	CITIES SERVIC	1	HERBEL	1930	NW	NE	SW	26	14	S	14	W	98.84892	38.80466	1786	3210	-1424 LKC	3323	113	GR	1							
KS	RS	259	SACO	2B	KRUG	1939	NW	NW	NW	26	14	S	14	W	98.85366	38.81189	1798	3194	-1396 LKC	3250	56	GR	1							
KS	RS	260	TRANS ERA	1B	KRUG	1953	NW	SW	NW	26	14	S	14	W	98.85363	38.80827	1796	3195	-1399 LKC	3232	37	GR	WASH	0						
KS	RS	261	DRISCOLL	1	DRISCOLL	1955	E2	SE	SW	27	14	S	14	W	98.8651	38.80006	1806	3226	-1420 LKC	3234	8	GR	WASH	0						
KS	RS	262	PAN AMERICAN	1	DRISCOLL	1969	NW	NW	SW	27	14	S	14	W	98.87207	38.80457	1802	3280	-1478 MAR	3286	6	GR	WASH	0						
KS	RS	263	STANOLIND	3B	KRUG	1940	S2	N2	SE	27	14	S	14	W	98.85936	38.80281	1795	3162	-1367 PEN	3360	198	QT	7		CUTTINGS	RS-263	PC-66	FAIR	SM	
KS	RS	264	STANOLIND	4B	KRUG	1940	N2	SE	SE	27	14	S	14	W	98.85705	38.80101	1788	3169	-1381 LKC	3185	16	QT	7							
KS	RS	265	STEARN	1	KRUG	1948	SE	SE	SE	27	14	S	14	W	98.85588	38.79921	1782	3205	-1423 PEN	3240	35	WEA	GR	1						
KS	RS	266	CLINTON	7C	OLSON	1971	N2	SW	NW	27	14	S	14	W	98.87096	38.8082	1829	3151	-1322 MAR	3185	34	QT	7							
KS	RS	267	PAN AMERICAN	7B	OLSON	1969	NW	SE	NE	28	14	S	14	W	98.87671	38.8082	1821	3318	-1497 PEN	3365	47	P	C							
KS	RS	268	PAN AMERICAN	8B	OLSON	1969	NE	NW	NE	28	14	S	14	W	98.87905	38.81183	1850	3294	-1444 PEN	3372	78	P	C							
KS	RS	269	WESTGATE GRE	2	RUSCH	1944	W2	SE	NE	29	14	S	14	W	98.89506	38.80733	1811	3332	-1521 REA	3357	25	GR-GN,QT	6							
KS	RS	270	DUKE WOOD	2	REXROAD	1949	NE	NW	SW	30	14	S	14	W	98.92516	38.80482	1818	3429	-1611 REA	3430	1	GR	WASH	0						
KS	RS	271	EL CAPITAN	2A	MAI	1949	SW	NW	NE	34	14	S	14	W	98.86279	38.79555	1802	3333	-1531 PEN	3337										

KS	RS	283	CITIES SERVIC	1C	STRECKER	1937	NE	NW	SW	36	14	S	14	W	98.83246	38.79037	1759	3138	-1387	LKC	3153	23	MI-QT	*	7	CUTTINGS	RS-283	PC-61	GOOD	VSM
KS	RS	284	CITIES SERVIC	2B	STRECKER	1940	W2	NW	NE	36	14	S	14	W	98.82564	38.79659	1751	3138	-1387	LKC	3173	35	GR		1	CUTTINGS			GOOD	VSM
KS	RS	285	CITIES SERVIC	3B	STRECKER	1941	W2	SW	NE	36	14	S	14	W	98.82561	38.79299	1750	3152	-1402	PEN	3160	8	WEA GR		1					
KS	RS	286	CITIES SERVIC	7B	STRECKER	1950	S2	N2	NE	36	14	S	14	W	98.82217	38.79568	1751	3145	-1394	REA	3147	2	GR WASH		0					
KS	RS	287	TEXAS	5	ANSCHUTZ	1937	SW	SW	SW	1	14	S	15	W	98.94542	38.85728	1879	3390	-1511	REA	3394	4	GR		1					
KS	RS	288	TEXAS	11	ANSCHUTZ	1951	E2	E2	SW	1	14	S	15	W	98.93845	38.86009	1867	3365	-1498	REA	3379	14	GR		1					
KS	RS	289	GULF	7	EHRLICH	1937	NE	SE	NW	1	14	S	15	W	98.93837	38.86652	1878	3463	-1585	REA	3475	12	GR GN	*	6	CUTTINGS	RS-289		FAIR	SM
KS	RS	290	CITIES SERVIC	15	CRAWFORD	1937	NE	SE	SW	2	14	S	15	W	98.95712	38.85907	1882	3409	-1527	REA	3423	14	WEA GR		1					
KS	RS	291	HOME STAKE	520-	FOSTER A	1964	C	SW	NW	3	14	S	15	W	98.98141	38.86543	1883	3280	-1397	PEN	3287	7	GR WASH		0					
KS	RS	292	HOME STAKE	38W-	FOSTER A	1964	SW	SW	NW	3	14	S	15	W	98.98262	38.85712	1883	3278	-1395	LKC	3287	9	GR WASH		0					
KS	RS	293	HOME STAKE	39W-	FOSTER B	1964	SW	SW	NE	3	14	S	15	W	98.97332	38.86454	1889	3301	-1412	LKC	3306	5	GR WASH		0					
KS	RS	294	HOME STAKE	48W-	FOSTER B	1964	NW	SE	NE	3	14	S	15	W	98.96867	38.86641	1890	3291	-1401	LKC	3304	13	GR WASH		0					
KS	RS	295	BILLINGS	23	WITT	1936	NE	SW	SW	3	14	S	15	W	98.9803	38.85898	1866	3274	-1408	LKC	3313	39	GR		1					
KS	RS	296	BILLINGS	31	WITT	1936	NE	SE	SW	3	14	S	15	W	98.9757	38.859	1881	3360	-1479	PEN	3371	11	GR		1					
KS	RS	297	BRIDGEPORT	4B	WITT	1936	NE	NE	SW	3	14	S	15	W	98.97566	38.86269	1883	3310	-1427	ARB	3315	5	GR		1					
KS	RS	298	CENTRAL PETR	8	WITT	1936	NW	SW	SE	3	14	S	15	W	98.97339	38.859	1878	3289	-1411	LKC	3319	30	GR		1					
KS	RS	299	HOME STAKE	150-	WITT E	1962	C	NE	SW	3	14	S	15	W	98.97682	38.86176	1884	3286	-1402	LKC	3307	21	GR WASH		0					
KS	RS	300	HOME STAKE	340-	WITT E	1963	C	SE	SW	3	14	S	15	W	98.97686	38.85807	1881	3314	-1433	PEN	3329	15	GR WASH		0					
KS	RS	301	HOME STAKE	41W-	WITT F	1964	NE	SE	SE	3	14	S	15	W	98.96648	38.85903	1879	3284	-1405	LKC	3300	16	GR WASH		0					
KS	RS	302	STANOLIND	6	BENSO	1937	NW	NW	SW	4	14	S	15	W	99.00118	38.86258	1893	3274	-1381	LKC	3400	126	SC	*	8	CUTTINGS	RS-302	PC-69A-D	POOR	SM
KS	RS	303	STANOLIND	7	BENSO	1937	NW	SW	SW	4	14	S	15	W	99.00123	38.85887	1886	3268	-1382	LKC	3407	139	GR		1					
KS	RS	304	STEARNS STRE	1	BENSO	1933	SE	SE	SW	4	14	S	15	W	98.99426	38.85706	1872	3257	-1385	LKC	3279	22	BIO-GR		1					
KS	RS	305	HOME STAKE	180-	DORTLAND	1962	C	NW	NW	4	14	S	15	W	98.99995	38.86907	1895	3292	-1397	PEN	3340	48	GR WASH		0					
KS	RS	306	HOME STAKE	190-	DORTLAND	1962	C	SW	NW	4	14	S	15	W	98.99998	38.86536	1896	3287	-1391	MAR	3348	61	GR WASH		0					
KS	RS	307	HOME STAKE	200-	DORTLAND	1962	C	SE	NW	4	14	S	15	W	98.99535	38.86538	1878	3264	-1386	MAR	3316	52	GR WASH		0					
KS	RS	308	HOME STAKE	530-	DORTLAND	1964	E2	NE	NW	4	14	S	15	W	98.99415	38.86908	1881	3274	-1393	PEN	3286	12	GR WASH		0					
KS	RS	309	RIGGS	2D	DORTLAND	1946	SE	SE	NW	4	14	S	15	W	98.99419	38.86446	1873	3280	-1407	PEN	3285	5	GR		1					
KS	RS	310	ADDIS	6	MILLS	1961	NE	SE	NE	4	14	S	15	W	98.98489	38.86633	1894	3288	-1394	PEN	3318	30	GR WASH		0					
KS	RS	311	BRIDGEPORT	1A	MILLS	1940	N2	NE	NE	4	14	S	15	W	98.98602	38.87002	1898	3299	-1401	PEN	3300	1	GR		1	CUTTINGS			POOR	SM
KS	RS	312	HOME STAKE	560-	MILLS B	1964	SW	SW	NE	4	14	S	15	W	98.99187	38.86447	1876	3265	-1389	LKC	3279	14	GR WASH		0					
KS	RS	313	HOME STAKE	37W-	MILLS B	1964	SE	SW	NE	4	14	S	15	W	98.98955	38.86448	1888	3281	-1393	LKC	3291	10	GR WASH		0					
KS	RS	314	CRA	1F	WITT	1959	C	NE	SW	4	14	S	15	W	98.99538	38.86168	1883	3265	-1382	LKC	3275	10	GR WASH/GR		1					
KS	RS	315	HOME STAKE	140-	WITT D	1962	C	SE	SE	4	14	S	15	W	98.9861	38.85803	1884	3280	-1396	MAR	3300	20	GR WASH		0					
KS	RS	316	HOME STAKE	310-	WITT F	1963	C	SE	SW	4	14	S	15	W	98.99541	38.85798	1878	3267	-1389	PEN	3290	23	GR WASH		0					
KS	RS	317	HOME STAKE	330-	WITT D	1963	C	NE	SE	4	14	S	15	W	98.98608	38.86172	1885	3279	-1394	PEN	3290	11	GR WASH		0					
KS	RS	318	HOME STAKE	28W-	WITT F	1964	SE	SE	SW	4	14	S	15	W	98.99426	38.85706	1872	3270	-1398	LKC	3290	20	GR WASH		0					
KS	RS	319	MIDWEST	33	WITT	1930	SE	SW	SE	4	14	S	15	W	98.98959	38.85709	1874	3260	-1386	LKC	3297	37	GR		1					
KS	RS	320	HOME STAKE	250-	BAXTER C	1963	C	NW	NW	5	14	S	15	W	99.01857	38.86911	1895	3290	-1395	PEN	3302	12	GR WASH		0					
KS	RS	321	BARTON BROS.	1	DORTLAND	1965	N2	NE	SE	5	14	S	15	W	99.00468	38.86259	1895	3275	-1380	LKC	3278	3	GR WASH		0					
KS	RS	322	COOPER	1	DORTLAND	1965	N2	SW	SW	5	14	S	15	W	99.01868	38.859	1871	3279	-1408	LKC	3286	7	GR WASH		0					
KS	RS	323	HOME STAKE	210-	DORTLAND	1963	C	NW	SE	5	14	S	15	W	99.00934	38.86169	1895	3278	-1383	PEN	3287	9	GR WASH		0					
KS	RS	324	HOME STAKE	220-	DORTLAND	1963	C	SE	NW	5	14	S	15	W	99.01395	38.86541	1886	3274	-1388	PEN	3281	7	GR WASH		0					
KS	RS	325	HOME STAKE	450-	DORTLAND	1964	C	NE	SW	5	14	S	15	W	99.01399	38.86173	1887	3269	-1382	LKC	3280	11	GR WASH		0					
KS	RS	326	HOME STAKE	510-	DORTLAND	1964	C	NW	SW	5	14	S	15	W	99.01865	38.86176	1874	3273	-1399	LKC	3308	35	GR WASH		0					
KS	RS	327	HOME STAKE	600-	DORTLAND	1964	C	SW	NW	5	14	S	15	W	99.01861	38.86543	1880	3281	-1401	LKC	3287	6	GR WASH		0					
KS	RS	328	MELTZER	2	DORTLAND	1963	C	SE	SE	5	14	S	15	W	99.00473	38.85796	1885	3267	-1382	PEN	3276	9	GR WASH		0					
KS	RS	329	STANOLIND	D 12	DORTLAND	1948	SW	NE	SW	5	14	S	15	W	99.01517	38.86082	1877	3278	-1401	LKC	3280	2	GR		1					
KS	RS	330	TOM KAT	1	DORTLAND	1965	N2	SW	SE	5	14	S	15	W	99.00938	38.85892	1888	3279	-1391	LKC	3313	34	GR WASH		0					
KS	RS	331	HOME STAKE	680-	MERMIS	1963	C	NW	NE	5	14	S	15	W	99.00925	38.86909	1905	3301	-1396	PEN	3316	15	GR WASH		0					
KS	RS	332	HOME STAKE	260-	MERMIS B	1963	C	SW	NE	5	14	S	15	W	99.00929	38.86539	1901	3283	-1382	PEN	3294	11	GR WASH		0					
KS	RS	333	LYNN	1	LANDON	1965	SE	NE	NE	6	14	S	15	W	99.02205	38.86819	1886	3290	-1404	MAR	3302	12	GR WASH/GR		1					
KS	RS	334	PHIL HAN	1	FOSTERALE	1949	SE	SE	NE	6	14	S	15	W	99.02209	38.86453	1874	3281	-1407	LKC	3283	2	GR GN	*	6		RS-334	PC-23A,B		
KS	RS	335	BRIDGEPORT	3	DORTLAND	1937	C	NE		8	14	S	15	W	99.0071	38.85249	1871	3264	-1393	LKC	3306	42	GR		1					
KS	RS	336	DAY KEYS	2	DORTLAND	1930	NE	NE	NE	8	14	S	15	W	99.00359	38.85518	1881	3270	-1389	PEN	3340	70	GR		1					
KS	RS	337	TOMLIN & KATH	1	DORTLAND	1965	NW	NE	NE	8	14	S	15	W	99.00592	38.85521	1879	3258	-1379	LKC	3264	6	GR WASH		0					
KS	RS	338	ALLISON	1	SWARTZ	1930	NE	NE	NW	8	14	S	15	W	99.0129	38.85528	1878	3257	-1379	LKC	3295	38	GR		1					
KS	RS	339	CENTRAL PETR	1C	BENSO	1936	SE	SE	SW	9	14	S	15	W	98.9															

KS	RS	352	WITT	1B	WITT	1939	SE	SW	SW	10	14	S	15	W	98.98042	38.84261	1831	3261	-1398	LKC	3267	14	GR	1
KS	RS	353	WORMER BRAD	1	WITT	1955	SE	NW	NW	10	14	S	15	W	98.98035	38.85349	1863	3261	-1398	LKC	3267	6	GR WASH/GR	1
KS	RS	354	SKELLY	3C	BOXBERGER	1950	SE	NW	SE	12	14	S	15	W	98.93396	38.8465	1847	3407	-1560	REA	3425	18	QT	7
KS	RS	355	TRANSWESTER	1	POLCYN	1945	E2	SW	NW	14	14	S	15	W	98.96201	38.83629	1796	3270	-1474	REA	3310	40	QT/GR	7
KS	RS	356	HAYNES ANSCH	1	BALL	1942	SE	NE	NW	16	14	S	15	W	98.99438	38.83891	1864	3315	-1451	LKC	3392	77	QT,GN	7
KS	RS	357	FRONTIER	1	ROUBACK	1953	E2	E2	NE	16	14	S	15	W	98.98511	38.8381	1857	3251	-1394	LKC	3312	61	GR	1
KS	RS	358	GROSS CARLOC	1	ROUBACK	1950	C	NE	NE	16	14	S	15	W	98.98624	38.83989	1857	3253	-1396	LKC	3296	43	GR	1
KS	RS	359	SUNRAY	1	FURTHMEYE	1950	NE	NE	SE	22	14	S	15	W	98.96678	38.81908	1812	3371	-1559	REA	3395	24	GR GN	6
KS	RS	361	FINSTON MURF	2	FURTHMEYE	1950	N2	NE	NW	23	14	S	15	W	98.9586	38.82637	1803	3323	-1520	REA	3326	3	GR	1
KS	RS	362	MURFIN	1	FMEYER	1955	NE	NE	NW	23	14	S	15	W	98.95743	38.82637	1789	3315	-1526	REA	3320	5	QT	7
KS	RS	363	PALMER	3A	NIEDENTH	1949	NE	SE	SE	23	14	S	15	W	98.94817	38.81546	1755	3309	-1554	ARB	3327	18	GR	1
KS	RS	364	PHILLIPS	2	BOXBERGER	1936	E2	SW	NW	24	14	S	15	W	98.9435	38.82187	1808	3363	-1555	REA	3387	24	GR GN	6
KS	RS	365	SITRIN	DWS	MILLBERGE	1967	C	S2	NE	24	14	S	15	W	98.93307	38.822	1790	3273	-1483	REA	3277	4	QT	7
KS	RS	366	SKELLY	6	EHRlich	1946	N2	SE	NE	25	14	S	15	W	98.93091	38.80844	1796	3433	-1637	ARB	3436	3	QT	7
KS	RS	367	JOHN FARMER	6C	ERLICH	1967	NE	SW	NE	25	14	S	15	W	98.93437	38.80839	1790	3329	-1539	REA	3373	44	QT	7
KS	RS	368	OHIO	5	HARBAUGH	1948	SE	SW	NW	25	14	S	15	W	98.94362	38.80645	1747	3385	-1638	REA	3430	45	SC	8
KS	RS	369	LARIO	2	WAUDBY	1944	NE	NE	SE	26	14	S	15	W	98.94827	38.8046	1746	3302	-1556	REA	3325	23	GR WASH/GR	1
KS	RS	370	LARIO	7	WAUDBY	1956	NW	SE	NE	26	14	S	15	W	98.95057	38.80821	1752	3327	-1575	REA	3333	6	GR WASH/GR	1
KS	RS	371	STONEHEDGE	3	WAUDBY	1969	SE	SW	NE	27	14	S	15	W	98.97158	38.80638	1814	3375	-1561	REA	3390	15	GR WASH	0
KS	RS	372	BIRMINGHAM B/A	A	DRISCOLL	1961	NW	SE	SW	19	15	S	11	W	98.59058	38.72869	1848	3254	-1406	PEN	3258	4	QT	7
KS	RS	373	BIRMINGHAM B/A	A	DRISCOLL	1961	SE	NW	SW	19	15	S	11	W	98.59286	38.73053	1859	3293	-1434	PEN	3299	6	QT	7
KS	RS	374	BIRMINGHAM B/A	A	DRISCOLL	1962	W2	W2	SW	19	15	S	11	W	98.5952	38.72964	1858	3264	-1406	LKC	3269	5	QT	7
KS	RS	375	NIXON	1	HERBER	1962	SW	NW	SE	19	15	S	11	W	98.58591	38.73045	1859	3305	-1446	LKC	3311	6	GR WASH	0
KS	RS	376	LEBOW	4	CHEGWIDDE	1955	NE	SW	SW	29	15	S	11	W	98.57458	38.71403	1772	3230	-1458	MAR	3235	5	GR WASH	0
KS	RS	377	MID PLAINS	1	CHEGWIDDE	1943	SW	SW	SE	29	15	S	11	W	98.56769	38.71224	1835	3320	-1485	MAR	3334	14	QT	7
KS	RS	378	MID PLAINS	1B	CHEGWIDDE	1944	N2	SE	SW	29	15	S	11	W	98.57112	38.71404	1785	3255	-1470	MAR	3256	1	GR WASH	0
KS	RS	379	MID PLAINS	3B	CHEGWIDDE	1950	S2	SE	SW	29	15	S	11	W	98.57115	38.71223	1839	3312	-1473	PEN	3315	3	QT	7
KS	RS	380	BLAIR	1	FOSTER	1952	S2	SE	SE	33	15	S	11	W	98.54346	38.69768	1785	3243	-1458	ARB	3285	42	QT	7
KS	RS	381	SALINA	1	KYNER	1954	NE	SE	NW	33	15	S	11	W	98.55151	38.70679	1775	3444	-1669	REA	3445	1	GR WASH	0
KS	RS	382	HERNDON	1	PHILLIPS	1947	SW	SW	SE	34	15	S	11	W	98.53076	38.69765	1856	3289	-1433	PEN	3310	21	QT	7
KS	RS	383	ELDORADO REF	6	KUHNLE	1950	S2	N2	NW	4	15	S	12	W	98.66473	38.78146	1773	3312	-1539	REA	3315	3	GR WASH	0
KS	RS	384	SHELL	2	MAJOR	1940	SW	NW	NE	4	15	S	12	W	98.65898	38.78144	1766	3312	-1546	REA	3336	24	QT	7
KS	RS	385	SHELL SKELLY	1	VEJL	1949	S2	NE	NW	5	15	S	12	W	98.68105	38.78148	1766	3386	-1620	REA	3408	22	GR WASH/GR	1
KS	RS	386	STANOLIND	2	ZEEMAN	1942	N2	NE	NE	9	15	S	12	W	98.65335	38.76863	1853	3449	-1596	REA	3466	17	QT	7
KS	RS	387	B AND R	1	KAUFMAN	1948	NW	SW	SW	10	15	S	12	W	98.65032	38.7577	1785	3255	-1470	LKC	3278	23	QT	7
KS	RS	388	SKELLY	1	HEINZE	1944	SW	SE	SW	13	15	S	12	W	98.60888	38.74142	1862	3343	-1481	REA	3344	1	GR	1
KS	RS	389	KAUFMAN MORR	1	GUSTASON	1956	SE	SW	NE	14	15	S	12	W	98.62029	38.74872	1857	3363	-1506	ARB	3365	2	GR WASH	0
KS	RS	390	B AND R	1	KASTRUP	1948	C	NW	SE	15	15	S	12	W	98.64011	38.74588	1732	3192	-1460	ARB	3227	35	QT	7
KS	RS	391	GORE	3	KASTRUP	1946	NW	NW	SW	15	15	S	12	W	98.65058	38.74676	1791	3342	-1551	REA	3388	46	GR WASH/GR	1
KS	RS	392	GORE	5	MILLER	1971	SE	NE	NE	15	15	S	12	W	98.63419	38.75227	1738	3253	-1515	ARB	3264	11	QT	7
KS	RS	393	HARBAR	2	ROUBACH	1950	SE	SW	SW	16	15	S	12	W	98.66689	38.74131	1800	3375	-1575	REA	3432	57	GR	1
KS	RS	394	SKELLY	3A	PARKER	1949	NW	SW	NW	18	15	S	12	W	98.70609	38.75037	1849	3529	-1680	REA	3563	34	QT	7
KS	RS	395	SOHIO	2	MEIER	1946	N2	SW	SE	20	15	S	12	W	98.67751	38.72851	1855	3438	-1583	REA	3559	121	SC	8
KS	RS	396	DUKE WOOD	6	KRAUSE	1951	NE	SE	NE	21	15	S	12	W	98.65311	38.73583	1793	3344	-1551	ARB	3350	6	QT	7
KS	RS	397	PHIL HAN	1	MILLER	1942	NE	NE	NE	22	15	S	12	W	98.63438	38.73952	1803	3311	-1508	ARB	3314	3	QT	7
KS	RS	398	FLEMING WOOD	1	BROWN	1956	SE	NE	NW	24	15	S	12	W	98.60664	38.7378	1850	3343	-1493	ARB	3355	12	QT	7
KS	RS	399	DREILING	2	HEINZE	1962	E2	E2	SE	24	15	S	12	W	98.59752	38.72966	1866	3269	-1403	LKC	3274	5	QT	7
KS	RS	400	DREILING	1	JANNE	1962	C	SW	NE	24	15	S	12	W	98.6032	38.73508	1852	3269	-1417	LKC	3273	4	QT	7
KS	RS	401	LAUCK MONCRI	1A	JANNE	1944	SW	SW	NE	24	15	S	12	W	98.60438	38.73417	1846	3253	-1407	LKC	3272	19	QT	7
KS	RS	402	LAUCK MONCRI	2A	JANNE	1944	SW	SE	NE	24	15	S	12	W	98.59972	38.73419	1857	3281	-1424	PEN	3282	1	QT	7
KS	RS	403	SIEGRIST	1A	JANNE	1948	N2	NW	NE	24	15	S	12	W	98.6031	38.73962	1859	3314	-1455	LKC	3334	20	GR WASH/GR	1
KS	RS	404	FARMER	4	BUEHLER	1962	N2	N2	SW	26	15	S	12	W	98.62909	38.71776	1837	3182	-1345	LKC	3197	15	QT	7
KS	RS	405	JONES SHELBU	2	BUEHLER	1951	NW	NW	SW	26	15	S	12	W	98.63258	38.71776	1874	3275	-1401	PEN	3295	20	QT	7
KS	RS	406	JONES SHELBU	3	BUEHLER	1952	SE	NW	SW	26	15	S	12	W	98.63029	38.71594	1861	3307	-1446	PEN	3310	3	QT	7
KS	RS	407	BIRMINGHAM B/A	A	STAUDINGE	1961	NW	NW	NE	26	15	S	12	W	98.62314	38.72505	1841	3330	-1489	ARB	3332	2	QT	7
KS	RS	408	BIRMINGHAM B/A	G	STAUDINGE	1961	NW	SE	NW	26	15	S	12	W	98.62785	38.7214	1815	3201	-1386	ARB	3226	25	QT	7
KS	RS	409	BIRMINGHAM B/A	G	STAUDINGE	1962	S2	S2	NW	26	15	S	12	W	98.62905	38.71958	1837	3221	-1384	LKC	3222	1	QT	7
KS	RS	410	LEWISDLG	1	BROWN	1949	SE	SE	SW	27	15	S	12	W	98.64433	38.71227	1860	3260	-1400	LKC	3264	4	QT	7
KS	RS	411	LEWIS(INGLING	2	BROWN	1949	NE	SE	SW	27	15	S	12	W	98.64429	38.71408	1845	3247	-1402	LKC	3254	7	GR WASH/GR	1
KS	RS	412	LEWIS	3	BROWN	1949	NW	SE	SW	27	15	S	12	W	98.64661	38.71407	1810	3211	-1401	LKC	3212	1	QT	7
KS	RS	413	LEWIS	4	BROWN	1949	SW	SE	SW	27	15	S	12	W	98.64664	38.71226	1802	3201	-1399	LKC	3204	3	QT	7
KS	RS	414	MURFIN	4	JANNE	1949	NW	SW	SE	27	15	S	12	W	98.64197	38.71409	1868	3293	-1425	LKC	3303	10	QT	7
KS	RS	415	GORE	1	KLUSENER	1947	NW	SE	NE	28	15	S	12	W	98.6557	38.7213	1791	3390	-1599	PEN	3499	109	QT	7
KS	RS	416	LAUCK	9	KLUSENER	1948	W2	NE	SW	28	15	S	12	W	98.66505	38.71676	1847	3490	-1643	REA	3536	46	QT	7
KS																								

[illegible]

KS	RS	491	NCRA	5A	FLEGLER	1955 SE	NE NE	10 15 S	14 W	98.85627	38.76657	1740	3486	-1675 REA	3740	285 GR	*	1		CUTTINGS	RS-491		FAIR	SM	
KS	RS	492	OHIO		2 MEIER	1955 C	SW SW	10 15 S	14 W	98.87173	38.75652	1775	3452	-1677 REA	3621	169 QT		7		CUTTINGS/POWDER			GOOD	SM	
KS	RS	493	CITIES SERVIC	4A	TITTLE	1942 E2	NE SE	12 15 S	14 W	98.82845	38.76044	1856	3538	-1682 REA	3539	1 QT		7							
KS	RS	494	B AND R		5 TITTLE	1953 SE	NW NW	13 15 S	14 W	98.83322	38.7523	1893	3598	-1705 REA	3627	29 GR	*	1			RS-494	PC-222			
KS	RS	495	PHILLIPS		1 KRAMER	1942 NE	NW SW	14 15 S	14 W	98.8519	38.74675	1885	3584	-1699 REA	3630	46 GR WASH		0							
KS	RS	496	CHAMPLIN	5A	TITTLE	1953 NW	SW SE	14 15 S	14 W	98.84497	38.74319	1878	3566	-1688 REA	3591	25 GR WASH/GR		1							
KS	RS	497	PHILLIPS		3 KRUG	1942 SW	SE SE	15 15 S	14 W	98.859	38.74125	1860	3568	-1708 REA	3611	43 GR WASH		0							
KS	RS	498	PHIL HAN		1 KARST	1947 NE	NE SE	22 15 S	14 W	98.85695	38.7322	1841	3484	-1643 REA	3489	5 QT		7							
KS	RS	499	EMPIRE	3A	KRUG	1935 NE	NW NW	24 15 S	14 W	98.83348	38.73962	1905	3599	-1694 REA	3831	232 GABBRO	*	4		CUTTINGS	RS-499	PC-64A-C	POOR	SM	
KS	RS	500	EMPIRE	1A	BENDER	1943 NW	NE NE	26 15 S	14 W	98.84081	38.72496	1894	3616	-1722 REA	3619	3 GR WASH		0							
KS	RS	501	SKELLY		1 MAI	1950 NW	NE SE	35 15 S	14 W	98.85063	38.70313	1915	3610	-1695 ARB	3629	19 GR		1							
KS	RS	502	KAISER-FRANCIS	3B	POPP	1966 S2	S2 SW	35 15 S	14 W	98.85185	38.69772	1918	3609	-1691 ARB	3628	19 QT		7							
KS	RS	503	CRA(CORALENA	9	DEINES	1949 NE	NW NE	36 15 S	14 W	98.82493	38.71033	1847	3526	-1679 REA	3568	42 GR	*	1			RS-503	PC-125C			
KS	RS	504	NIXON	21	DUMLER	1975 SW	SW NW	24 14 S	14 W	98.8348	38.82104	1803	3194	-1391 LKC	3200	6 GR		1							
KS	RS	505	MADER		5 DRISCOLL	1975 NE	SW SW	19 15 S	11 W	98.5929	38.72871	1856	3287	-1431 MAR	3338	51 QT		7							
KS	RS	506	CLINTON	23	OSWALD	1976 C	C NW	8 12 S	15 W	99.01544	39.02699	1840	3232	-1392 REA	3267	35 GR	*	1		CUTTINGS	RS-506		GOOD	SM	
KS	RS	507	PET.MGRM		1 RUSCH	1976 SW	NE SE	20 14 S	14 W	98.89503	38.81731	1858	3333	-1475 MAR	3345	12 QT		7							
KS	RS	508	MAI OPERATION		1 LOUIE	1976 SW	NE NW	34 14 S	14 W	98.86739	38.79552	1791	3209	-1418 MAR	3250	41 GR WASH		0							
KS	RS	509	MAI OPERATION		7 LOUIE	1976 NE	NE NW	34 14 S	14 W	98.86508	38.79734	1809	3236	-1427 LKC	3263	27 GR		1							
KS	RS	510	CORIE		1 DUMLER	1976 N2	SW SE	1 14 S	15 W	98.935	38.8592	1875	3289	-1414 MAR	3302	13 QT		7							
KS	RS	511	SOHIO	6A	FOSTER	1946 NE	SW NW	3 14 S	15 W	98.98025	38.86635	1883	3300	-1417 LKC	3302	2 GR		1							
KS	RS	512	HOME STAKE	1E	WITT	1961 C	NW SW	3 14 S	15 W	98.98145	38.86174	1878	3375	-1497 MAR	3400	25 GR		1							
KS	RS	513	HILLENBURG		1 JACOBS	1976 SE	SE NW	22 14 S	15 W	98.97608	38.82094	1800	3442	-1642 ARB	3458	16 GR		1							
KS	RS	514	N.C.R.A.	15	MICHEL	1976 NW	SW SE	2 15 S	14 W	98.84436	38.77223	1715	3308	-1593 ARB	3353	45 QT		7							
KS	RS	515	SHIELDS	2D	REICH	1977 SE	NW NE	22 11 S	15 W	98.96909	39.08648	1812	3493	-1681 REA	3495	2 GR WASH		0							
KS	RS	516	AM PETROFINA	10	SHAFFER	1977 W2	SW SW	27 13 S	14 W	98.87163	38.88739	1852	3426	-1574 REA	3600	174 GR WASH		0							
KS	RS	517	NCRA		6 MAI	1977 S2	SE NW	34 14 S	14 W	98.86625	38.79191	1715	3328	-1613 ARB	3458	130 QT		7							
KS	RS	518	MAI	1Z	KRUG	1977 SW	NW NW	35 14 S	14 W	98.85354	38.7956	1787	3165	-1378 MAR	3196	31 GR WASH		0							
KS	RS	519	WEIGEL		1 BAXTER	1966 NE	NE SE	6 14 S	15 W	99.02211	38.8627	1871	3278	-1407 LKC	3295	17 GR WASH		0							
KS	RS	520	ANDERSON		3 KAUFMAN	1977 SW	SE SE	33 15 S	12 W	98.65604	38.69769	1852	3389	-1537 ARB	3400	11 QT		7							
KS	RS	521	PAN-AMERICAN	5B	OLSEN	1968 SW	NE NE	28 14 S	14 W	98.87674	38.81001	1823	3260	-1437 LKC	3300	40 WEA GR		1							
KS	RS	522	NCRA	A 13	MICHEL	1953 NE	NE SE	2 15 S	14 W	98.83718	38.77602	1710	3270	-1560 ARB	3327	57 QT		7							
KS	RS	523	KAISER		4 POPP	1977 NE	SE SW	35 15 S	14 W	98.84837	38.69952	1905	3589	-1684 REA	3594	5 GR WASH		0							
KS	RS	524	PETRO-PAK		1 ANGEL	1981 SW	NE NE	4 11 S	15 W	98.98599	39.13027	1811	3820	-2009 REA	3900	80 GR	*	1		CUTTINGS/P	RS-524		FAIR	MD	
KS	RS	525	STANOLIND		1 BOOTH	1939 SE	NW NE	29 11 S	15 W	99.00665	39.0719	1783	3205	-1422 REA	3220	15 GR WASH		0							
KS	RS	526	SKOHIO PET		9 OSWALD	1978 C	SW SW	8 12 S	15 W	99.01785	39.01795	1852	3210	-1358 MAR	3254	44 GR WASH		0							
KS	RS	527	SKELLY		1 OSWALD	1924 NE	NE NE	18 12 S	15 W	99.02129	39.01525	1835	3236	-1401 PEN	3286	50 WEA GR		1							
KS	RS	528	SOHIO PET.		1 RUSCH	1981 W2	E2 SW	19 12 S	15 W	99.0327	38.99084	1909	3315	-1406 REA	3360	45 GR WASH		0							
KS	RS	529	SOHIO	W1	RUSCH	1967 C	N2 SW	19 12 S	15 W	99.03385	38.99265	1895	3311	-1416 MAR	3321	10 GR		1							
KS	RS	530	SOHIO	1B	RUSCH	1967 N2	N2 SW	19 12 S	15 W	99.03384	38.99356	1895	3311	-1416 MAR	3321	10 GR		1							
KS	RS	531	MAI OPERATION		1 MAI	1982 E2	SE SE	22 13 S	14 W	98.85674	38.90195	1840	3486	-1646 ARB	3490	4 GR WASH		0							
KS	RS	532	VONFELDT		3 WITT	1978 N2	NE SW	34 13 S	14 W	98.86604	38.87744	1845	3448	-1603 REA	3500	52 GR WASH		0							
KS	RS	533	STANOLIND(MID		4 MERMIS	1928 NE	NW SE	32 13 S	15 W	99.00799	38.87719	1911	3321	-1410 REA	3326	5 GR		1							
KS	RS	534	SHIELDS OIL		2 TREGER	1981 SW	NE SE	7 14 S	14 W	98.91333	38.84642	1887	3350	-1463 REA	3570	220 QT		7							
KS	RS	535	NIXON OPERAT		3 WITT	1982 SE	SW NE	7 14 S	14 W	98.9156	38.85008	1903	3358	-1455 REA	3433	75 GR WASH		0							
KS	RS	536	SHIELDS OIL		2 KRUG	1981 W2	W2 SW	8 14 S	14 W	98.90875	38.84548	1894	3304	-1410 LKC	3316	12 QT		7							
KS	RS	537	CORIE OIL		1 FINK	1982 C	N2 SE	15 14 S	14 W	98.85927	38.83276	1848	3251	-1403 LKC	3270	19 GR		1							
KS	RS	538	KARST WELL SE		4 DUMLER	1982 SE	SE SW	18 14 S	14 W	98.92032	38.82834	1862	3432	-1570 ARB	3438	6 GR WASH		0							
KS	RS	539	LADD PET.		5 REINHARDT	1983 W2	NW NE	19 14 S	14 W	98.91804	38.8256	1869	3345	-1476 REA	3350	5 QT		7							
KS	RS	540	SACO OIL		6 GURNEY	1980 S2	SW SW	23 14 S	14 W	98.85248	38.81371	1815	3212	-1397 LKC	3241	29 GR WASH		0							
KS	RS	541	SACO OIL		6 GURNEY	1980 S2	SW SW	23 14 S	14 W	98.85248	38.81371	1815	3212	-1397 LKC	3241	29 GR WASH		0							
KS	RS	542	KRUG		4 KRUG	1989 NW	NE SW	23 14 S	14 W	98.84892	38.81918	1832	3217	-1385 MAR	3232	15 GR WASH		0							
KS	RS	543	C.S.O.	15	EBEL	1979 W2	E2 SW	24 14 S	14 W	98.83016	38.81649	1793	3198	-1405 MAR	3287	89 GR WASH		0							
KS	RS	544	SACO		4 KRUG	1979 NW	SE NW	26 14 S	14 W	98.84893	38.80828	1798	3197	-1389 LKC	3215	18 GR WASH		0							
KS	RS	545	AYLWARD		6 KRUG	1979 SE	NW NW	26 14 S	14 W	98.8513	38.81008	1801	3189	-1388 LKC	3220	31 GR WASH		0		CUTTINGS			FAIR	LG	
KS	RS	546	SACO OIL	7A	KRUG	1980 SE	SE NW	26 14 S	14 W	98.84658	38.80648	1784	3176	-1392 MAR	3192	16 GR WASH		0							
KS	RS	547	SACO OIL	6A	KRUG	1980 SW	NE NW	26 14 S	14 W	98.84894	38.81009	1812	3227	-1415 MAR	3230	3 GR WASH		0							
KS	RS	548	AYLWARD		4 KRUG	1978 NE	SW NW	26 14 S	14 W	98.85128	38.80827	1796	3197	-1401 MAR	3200	3 GR WASH		0							
KS	RS	549	SACO OIL	5A	KRUG	1980 SW	SE NW	26 14 S	14 W	98.84892	38.80647	1787	3182	-1395 MAR	3220	38 GR WASH		0							
KS	RS	550	TED GORE		7 BOXBERGER	1980 W2	SW NE	26 14 S	14 W	98.84423	38.80739	1777	3180	-1403 MAR	3250	70 GR WASH		0							
KS	RS	551	AYLWARD		7 BOXBERGER	1978 NE	NE SE	26 14 S	14 W	98.83719	38.8047	1778	3184	-1386 LKC	3175	11 GR WASH		0							
KS	RS	552	THEODORE GOR	8	BOXBERGER	1981 W2	NW NE	26 14 S	14 W	98.84424	38.81101	1800	3201	-1401 MAR	3220	19 GR WASH		0							
KS	RS	553	ENERGY RES.	B 11	KRUG	1981 SE	SW SE	27 14 S	14 W	98.86049	38.79918	1799	3179	-1380 LKC	3342	163 GR WASH		0		CUTTINGS					
KS	RS	554	REIF OIL		3 NEY	1982 N2	N2 NE	33 14 S	14 W	98.87775	38.79731	1777	3216	-1439 LKC	3233	17 GR WASH		0							
KS	RS	555	MAI		9 LOUIE	1979 SE	NE NE	34 14 S	14 W	98.85587	38.79559	1790	3177	-1387 MAR	3236	59 GR WASH		0							
KS	RS	556	BLANKE BROS		1 KRUG	198																			

KS	RS	560	FRANCIS WEIGE	1 DORTLAND	1981 NW NE SW	5 14 S	15 W	99.01514	38.86266	1883 3278	3278	22 GR WASH	0						
KS	RS	561	CRUDE PROD	1 SANDER	1980 NE NW NE	9 14 S	15 W	98.98961	38.85526	1870 3235	-1365 ARB	3270 35 GR	1						
KS	RS	562	VONFELDT	16 DUMLER	1983 SE NE NE	11 14 S	15 W	98.94778	38.85361	1881 3433	-1552 REA	3450 17 GR	1						
KS	RS	563	DRISCOLL LEAS	3 MILLS	1983 NE SW SW	12 14 S	15 W	98.94324	38.84455	1872 3412	-1540 ARB	3438 26 GR	1						
KS	RS	564	AYLWARD	1 MERMIS	1979 NE SE NE	16 14 S	15 W	98.98512	38.8372	1856 3256	-1400 LKC	3278 22 GR WASH	0						
KS	RS	565	HILLENBURG	2 JACOBS	1978 SW SW NW	22 14 S	15 W	98.98308	38.82097	1809 3572	-1763 REA	3634 62 GR WASH/GR	1						
KS	RS	566	CRUDE PROD	2 BOXBERGER	1979 SE NE NW	24 14 S	15 W	98.93884	38.82465	1791 3295	-1504 ARB	3350 55 GR WASH	0						
KS	RS	567	SHIELDS	1 COOPER	1973 NW NE SE	15 15 S	12 W	98.6366	38.7468	1733 3179	-1446 ARB	3180 1 QT	7						
KS	RS	568	FISK	12 KLUSENER	1978 E2 SW	28 15 S	12 W	98.66393	38.71495	1832 3428	-1596 MAR	3473 45 QT	7						
KS	RS	569	MARTIN OIL	3 KAUFMAN	1981 NW SW SW	33 15 S	12 W	98.66997	38.69946	1856 3373	-1517 REA	3380 7 QT	7						
KS	RS	570	STEINLE OIL	2 KARST	1983 SW SW SW	21 15 S	13 W	98.78033	38.72678	1883 3570	-1687 REA	3610 40 WEA GR	1						
KS	RS	571	EMPIRE	5 BOOMHOWE	1947 NW SE NE	25 15 S	14 W	98.82236	38.72125	1881 3599	-1718 REA	3602 3 GR	1						
KS	RS	572	CRUDE PROD	3 BOOMHOWE	1980 NE NE NE	25 15 S	14 W	98.81998	38.72489	1881 3585	-1704 ARB	3608 23 GR	1						
KS	RS	573	BROUGHER?	8 MILLS	1985 NE NE NE	33 13 S	15 W	98.98473	38.88456	1904 3419	-1515 REA	3572 153 GR	1	1505	30	10 CUTTINGS/CORE		GOOD	MD
KS	RS	574	CITIES SERVIC	10 SCHARTZ /A	1987 SE SE NE	5 15 S	12 W	98.67058	38.77783	1756 3315	-1559 LKC	3325 10				CUTTINGS	C4781	FAIR	MD
KS	RS	575	HALLWOOD PET	4 BOOTH A	1995 S2 NE NW	32 11 S	15 W	99.0127	39.0575	1820 3261	-1441 ARB	3358 97 GR	1						
KS	RS	576	STEARNS PETR	1 FOSTER E	1948 SE SE SE	11 12 S	15 W	98.94684	39.01711	1763 3285	-1522 ARB	3295 10 GR	1						
KS	RS	577	WEIGEL V FRAN	4 SPEER	1989 SW NW NW	32 13 S	15 W	99.0195	38.88259	1910 3369	-1459 LKC	3380 11 QT	7						
KS	RS	578	H & H PRODUCT	1 FOSTER S E	1985 NE SE NE	33 13 S	15 W	98.98476	38.88093	1914 3436	-1522 ARB	3450 14				CUTTINGS	B8786	FAIR	SM
KS	RS	579	SHIELDS OIL P	2 LAYHER	1984 W2 SW NW	34 13 S	15 W	98.98245	38.88004	1910 3452	-1542 REA	3505 53 QT	7						
KS	RS	580	SOLAR PET	7 MILLER E /	1985 NE SW SW	30 14 S	13 W	98.81409	38.80109	1729 3137	-1408 LKC	3190 53							
KS	RS	581	FARMER JOHN O	1 DRISCOLL	1959 NE NE NE	12 14 S	14 W	98.81834	38.85559	1851 3375	-1524 LKC	3387 12 QT	7						
KS	RS	582	SIMPSON OIL &	1 RUSH	1940 W2 NW SW	33 14 S	14 W	98.89064	38.78915	1759 3201	-1442 ARB	3230 29							
KS	RS	583	ROSEL ENERGY	STRECKER	1985 SE NE NE	36 14 S	14 W	98.81873	38.79566	1738 3142	-1404 LKC	3165 23				CUTTINGS	B5149	FAIR	SM
KS	RS	584	DRISCOLL LEAS	4 MUDD COLL	1994 NW SE NW	12 14 S	15 W	98.94085	38.85186	1864 3400	-1536 REA	3450 50 GR	1						
KS	RS	585	SOHIO PET	1 MINNIE PRE	1955 NW SW NW	22 14 S	15 W	98.98305	38.82279	1808 3383	-1575 ARB	3430 47 GR WASH	0						
KS	RS	586	FRONTIER OIL	5 FOSTER	1983 NW SE SE	33 15 S	11 W	98.54461	38.6995	1747 3550	-1803 ARB	3560 10							
KS	RS	587	NIXON R P	1 JANNE D	1993 C SW NE	24 15 S	12 W	98.6032	38.73508	1852		3273							
KS	RS	588	TE-PE O&G	6 STEINLE	1991 NW SE NW	29 15 S	12 W	98.68346	38.72122	1878 3454	-1576 ARB	3455 1 GR	1						
KS	RS	589	HINKLE OIL	2 SELLENS	1993 NE SE NE	36 15 S	13 W	98.70934	38.70666	1880		3486							
KS	SA	1	REV. BURGRAFF	1 ANDERSON	1968 C SE NE	7 16 S	3 W	97.68791	38.67647	1365 4145	-2780 ARB	4993 848 METASED	9						
KS	SA	2	PENN WEST PETIA	BORG	1981 NE NE NW	29 16 S	3 W	97.67731	38.63729	1376 4122	-2746 REA	4145 23 ARKOSE	9						
KS	SC	1	FUNK PET.	1 SAVOLT	1978 C SW SE	27 20 S	33 W	100.9483	38.28114	2948 6156	-3208 REA	6450 294 GR	1	1382	2	3			
KS	SD	1	CONTINENTAL	1 LAHLING	1943 SW NE SW	24 6 S	26 W	100.1746	39.51357	2617 4239	-1622 ARB	4268 29 GR WASH/GR	1			CUTTINGS	SD-1	POOR	SM
KS	SD	2	CONTINENTAL	3 BOUTS	1944 NW SE SW	2 6 S	27 W	100.3048	39.55547	2600 3960	-1360 MAR	4092 132 GN	6			CUTTINGS	SD-2	FAIR	MD
KS	SD	3	CONTINENTAL	1 CRAMER	1944 NW NW NE	11 6 S	27 W	100.3002	39.55174	2627 4012	-1385 MAR	4044 32 QT	7						
KS	SD	4	CONTINENTAL	6 LEONARD	1947 SE NW NW	12 6 S	27 W	100.2885	39.54985	2595 4018	-1423 ARB	4024 6 GR	1			CUTTINGS	SD-4	POOR	SM
KS	SD	5	DIAMOND SHAMR	KING MUIRH	1984 NW SE SE	4 6 S	27 W	100.3328	39.55556	2572 4200	-1628 ARB	4340 140				CUTTINGS	B8166	FAIR	SM
KS	SF	1	COOPER	1 SIFER	1928 NW SW NE	23 21 S	11 W	98.49862	38.21194	1739 4106	-2367 REA	4165 59 GR WASH/GR	1			CUTTINGS		POOR	SM
KS	SF	2	VIRGINIA	5 TAYLOR	1958 E2 E2 NE	22 21 S	12 W	98.62027	38.2135	1850 4097	-2247 ARB	4098 1 GR WASH	0						
KS	SF	3	VIRGINIA(KEYE	1 AHLGRIM	1950 S2 NW NE	29 21 S	12 W	98.66312	38.19971	1860 4070	-2210 ARB	4074 4 GR WASH	0						
KS	SF	4	VIRGINIA	2 MUELLER	1963 S2 NW SE	29 21 S	12 W	98.66316	38.19242	1862 4220	-2358 ARB	4230 10 GR	1						
KS	SF	5	VIRGINIA ISER	4A MUELLER	1961 N2 NE SE	29 21 S	12 W	98.65852	38.19423	1857 4230	-2373 REA	4231 1 GR WASH	0						
KS	SF	6	GMR	1 BAIER	1950 NE SE NE	25 21 S	14 W	98.80357	38.19874	1920 4412	-2492 REA	4413 1 QT	7			CUTTINGS	SF-6	POOR	SM
KS	SF	7	STANOLIND	2 MELLIES	1959 W2 SW NE	1 22 S	12 W	98.5907	38.16761	1814 4240	-2426 REA	4278 38 GR	1						
KS	SF	8	STANOLIND	6A SIEFKES	1950 NE NE NE	3 22 S	12 W	98.62083	38.17215	1840 4273	-2433 ARB	4284 11 GR WASH	0						
KS	SF	9	PHILLIPS	1 BORDEWICK	1942 S2 SE NE	1 22 S	14 W	98.80471	38.1678	1924 4384	-2460 REA	4421 37 GR WASH/GR	1						
KS	SF	10	PHILLIPS	3 GILBERT	1947 SW SE NW	7 23 S	11 W	98.57655	38.06446	1823 4405	-2582 ARB	4410 5 GR WASH	0			CUTTINGS	SF-10	FAIR	SM
KS	SF	11	SINCLAIR	5 MCCOMB	1942 SW NW NW	24 24 S	11 W	98.48895	37.95214	1799 4714	-2915 REA	4723 9 GR	1						
KS	SF	12	STANOLIND(HAL	2 OCONNOR	1943 E2 NE NW	14 24 S	12 W	98.6104	37.96751	1865 4735	-2870 REA	4740 5 GR	1						
KS	SF	13	KATHOL	1 BRENSING	1970 SW NE NE	15 24 S	12 W	98.62175	37.96665	1877 4751	-2874 REA	4755 4 GR/RHY	2			CUTTINGS	SF-13	GOOD	SM
KS	SF	14	ATLANTIC	1 POUND	1945 NE NW NE	27 24 S	13 W	98.73392	37.94031	1927 4610	-2683 ARB	4612 2 FELSITE	2			CUTTINGS	SF-14	PC-95	
KS	SF	15	PHILLIPS	1 EFFIE	1945 NE NE NW	36 24 S	13 W	98.70152	37.92562	1914 4754	-2840 ARB	4757 3 RHYOLITE	2			CUTTINGS	SF-15	FAIR	SM
KS	SF	16	NATURAL GAS O	1 HOWELL	1953 NW NE SW	36 24 S	14 W	98.81486	37.91894	1954 4736	-2782 ARB	4752 16 RHYOLITE	2						
KS	SF	17	WILKINSON	1 NAGEL	1958 SE SE NE	10 24 S	15 W	98.95035	37.97936	2027 4095	-2068 ARB	4097 2 RHYOLITE	2			SF-17	PC-159	FAIR	MD
KS	SF	18	CONTINENTAL	1 BOLAND	1939 NE NE SW	13 25 S	13 W	98.70187	37.87468	1913 4683	-2770 REA	4690 7 GR	1						
KS	SF	19	CONTINENTAL	4 RUSSELL	1961 NW SW NE	13 25 S	13 W	98.69952	37.87829	1918 4090	-2172 ARB	4103 13 RHYOLITE	2			CORE	SF-19	PC-2,3	GOOD
KS	SF	20	SAN ROGUE	1 KACHELMAN	1961 SW NE SW	36 25 S	14 W	98.81456	37.82986	1978 5145	-3167 REA	5216 71 BASALT/RHY	5			SF-20	PC-41		
KS	SF	21	VIRGINIA DLG	5 TAYLOR	1983 E2 E2 NE	22 21 S	12 W	98.62027	38.2135	1850 4098	-2248 ARB	4098 0 WEA GR	1						
KS	SF	22	ENERGY RESER	8 ALLEN	1978 NE SW SW	31 22 S	11 W	98.57887	38.08832	1826 4182	-2356 ARB	4245 63 GR WASH	0						
KS	SF	23	LIEDTKE PARTN	4 GATES	1990 SE NW NE	27 21 S	13 W	98.73514	38.19987	1881 3919	-2038 ARB	4149 230							
KS	SG	1	WENTZ	1 BRIGHT	1940 SE NE NW	1 26 S	1 W	97.38196	37.82227	1345 4183	-2838 REA	4274 91 MI-SC	8			CUTTINGS/P	SG-1	GOOD	MD
KS	SG	2	CITIES SERVIC	2 ADAMSON	1959 SE SW NW	12 26 S	1 W	97.38643	37.80424	1343 4148	-2805 REA	4178 30 GR WASH/GR	1						
KS	SG	3	BU VI BAR	1 HUDSON	1937 SE SW NE	12 26 S	1 W	97.37728	37.80414	1334 4165	-2831 REA	4192 27 GRAY MI-SC	8						
KS	SG	4	CITIES SERVIC	1 WRIGHT	1942 E2 NE SW	12 26 S	1 W	97.38185	37.80146	1344 4235	-2891 REA	4243 8 SC	8						
KS	SG	5	MARLAND GYPS	7 WRIGHT	1936 NW NE SE	12 26 S	1 W	97.37499	37.80229	1343 4190	-2847 REA	4275 85 SC	8						
KS	SG	6	LAUCK	1 MCLEAN	1936 SW SW SE	1 27 S	1 W	97.37924	37.72391	1316 4369	-3053 REA	4703 334 QT/GR SILL	7						
KS	SG	7	FRONTIER CHEM	1 SITE DISPO	1957 SE NW SW	27 28 S	1 W	97.42191	37.58303	1312 4736	-3424 ARB	4741 5 GR	1						
KS	SG	8	CONTINENTAL	1 CASEY	1937 SW SW NW	15 25 S	1 E	97.31609	37.87643	1453 4206	-2854 REA	4224 19 GR	1			CUTTINGS	SG-8-1	FAIR	MD

[illegible]

Precambrian Penetrations Database

Lithology Codes

0	Granite Wash
1	Felsic Intrusive
2	Felsic Extrusive
3	Intermediate Compositions
4	Mafic Intrusive
5	Mafic Extrusive
6	Gneiss
7	Quartzite
8	Other Metamorphic rocks
9	Metasedimentary

THIN SECTION DESCRIPTIONS

Renee Rohs

August 1997

BA-1 Most chips have some microcline if not all. There is evidence of alteration along fractures in the microcline showing overgrowth by high relief mineral of fine granular texture.

Rock: Granitic Gneiss?

BT-3 Texture: Medium crystalline

Minerals: Quartz 40%, K-feldspar 40%, Biotite 5%, Muscovite 5%

Rock: Granite

BT-10 Texture: Granoblastic with interlocking quartz grains

Minerals: Quartz 90%, Muscovite 10%

Rock: Quartzite

BT-47 Texture: Sheared granoblastic with interlocking grains

Minerals: Quartz 95%, Muscovite 5%

Rock: Quartzite

BT-51 Texture: Fine grained crystalline, porphyritic

Minerals: Quartz 60%, K-feldspar 30%, Micas 10%

Rock: Porphyritic Rhyolite

BT-52 Texture: Medium grained crystalline

Minerals: K-feldspar 40%, Quartz 40%, Biotite and Muscovite 20%

Rock: Granite

BT-62 Texture: Granoblastic with interlocking quartz grains

Minerals: Quartz 95%, Micas 5%

Rock: Quartzite

BT-78 Texture: Medium grained crystalline, porphyritic

Minerals: Quartz 50%, K-feldspar 30%, Micas 20%

Rock: Shallow Granite

BT-125 Texture: Medium to coarse grained crystalline with some euhedral accessory minerals

Minerals: Quartz 80%, Micas 20%

Rock: Granitoid

BT-141 Texture: Coarse crystalline with visible accessory minerals. Micas are aligned

Minerals: Quartz 30%, K-feldspar 50%, Muscovite 20%

Rock: Sheared Granite

BT-142 Texture: Crystalline with micas well aligned

Minerals: Quartz 70%, Muscovite 25%

Rock: Granitic Gneiss

BT-226 Texture: Medium to coarse crystalline

Most of the chips contain primarily quartz however, some of them are only microcline or only orthoclase.

Minerals: Quartz 70%, K-feldspar 30%

Rock: Granitic Gneiss

BT-253 Texture: Slightly altered with thin veins of quartz. Areas of schistose texture although overall gneissic texture

Minerals: Vary depending on individual chips. K-feldspar 50%, Quartz 20%, Micas 30%

Rock: Gneiss

BT-283 Texture: Coarse crystalline

Minerals: Quartz 75%, K-feldspar 20%, Muscovite 5%

Rock: Granite

BT-305 Texture: Sutured metamorphosed quartz

Minerals: Quartz 90%, Micas 10%

Rock: Sheared Quartzite

BT-444 Texture: Microcrystalline, porphyritic

Minerals: Quartz 60%, Biotite 20%, K-feldspar 20%

Rock: Rhyolite

BT-507 Texture: Coarse crystalline

Minerals: Quartz 85%, Muscovite 15%

Rock: Quartz pegmatite

BU-46 Texture: Interlocking crystals, granular, altered or recrystallized

Minerals: Quartz 90%, Muscovite 10%

Rock: Micaceous Quartzite

Texture: Medium crystalline, porphyritic

Minerals: Quartz, K-feldspar, Muscovite, Biotite

Rock: Granite

CS-40 Texture: Medium to coarse crystalline, somewhat sheared and altered

Minerals: K-feldspar 60%, Quartz 30%, Muscovite 10%

Rock: Granite

CQ-1 Texture: Micro to cryptocrystalline, porphyritic, altered

Minerals: Quartz 70%, K-feldspars 20%, Biotite 10%

Rock: Porphyritic Rhyolite

- CQ-6** Texture: Microcrystalline, porphyritic, phenocrysts show alteration
Minerals: Quartz 50%, Felsic groundmass 50%
Rock: Porphyritic Rhyolite
- CN-1** Texture: Sedimentary, carbonate
Minerals: Dolomite, calcite, chert
Rock: Paleozoic Limestone (NOT Precambrian)
- CN-3** Texture: Sedimentary, carbonate
Minerals: Calcite, chert
Rock: Paleozoic Limestone (NOT Precambrian)
- CY-5** Texture: Cryptocrystalline matrix, porphyritic
Minerals: Plagioclase laths, Biotite, recrystallized feldspars
Rock: Felsite
- CY-9** Texture: Fine to medium crystalline
Minerals: Plagioclase 65%, Clinopyroxene 30%, Other mafics 5%
Rock: Diabase
- CL-3** Texture: Medium to coarse crystalline
Minerals: Quartz 50%, K-feldspar 50%
Rock: Granite
- DK-2** Texture: Recrystallized, altered granular appearance
Minerals: Plagioclase 70%, Pyroxene (Augite) 30%, Olivine
Rock: Altered Gabbro
- ED-5** Texture: Very fine matrix, possibly some phenocrysts or larger clasts if sedimentary
Minerals: Mafic?
Rock: Altered basalt or shale
- EL-33** Texture: Crystalline
Minerals: Plagioclase 20%, Biotite 30%, Quartz 20%, K-feldspar 25%, Hornblend 5%
Rock: Granodiorite
- EL-51** Texture: Fine to medium crystalline
Minerals: Quartz 30%, Microcline 30%, Biotite 20%, Plagioclase 20%
Rock: Granodiorite
- EL-70** Texture: Clastic sedimentary
Minerals:
Rock: Shale or highly altered basalt

EL-78 Texture: Medium grained crystalline

Minerals: Quartz 45%, K-feldspar 50%, Other 5%

Rock: Granite

EL-100 Texture: Metasediments, sandstone

Minerals: Quartz 90%, Fine grained matrix 10%

Rock: Metasediments, metasandstone

EL-101 Texture: Crystalline with some areas of fine grained matrix

Minerals: Quartz, K-feldspar, Biotite layered between quartz crystals

Rock: Granitic Gneiss

EL-111 Texture: Coarse crystalline with some euhedral crystals

Minerals: Quartz 45%, K-feldspar 45%, Biotite 10%

Rock: Granite

EL-124 Texture: Medium to coarse crystalline

Minerals: Quartz 40%, K-feldspar 55%, other 5%

Rock: Granite

EL-129 Texture: Fine to medium crystalline

Minerals: Quartz 40%, K-feldspar 50%, Micas 10%

Rock: Granite

EL-139 Texture: Chips are too small to determine texture, probably crystalline

Minerals: Quartz 30%, K-feldspar 50%, Replacement minerals 20%

Rock: Weathered or Altered Granite

EL-181 Texture: Medium crystalline mostly anhedral

Minerals: Quartz 45%, K-feldspar 30%, Micas 5%

Rock: Granite

EW-18 Texture: Chips are too small to determine texture, probably crystalline

Minerals: Quartz, K-feldspar, Micas

Rock: Granite Wash

EW-20 Texture: Coarse crystalline with each chip being approximately homogeneous, segregation of minerals

Minerals: Quartz 20%, K-feldspar 70%, Micas 10%

Rock: Granitic Gneiss

EW-28 Texture: Clastic

Minerals: Quartz, K-feldspar

Rock: Arkose?

EW-52 Texture: Clastic sedimentary

Minerals: Quartz, K-feldspar, Magnetite

Rock: Arkose

EW-1, PC-53 Texture: Medium grained crystalline

Minerals: Quartz 30%, K-feldspar 40%, Biotite 20%, Hornblend 5%, Other 5%

Rock: Granite

GE-1 Texture: Medium grained crystalline

Minerals: Quartz 45%, K-feldspar 50%, Micas 5%

Rock: Granite

GE-6 Texture: Medium grained crystalline, anhedral to subhedral

Minerals: Quartz 50%, K-feldspar 50%

Rock: Granite

GH-42 Texture: Fine to medium crystalline

Minerals: Quartz 30%, K-feldspar 60%, Biotite 10%

Rock: Granite

GH-43 Texture: Fine to medium crystalline

Minerals: Quartz 30%, K-feldspar 60%, Biotite 10%

Rock: Granite

GH-44 Texture: Medium grained crystalline

Minerals: Quartz 35%, K-feldspar 50%, Biotite 10%, Magnetite 5%

Rock: Granite

GH-48 Texture: Medium grained crystalline

Minerals: Quartz 40%, K-feldspar 55%, Other 5%

Rock: Granite

GW-3 Texture: Medium crystalline mostly subhedral

Minerals: Quartz 40%, K-feldspar 30%, Muscovite 30%

Rock: Granite

GW-16 Texture: Medium crystalline

Minerals: Quartz 40%, K-feldspar 50%, Biotite 10%

Rock: Granite

HG-2 Texture: Cryptocrystalline, porphyritic with large phenocrysts

Minerals: Felsic groundmass, phenocrysts of Biotite, K-feldspar and Quartz

Rock: Porphyritic Rhyolite

- HG-6** Texture: Cryptocrystalline, porphyritic with large phenocrysts, some replacement
Minerals: Phenocrysts of Chlorite, Quartz, and K-feldspar
Rock: Porphyritic Rhyolite
- HS-1** Texture: Sheared coarse crystalline, some alteration evident
Minerals: Quartz 35%, K-feldspar 60%, Other 5%
Rock: Granite
- JA-6** Texture: Medium grained crystalline
Minerals: Quartz 40%, K-feldspar 50%, Biotite 10%
Rock: Granite
- JA-7** Texture: Crystalline, highly regular fine grained
Minerals: Quartz 45%, K-feldspar 50%, Other 5%
Rock: Granite
- JW-1** Texture: Medium to coarse crystalline
Minerals: Quartz 35%, K-feldspar 50%, Micas 10%, Other 5%
Rock: Granite
- LG-3** Texture: Granoblastic with interlocking and fused grains
Minerals: Quartz, K-feldspar, Biotite
Rock: Meta-Arkose
*Appears to have been a conglomerate of granite wash that was metamorphosed
- LY-7** Texture: Granoblastic with interlocking grains of approximately the same size
Minerals: Quartz 30%, K-feldspar 50%, Biotite 10%, Muscovite 5%, Calcite 5%
Rock: Sheared Granite
- MC-1** Texture: Most of the chips appear to be sedimentary and Fe stained if not oil stained.
Several chips are opaque. Only two chips appear to be crystalline
Minerals: Quartz
Rock: Quartzite?
- MC-2** Texture: All but two chips are sandy limestone. Crystalline chips appear to be coarse crystals of quartz.
Rock: Quartzite?
- MG-11** Texture: Microcrystalline to cryptocrystalline
Minerals: Quartz groundmass and most phenocrysts appear altered
Rock: Altered Porphyritic Rhyolite
- MS-1** Texture: Medium to coarse crystalline, altered K-feldspars
Minerals: Quartz 50%, K-feldspar 40%, Biotite 10%
Rock: Weathered Granite

- MS-3** Texture: Medium to coarse crystalline, altered K-feldspar
Minerals: Quartz 40%, K-feldspar 60%,
Rock: Weathered Granite
- MS-4** Texture: Crystalline with altered K-feldspar
Minerals: Quartz 40%, K-feldspar 50%, Micas 10%
Rock: Granite
- MS-5** Texture: Coarse to medium crystalline, fractures within crystals
Minerals: Quartz 45%, K-feldspar 50%, Plagioclase 5%
Rock: Sheared Granite
- MS-6** Texture: Medium grained crystalline
Minerals: Quartz 50%, K-feldspar 25%, Hornblend 15%, Biotite 10%
Rock: Granite
- MS-7** Texture: Chips are too small to determine texture, maybe crystalline
Minerals: Quartz, K-feldspar, Hornblend, Biotite
Rock: Granite?
- MS-8** Texture: Fine to medium crystalline
Minerals: Quartz 70%, K-feldspar 30%, Other < 5%
Rock: Shallow Granite
- MS-13** Texture: Chips are too small to determine
Minerals: Quartz, K-feldspar, Plagioclase
Rock: Granite Wash
- MS-14** Texture: Metasedimentary
Minerals: Quartz 80%, Feldspar 15%, Cement 5%
Rock: Metasandstone (Rice Formation)
- MS-16** Texture: Medium crystalline
Rock: Granite
- MS-17** Texture: Medium crystalline
Rock: Granite
- MS-18** Texture: Porphyritic, medium to coarse crystalline
Rock: Porphyritic granite
- MS-19** Texture: Fine to medium crystalline
Rock: Diabase

- MS-20** Texture: Sedimentary, carbonate
Rock: Limestone
- MS-21** Texture: Sedimentary, clastic
Rock: Siltstone
- MS-22** Texture: Metasedimentary, clastic
Rock: Arkose
- MS-23** Texture: Fine to medium crystalline
Rock: Granite
- MS-24** Texture: Fine to medium crystalline, sheared
Rock: Sheared granite
- MS-25** Texture: Fine to medium crystalline
Rock: Granite
- MS-26** Texture: Fine to medium crystalline
Rock: Granite
- MS-30** Texture: Too small to determine
Rock: Granite Wash
- MS-31** Texture: Medium crystalline
Rock: Granite
- MS-32** Texture: Segregation of minerals, gneissic
Rock: Gneiss
- MS-34** Texture: Medium to coarse crystalline
Rock: Diorite
- MS-35** Texture: Granoblastic, interlocking grains
Rock: Quartzite
- MS-36** Texture: Medium to coarse crystalline
Rock: Granite (Syenite)
- MS-37** Texture: Interlocking grains
Rock: Quartzite
- MS-38** Texture: Sedimentary, carbonate
Rock: Paleozoic Limestone (NOT Precambrian)

MS-40 Texture: Fine to coarse crystalline, porphyritic
Rock: Porphyritic Granite

MS-41 Texture: Segregation of minerals, gneissic
Rock: Gneiss

MS-42 Texture: Medium grained crystalline
Rock: Granite

MS-48 Texture: Fine to medium crystalline
Rock: Diabase, Other lithologies are granite wash and metasediments

MR-1 Texture: Medium to fine crystalline
Minerals: Quartz 40%, K-feldspar 40%, Biotite 10%, Muscovite 5%, Hornblend 5%
Rock: Granite

MR-3 Texture: Medium grained crystalline
Minerals: Quartz 50%, K-feldspar 40%, Biotite 5%, Plagioclase 5%
Rock: Granite

NM-1 Texture: Some segregations and orientation of crystalline mineral grains
Minerals: Quartz 45%, K-feldspar 50%, Micas <5%
Rock: Granitic Gneiss

NM-2 Texture: Medium grained crystalline, anhedral
Minerals: Quartz 40%, K-feldspar 40%, Biotite 20%
Rock: Granite

NM-18 Texture: Medium to coarse crystalline
Minerals: Quartz 30%, K-feldspar 50%, Micas 5%, Altered minerals 15%
Rock: Granite

NM-19 Texture: Sheared medium grained crystalline
Minerals: Quartz 20%, K-feldspar 70%, Micas 10%
Rock: Granite (Syenite)

NM-20 Texture: Medium grained crystalline, elongated, sheared
Minerals: Quartz 15%, K-feldspar 60%, Plagioclase 10%, Chlorite 10%, Accessories 5%
Rock: Granite (Syenite)

NM-22 Texture: Fine to coarse crystalline, somewhat porphyritic
Minerals: Biotite 30%, K-feldspar 20%, Quartz 20%, Hornblend 10%, Plagioclase 10%,
Sphene <5%, Opaques <5%
Rock: Diorite

NM-52 Texture: Coarse crystalline, porphyritic

Minerals: Quartz 50%, K-feldspar 40%, Micas 5%, Accessories <5%

Rock: Granite

NM-53 Texture: Medium grained crystalline with quartz overgrowths

Minerals: Quartz 50%, K-feldspar 30%, Plagioclase 20%

Rock: Granite

NM-54 Texture: Medium crystalline

Minerals: Quartz 40%, K-feldspar 40%, Plagioclase 10%, Biotite 10%

Rock: Granite

NM-59 Texture: Sheared medium grained crystalline

Minerals: Quartz 20%, K-feldspar 70%, Biotite 10%

Rock: Granite (Syenite)

OB-2 Texture: Chips too small to determine texture, possibly some sutured grains

Minerals: Quartz

Rock: Quartzite

NT-56 Texture: Sedimentary, carbonate

Rock: Paleozoic limestone

NT-334 Texture: Chips too small to determine texture, probably crystalline

Minerals: Quartz, K-feldspar, Plagioclase

Rock: Granite Wash

NT-357 Texture: Medium grained crystalline, subhedral and anhedral

Minerals: Quartz 50%, K-feldspar 30%, Biotite 20%

Rock: Granite

NT-378 Texture: Micro to medium crystalline

Minerals: Quartz 30%, K-feldspar 50%, Biotite 20%, Some accessory minerals

Rock: Shallow Granite

PL-2 Texture: Fine to medium crystalline

Minerals: Quartz 30%, K-feldspar 60%, Micas 5%, Plagioclase 5%

Rock: Granite

PL-19 Texture: Sutured crystal boundaries, recrystallized medium grained

Minerals: Quartz 30%, K-feldspar 50%, Hornblende 20%

Rock: Granitic Gneiss

- PL-30** Texture: Sutured crystal boundaries, recrystallized medium crystalline
Minerals: Quartz 50%, K-feldspar 45%, Other 5%
Rock: Metamorphosed Granite
- PL-59** Texture: Schistose, some large quartz grains otherwise fine grained
Minerals: Quartz 30% Micas 70%
Rock: Schist
- PN-1** Texture: Crypto to microcrystalline
Minerals: Felsic minerals
Rock: Rhyolite
- PN-2** Texture: Microcrystalline, porphyritic
Minerals: Felsic groundmass, Phenocrysts of quartz, K-feldspar, and Plagioclase
Rock: Porphyritic Rhyolite
- PN-3** Texture: Microcrystalline, porphyritic
Minerals: Felsic groundmass, Phenocrysts of quartz, K-feldspar, and Plagioclase
Rock: Porphyritic Rhyolite
- PN-4** Texture: Micro to cryptocrystalline, porphyritic with some euhedral to subhedral
Minerals: Felsic groundmass, Phenocrysts of quartz, K-feldspar, and pyrite?
Rock: Porphyritic Rhyolite
- PN-13** Texture: Partially recrystallized, Crypto to medium crystalline
Minerals: Quartz 60%, K-feldspar 30%, Micas 10%
Rock: Granitic Gneiss
- PN-17** Texture: All but one chip appear to be sedimentary in origin, crypto to microcrystalline
Minerals: Mafic groundmass, some Plagioclase laths
Rock: Porphyritic Basalt
- PN-19** Texture: Schistose, fine crystalline
Minerals: Quartz 40%, Muscovite 50%, Opaques 10%
Rock: Schist
- PN-23** Texture: Altered or recrystallized, crypto to microcrystalline, porphyritic
Minerals: Felsic to intermediate groundmass, phenocrysts of feldspars
Rock: Andesite?
- PN-25** Texture: Altered or recrystallized, crypto to micro crystalline groundmass, porphyritic
Minerals: Felsic to intermediate groundmass, phenocrysts of K-feldspar, 10% opaques
Rock: Felsite

PN-26 Texture: Altered or recrystallized crypto to microcrystalline groundmass, porphyritic
Minerals: Felsic groundmass, Phenocrysts of K-feldspar, Quartz and Plagioclase,
opaques

Rock: Porphyritic Rhyolite

RA-2 Texture: Chips are too small to determine texture

Minerals: Felsic composition

Rock: Granite Wash

RA-6 Texture: Fine grained schistose

Minerals: Chlorite 30%, Quartz 50%, Biotite 20%

Rock: Chlorite Schist

RA-14 Texture: Sutured quartz grains, micas concentrated at quartz boundaries

Minerals: Quartz 90%, Muscovite 10%

Rock: Quartzite

RA-19 Texture: All chips appear to be sandy limestone

Rock: Paleozoic Limestone

RA-22 Texture: Recrystallized with sutured grain boundaries, medium crystalline

Minerals: Quartz 30%, K-feldspar 50%, Biotite 10%, Altered minerals 10%

Rock: Granitic Gneiss

RA-24 Texture: Micro to cryptocrystalline, porphyritic

Minerals: Felsic groundmass, phenocrysts of Quartz and K-feldspar

Rock: Porphyritic Rhyolite

RN-3 Texture: Granoblastic sutured grains

Minerals: Quartz

Rock: Quartzite

Texture: Fine to microcrystalline

Minerals: Felsic

Rock: Rhyolite

RN-10 Texture: Recrystallized, sutured boundaries, clastic

Rock: Metasediments

RN-12 Texture: Recrystallized, sutured boundaries, clastic

Rock: Metasediments

RC-17 Texture: Slightly metamorphic, clastic angular

Rock: Metasediments

RC-21 Texture: Fine grained, granoblastic, sutured grains
Minerals: Quartz 90%, Muscovite 10-20%
Rock: Quartzite

RC-29 Texture: Granoblastic with sutured grains
Minerals: Quartz 95%, Other 5%
Rock: Quartzite

RC-38 Texture: Granoblastic with sutured grains
Minerals: Quartz 95%, Other <5%
Rock: Quartzite

RC-68 Texture: Granoblastic with sutured grains
Minerals: Quartz 95%, Other <5%
Rock: Quartzite

RC-85 Texture: Granoblastic with sutured grains
Minerals: Quartz 95%, Other <5%
Rock: Quartzite

RC-117 Texture: Granoblastic with sutured grains
Minerals: Quartz 95%, Other <5%
Rock: Quartzite

RC-122 Texture: Fine grained, metasediments
Minerals: Quartz 50%, K-feldspar 30%, Other 20%
Rock: Arkose

RC-176 Texture: Fine to coarse grained granoblastic, heavily sutured
Minerals: Quartz 90%, Muscovite 10%
Rock: Quartzite

RH-36 Texture: Medium to coarse crystalline, evidence of metamorphism
Minerals: Quartz 50%, K-feldspar 50%
Rock: Granite

RH-48 Texture: Individual chips are commonly of one mineral, coarse crystalline, metamorphosed
Minerals: Quartz 20%, K-feldspar 60%, Biotite 10%, Muscovite 10%
Rock: Granitic Gneiss

RH-56 Texture: Granoblastic with sutured grains
Minerals: Quartz 75%, Muscovite 25%
Rock: Quartzite

- RH-57** Texture: Altered crystalline, medium to coarse grained
Minerals: Quartz 30%, K-feldspar 70%
Rock: Granite
- RH-89** Texture: Medium grained crystalline, some euhedral grains
Minerals: Quartz 30%, K-feldspar 60%, Biotite 5%, Muscovite 5%
Rock: Granite
- RH-126** Texture: Granoblastic, sutured grains
Minerals: Quartz 50%, K-feldspar 50%
Rock: Arkosic quartzite or metasediments
- Rh-134** Texture: Recrystallized crystalline, slightly altered
Minerals: Quartz 50%, K-feldspar 40%, Biotite 5%, Muscovite 5%
Rock: Granitic Gneiss
- RH-337** Texture: Granoblastic of various grain sizes
Minerals: Quartz 50%, K-feldspar 45%, Micas <5%
Rock: Arkosic quartzite
- RH-350** Texture: Crystalline, primarily coarse but some areas are fine
Minerals: Quartz 40%, K-feldspar 45%, Biotite 10%, Opaques 5%
Rock: Granite
- RL-12** Texture: Medium to coarse grained, slightly altered feldspars
Minerals: Quartz 35%, K-feldspar 50%, Biotite 10%, Opaques 5%
Rock: Weathered Granite
- RL-13** Texture: Chips are too small to determine texture, probably crystalline
Minerals: Quartz 30%, K-feldspar 70%
Rock: Weathered Granite
- RL-14** Texture: Fine to medium crystalline
Minerals: Quartz 40%, K-feldspar 60%
Rock: Granite
- RL-18** Texture: Fine to medium crystalline
Minerals: Quartz 40%, K-feldspar 60%, Accessories 5%
Rock: Granite
- RL-20** Texture: Porphyritic, fine to coarse crystalline, altered
Minerals: Quartz 40%, K-feldspar 50%, Other 10% (Biotite, Hornblend, Apatite)
Rock: Granite

- RL-23** Texture: Fine to coarse crystalline
Minerals: Quartz 25%, K-feldspar 50%, Plagioclase 25%
Rock: Granite
- RL-31** Texture: Fine to medium crystalline
Minerals: Quartz 60%, K-feldspar 30%, Biotite 10%
Rock: Granite
- RL-32** Texture: Coarse crystalline, sutured crystal boundaries
Minerals: Quartz 30%, K-feldspar 65%, Biotite 5%
Rock: Granite
- RL-41** Texture: Medium to fine crystalline, laths of Plagioclase
Minerals: Plagioclase 60%, Augite 30%, Olivine 10%
Rock: Diabase
- RO-10** Texture: Gneissic
Minerals: Quartz 50%, K-feldspar 30%, Plagioclase 20%
Rock: Granitic Gneiss
- RO-38** Texture: Medium grained crystalline
Minerals: Quartz 30%, K-feldspar 70%
Rock: Granite
- RO-40** Texture: Gneissic
Minerals: Quartz 35%, K-feldspar 50%, Biotite 10%, Muscovite 5%
Rock: Gneiss
- RO-44** Texture: Medium to fine crystalline
Minerals: Quartz 30%, K-feldspar 65%, Biotite 5%
Rock: Granite
- RO-49** Texture: Medium to coarse crystalline
Minerals: Quartz 20%, K-feldspar 80%
Rock: Granite (Syenite)
- RO-50** Texture: Medium to coarse crystalline
Minerals: Quartz 60%, K-feldspar 35%, Biotite 5%
Rock: Granite
- RO-81** Texture: Metasedimentary
Minerals: Quartz 60%, K-feldspar 35%, Micas 5%
Rock: Arkose

RO-104 Texture: Micro to fine crystalline, porphyritic

Minerals: Quartz, K-feldspar

Rock: Meta-Rhyolite Porphyry

RS-69 Texture: Coarse crystalline, slide appears to have some Fe staining

Minerals: Quartz 35%, K-feldspar 60%, Other <5%

Rock: Granite

RS-99 Texture: Coarse crystalline, slightly altered, plagioclase laths

Minerals: Plagioclase 60%, Augite 30%, Hornblend 10%

Rock: Gabbro or Diorite

RS-112 Texture: Gneissic, segregated minerals and distinct foliation

Minerals: Quartz 40%, K-feldspar 55%, Biotite 5%

Rock: Gneiss

RS-134 Texture: Granoblastic, sutured, medium to coarse grained

Minerals: Quartz 95%, Other 5%

Rock: Quartzite

RS-216 Texture: Schistose

Minerals: Quartz 40%, Biotite 10%, Muscovite 40%, Chlorite 10%

Rock: Schist

RS-225 Texture: Metamorphosed, coarse grain, possibly gneissic

Minerals: Quartz 45%, K-feldspar 45%, Biotite 10%, Muscovite 5%

Rock: Gneiss

RS-380 Texture: Granoblastic, interlocking grains

Minerals: Quartz 90%, Muscovite 10%

Rock: Quartzite

RS-386 Texture: Granoblastic, interlocking grains

Minerals: Quartz 70%, K-feldspar 30%

Rock: Arkosic Quartzite

RS-491 Texture: Fine to coarse crystalline

Minerals: Quartz 25%, K-feldspar 50%, Biotite 25%

Rock: Granite

RS-524 Texture: Coarse crystalline, gneissic

Minerals: Quartz 25%, K-feldspar 60%, Biotite 10%, Hornblend 5%

Rock: Granitic gneiss

SG-10 Texture: Coarse crystalline
Minerals: Quartz 30%, K-feldspar 50%, Biotite 10%, Hornblend 10%, visible Zircon
Rock: Granite

SN-2 Texture: Chips are too small to determine texture
Minerals: Quartz 40%, K-feldspar 50%, Biotite 10%
Rock: Granite/ Granite Wash

SD-1 Texture: Fine to medium grained crystalline
Minerals: Quartz 40%, K-feldspar 40%, Biotite 10%, Muscovite 10%
Rock: Granite

SD-2 Texture: Metamorphosed, gneissic
Minerals: Quartz 35%, K-feldspar 20%, Biotite 35%, Hornblend 10%
Rock: Gneiss

SD-4 Texture: Interlocking grains, medium grain crystalline
Minerals: Quartz 60%, K-feldspar 20%, Muscovite 20%
Rock: Granite

SF-6 Texture: Fine grained granoblastic, interlocking grains
Minerals: Quartz 90%, K-feldspar 10%
Rock: Quartzite

SF-10 Texture: Chips are individual minerals
Rock: Granite Wash

SF-11 Bad Slide

SF-15 Texture: Micro to cryptocrystalline, porphyritic
Minerals: Felsic groundmass, phenocrysts of K-feldspar and Quartz
Rock: Porphyritic Rhyolite

SF-16 Texture: Recrystallized, micro to cryptocrystalline, porphyritic
Minerals: Groundmass felsic with some opaques, phenocrysts of K-feldspar
Rock: Meta Rhyolite Porphyry

SH-1 Texture: Schistose to gneissic
Minerals: Quartz 45%, Biotite 45%, Opaques 10%
Rock: Schist

SH-2 Texture: Sedimentary
Rock: Paleozoic Sandy Limestone

- SH-3** Texture: Sedimentary
Rock: Paleozoic Limestone
- SH-7** Texture: Sedimentary
Rock: Paleozoic Limestone
- SM-1** Texture: Fine to microcrystalline, recrystallized, altered
Minerals: Mafic with calcite in fractures
Rock: Altered Basalt
- ST-1** Texture: Highly altered, coarse to medium crystalline
Minerals: Quartz 55%, K-feldspar 40%, Micas 5%
Rock: Weathered Granite
- SU-1** Texture: Most chips only contain one mineral type
Minerals: Quartz , K-feldspar
Rock: Granite Wash
- SU-4** Texture: Coarse crystalline
Minerals: Quartz 50%, K-feldspar 30%, Plagioclase 20%
Rock: Granite
- SU-6** Texture: Medium to coarse crystalline
Minerals: K-feldspar 60%, Biotite 10%, 30% altered Plagioclase?
Rock: Monzonite (Intermediate Intrusive)
- SU-7** Texture: Coarse crystalline
Minerals: K-feldspar 35%, Biotite 5%, Altered Plagioclase 60%
Rock: Diorite
- SU-8** Texture: Medium to coarse crystalline
Minerals: Quartz 35%, K-feldspar 35%, Plagioclase 20%, Chlorite 10%
Rock: Granite
- TH-1** Texture: Coarse crystalline
Minerals: Quartz 30%, K-feldspar 30%, Biotite 10%, Plagioclase 30%
Rock: Granite
- TR-5** Texture: Recrystallized, medium to microcrystalline, metamorphosed
Minerals: Quartz 75%, K-feldspar 10%, Plagioclase 10%, Muscovite 5%
Rock: Granitic Gneiss
- TR-14** Texture: Recrystallized, medium to microcrystalline, metamorphosed
Minerals: Quartz 85%, K-feldspar 10%, Muscovite 5%
Rock: Granitic Gneiss

- WB-21** Texture: Medium grained crystalline
Minerals: Quartz 30%, K-feldspar 35%, Biotite 20%, Hornblend 5%, Plagioclase 10%
Rock: Granite
- WA-49** Texture: Medium to fine crystalline, some interlocking grains
Minerals: Quartz 40%, K-feldspar 50%, Biotite 10%
Rock: Granite
- WL-4** Texture: Chips contain only one mineral each, probably crystalline
Minerals: Quartz, Plagioclase, K-feldspar
Rock: Granite Wash
- WO-1** Texture: Coarse crystalline
Minerals: Quartz 35%, K-feldspar 20%, Plagioclase 20%
Rock: Granite
- WO-4** Texture: Microcrystalline
Minerals: Quartz clasts, Felsic groundmass
Rock: Rhyolite Tuff
- WO-10** Texture: Medium to coarse crystalline, altered Plagioclase
Minerals: Plagioclase 50%, Quartz 20%, K-feldspar 35%, Chlorite 5%
Rock: Diorite
- WO-12** Texture: Medium to coarse crystalline
Minerals: Plagioclase 55%, Quartz 10%, K-feldspar 20%, Augite 10%, Hornblend 5%
Rock: Diorite
- WS-1** Texture: Micro to medium crystalline, sutured grain boundaries, gneissic
Minerals: Quartz 50%, K-feldspar 20%, Biotite 10%, Plagioclase 20%
Rock: Gneiss
- WS-2** Texture: Heavily stained, sedimentary
Rock: Paleozoic Shale
- WS-3** Texture: Medium grained crystalline
Minerals: Plagioclase 70%, Pyroxene 20%, Opaques 10%
Rock: Diabase/Gabbro
- WS-4** Texture: Medium grained crystalline
Minerals: Plagioclase 40%, Pyroxene 20%, Opaques 40%
Rock: Diabase/Gabbro
- WS-8** Texture: Sedimentary, fine grained clastic
Rock: Conglomerate

Binocular Microscope Petrographic Descriptions

Renee Rohs

Summer 1997

KSAT-002

Depth: 2980-2990 ft

Size: Cuttings 1-3 mm

Shape: Angular to slightly rounded

Color: White, grey, pink, or fleshy

Texture: Sugary to finely crystalline

Minerals: Quartz >90%

Other accessory minerals including muscovite

Rock: Quartzite

KSBA-003

Depth: 3460 ft

Size: 4-6 mm

Shape: Irregular, commonly elongated

Color: Medium to dark grey

Texture: Crystalline (fairly coarse)

Minerals: Quartz 50%

Plagioclase 40%

Orthoclase 10%

Rock: Granite

*Other rounded grains within the cuttings included dark grey, fine grained, schist with distinct foliation and pink quartzite.

KSBT-507

Depth: 3550 ft

Size: Variable 3-6 mm

Shape: Irregular

Color: White, very light for igneous rock

Texture: Coarse crystalline

Minerals: Quartz 95%

Muscovite 2%

Hematite or graphite 3%

Rock: Quartz Pegmatite

*This is most likely a pegmatite vein with some hydrothermal mineral development

KSBT-509

Depth:

Shape: Angular/Irregular

Color: Various shades of grey

Texture: Coarse crystalline

Minerals: Quartz 80%
 Plagioclase 10%
 Muscovite 7%
 Biotite 2%
 Hornblend 1%

Rock: Granite

*Contamination with chips of overlying rock such as quartzite, slate, and possibly gneiss has occurred. However most of these grains were rounded and easily picked out.

*Good datable sample

KSBU-087

Depth: 1099 ft

Size: < 1 mm - 1 cm

Shape: Irregular shaped cuttings

Color: Medium grey, variable under microscope

Texture: Commonly crystalline

 Some sugary texture

 Some phyllite texture

Minerals: Quartz 40%
 Plagioclase 20%
 Hornblend 30%
 Biotite/Muscovite 10%

Rock: Amphibolitic Gneiss

*Thin section recommended

KSBU-088

Depth: 2179-2181 ft

Size: < 1 mm - 1 cm

Shape: Rounded indicating weathering

Color: Medium to light grey

Texture: Larger cuttings have sugary texture

Minerals: Quartz 99%

Rock: Quartzite (larger cuttings)

*Several other rock types in smaller cuttings so this is possibly a basal conglomerate at the Cambrian/Precambrian contact

KSBU-089

Depth: 2216-2221
Shape: Irregular shaped cuttings
Color: Fleshy pink
Texture: Crystalline but not well defined
Some sugary texture
Some phyllitic texture
Minerals: Quartz 40%
Orthoclase/Microcline 40%
Hornblend Amphibole 15%
Biotite/Muscovite 5%

Rock: Granitic Gneiss

KSBU-

Depth: 4010-4020 ft
Size: 8-12 mm
Shape: Angular
Color: Light grey
Texture: Coarsely crystalline
Minerals: Quartz 70%
Plagioclase 20%
Biotite 10%

Rock: Granite
*Good datable material

Sec. 6, T23S, R7E
Ron Jon Petro / Litten

KSCN-005

Depth: 5170-5250
Size: < 1 mm - 8 mm
Shape: Semi-angular to rounded
Texture: Primarily sugary texture
Some finely crystalline pieces
Some schistose texture
Minerals: Most large peices are primarily quartz
Other pieces contain quartz, muscovite, biotite, and amphibole

Rock: Quartzite (with some schist pieces)

KSCS-40

Depth: 3515 ft
Size: Approx. 6 mm
Shape: Flat chips
Color: Pink
Texture: Coarse crystalline possibly some coarse banding
Minerals: Quartz 40%
 Orthoclase 40%
 Biotite 10%
 Plagioclase 10%

Rock: Granitic Gneiss or Granite

KSCY-004

Depth: 3000-3011 ft
Size: 4-5 mm
Shape: Angular cuttings
Color: Light grey
Texture: Sugary with flaky fractures
Minerals: Quartz 99%

Rock: Quartzite

KSDC-161

Depth: 3950 ft
Size: 2-7 mm
Shape: Angular
Color: Pink
Texture: Crystalline, phaneritic
Minerals: Quartz 50%
 Orthoclase 35%
 Hornblend 10%
 Muscovite/Biotite 5%

Rock: Pink Granite

*Datable

KSEL-111

Depth: 3744-3780 ft

Size: <1 mm to 5 mm

Shape: Subangular to slightly rounded

Color: Various shades of grey for different rock clasts

Texture: Finely crystalline, crystalline, clastic

Minerals: Larger pieces appear to be quartz rich.
Possibly some orthoclase and biotite

Quality: Poor

Rock: Granite Wash

*It is difficult to determine what might be the Precambrian rock type because of the contamination by overlying rocks.

KSEW-059

Depth: 3165 ft

Cutting size: <1 mm - 1 cm

Grain size: Sand to silt

Color: White to grey

Texture: Fused siliciclastics

Minerals: Cannot be determined without thin section

Quality: Fair

Rock: Metamorphosed sandstone and siltstone

*Thin section recommended for better identification

*Metasediments in nearby wells

KSGH-043

Depth: ?

Size: 2-3 mm

Shape: Subangular

Color: White and pink

Texture: Crystalline, phaneritic

Minerals: Quartz 40%
Orthoclase 40%
Biotite 20%

Rock: Pink Granite

*Granite chips should be separated out if analyzed.

KSGH-054

Depth: 3695-3700 ft
Size: 1-4 mm
Shape: Subangular
Color: White and grey
Texture: Crystalline, phaneritic
Minerals: K-spar, Hornblend, Biotite, Quartz

Rock: Red Granite

KSGH-056

Depth: 3730 ft
Size: 2-8 mm
Shape: Subangular
Color: Light grey
Texture: Crystalline fairly fine
Minerals: Quartz, Biotite, and some K-feldspar

Rock: Shallow Granite

KSGH-061

Depth: 3646-3650 ft
Size: 3-6 mm
Shape: Subangular (maybe weathered or altered)
Color: White, grey, pink
Texture: Crystalline, phaneritic
Minerals: Quartz 70%
 Orthoclase 20%
 Biotite 10%

Rock: Granite

*Granite chips should be separated out if analyzed.

*Datable

KSHP-1 Harper County

Sec 17, T34S, R7W
Dublin Petrol. / Harmon

Depth: 6537 ft
Size: <1 mm - 5 mm
Shape: Angular
Color: Pink to Red
Texture: Crystalline

Minerals: Quartz 40%
 K-feldspar 40%
 Hornblend / Biotite 20%

Rock: Granite

*There is enough sample that the granite pieces could be picked and analyzed.

*Sample is primarily granite wash but some pieces of granite are visible and have been described here.

KSNM-021

Depth: 1019 ft
Core Sample
Size: 1ft long
Shape: Angular fracture
Texture: Gneissic with easily visible banding
Minerals: Quartz 40%
 Orthoclase 20%
 Biotite 15%
 Muscovite 15%
 Hornblend 10%

Rock: Granitic Gneiss

KSNM-051

Size: 3-5 mm
Shape: Subangular to subrounded
Color: Grey
Texture: Fine-grained crystalline
Minerals: Felsic

Rock: Rhyolite

KSNM-052

Depth: 3930-3941 ft
Size: 0.5-5 mm
Shape: Angular , flat chips
Color: Pink
Texture: Recrystallized crystalline
Minerals: Quartz 45%
 K-feldspar 50%
 Biotite 5%

Rock: Granitic gneiss or granite

*Thin section recommended

*Thin section descriptions of Precambrian rocks in this area were identified as Sheared Quartz Monzonite.

KSNM-054

Depth: 2370-2400 ft

Size: 2-10 mm

Shape: Angular, flat chips

Color: Pink

Texture: Recrystallized crystalline

Minerals: Quartz 60%
 K-feldspar 30%
 Biotite 10%

Rock: Granitic gneiss or shallow granite

*This is very similar to other samples in Nemaha County associated with the Nemaha uplift.

KSNM-058

Size: < 2 mm

Shape: Angular to subangular

Color: Pink

Texture: Recrystallized crystalline

Minerals: Quartz 60%
 K-feldspar 30%
 Biotite 10%

Rock: Granitic gneiss or shallow granite

KSNM-059

Size: 8-10 mm

Shape: Subangular large chips

Color: Pink

Texture: Recrystallized crystalline

Minerals: Quartz 60%
 K-feldspar 30%
 Biotite 10%

Rock: Granitic gneiss or shallow granite

*This sample is just more of the same rock but nice large chips

*Thin section descriptions of Precambrian rocks in this area were identified as Sheared Quartz Monzonite.

KSNM-060

Size: 8-10 mm

Shape: Subrounded

Color: Yellow and grey

Texture: Crystalline

Minerals: Quartz 40%
 K-feldspar 50%
 Biotite 10%

Rock: Weathered granite

*Greater than 60% contamination from overlying layers

*Some banding of minerals

KSNM-063

Depth: 2720-2730 ft

Size: 3-7 mm

Shape: Subangular

Color: Pink

Texture: Crystalline

Minerals: K-feldspar, quartz, biotite

Rock: Ganite

KSNT-378

Size: 5-10 mm

Shape: Angular to subangular

Color: Speckled grey and white

Texture: Crystalline

Minerals: Quartz 40%
 K-feldspar 20%
 Plagioclase 10%
 Biotite 20%
 Hornblend 10%

Rock: Granite or Granodiorite

*Thin section recommended for correct identification

KSNT-379

Size: 3-5 mm
Shape: Angular
Color: Medium grey
Texture: Coarsely crystalline
Minerals: Quartz 30%
 K-feldspar 5%
 Plagioclase 30%
 Biotite 5%
 Hornblend 20%

Rock: Diorite

*This sample has minimum contamination from the overlying layers

KSNT-385

Depth: 3810-3830 ft
Size: 1-4 mm
Shape: Subrounded
Color: Tan
Texture: Coarsely crystalline
Minerals: Quartz

Rock: Granite Wash

KSNT-396

Depth: 3686 ft
Size: 3-5 mm
Shape: Angular
Color: Medium grey
Texture: Crystalline
Minerals: Quartz, K-feldspar, Muscovite, Biotite

Rock: Granite

KSPR-009

Depth: 5170-5210 ft
Size: 3-5 mm
Shape: Subangular
Color: Light grey to pink
Texture: Coarsely crystalline with several pieces are individual minerals
Minerals in sample: Biotite books 20%

K-feldspar 30%
Plagioclase 20%
Quartz 30%

Rock: Biotite granite

KSPR-010

Depth: 5050-5100 ft
Size: 3-7 mm
Shape: Angular
Color: Pink, white, grey
Texture: Coarsely crystalline
Minerals: Quartz 30%
K-feldspar 40%
Plagioclase 10%
Biotite 10%
Hornblend 10%

Rock: Granite

KSPR-008

Depth: 5805 ft
Size: 1-4 mm
Shape:
Color: Light grey
Texture: Sugary crystalline / Weathered crystalline
Minerals: >90% Quartz / Quartz 30%
K-feldspar 5%
Biotite 5%

Rock: Quartzite / Weathered granite

*This sample contains two distinct rock types that may both be of Precambrian age

KSPT-079

Depth: 2540-2550 ft
*There are no distinct cuttings in this sample that are representative of other Precambrian rock in the area.
*The most distinct cuttings are described here
*Probably metasediments near the Cambrian-Precambrian boundary
Size: 1-3 mm
Shape: Rounded to subrounded

Color: White
Texture: Fused granular
Minerals: Quartz 90%
Cement 10%

Rock: Metasediments

KSPT-080

Depth: 3200-3300 ft
Size: 3-5 mm
Shape: Subangular to subrounded
Color: Light grey
Texture: Fine crystalline / Sugary
Minerals: Felsic / >90% Quartz

Rock: Rhyolite / Quartzite

*There are two distinct rock types within this sample that could be classified as Precambrian.

KSPL-

Sec 31, T5S, R20W
NW NE SE

Depth: 3670-3680 ft
Size: 2-10 mm
Shape: Subangular
Color: Grey, pink
Texture: Crystalline
Minerals: Quartz 70%
K-feldspar 15%
Biotite/Hornblend 15%

Rock: Granite

*There were several different samples representing various depths but the rock type appeared to be the same in all of them.

KSRC-204

Depth: 3300-3320 ft
Size: 3-5mm
Shape: Subrounded
Color: White
Texture: Sugary, recrystallized
Minerals: Primarily quartz

Rock: Quartzite

KSRH-359

Depth: 3550-3570 ft
Size: <1-7mm
Shape: Subrounded
Color: White and light grey
Texture: Possibly crystalline for white cuttings
Minerals: Primarily quartz

Rock: Quartz vein or quartzite

*Sample needs to be cleaned. Difficult to determine lithology.

*Weathered material

*Thin section recommended for proper identification

KSRH-380

Depth: 3590-3620 ft
Size: 1-2mm
Shape: Subangular
Color: Grey
Texture: Possibly crystalline
Minerals: Quartz, K-feldspar, Hornblend, Biotite

Rock: Granite Wash, Granite

KSRH-381

Depth: 3600-3610 ft
Size: 1-2mm
Shape: Angular
Color: Light grey
Texture: Possibly crystalline
Minerals: Quartz, Biotite, K-feldspar

Rock: Granite Wash, Granite

KSRL-041

Depth: 4400-4439 ft
Size: 3-5 mm
Shape: Angular to subangular
Color: Dark grey, charcoal
Texture: Crystalline

Minerals: Plagioclase feldspar 80%
Mafic minerals 20%
Amphibole
Pyroxene

Rock: Diabase/Gabbro

*Hand picked cuttings described

*Raw cuttings include contamination from overlying units

KSRO-136

Depth: 3650-3660 ft

Size: 1-5 mm

Shape: Subangular

Color: Pinkish grey

Texture: Crystalline

Minerals: Quartz 60%
K-feldspar 30%
Muscovite
Biotite 10%
Plagioclase?

Rock: Weathered Pink Granite

KSRO-137

Depth: 3515-3533 ft

Size: 3-8 mm

Shape: Subangular

Color: Medium grey

Texture: Crystalline or recrystallized crystalline
Banding of dark minerals

Minerals: Quartz 30%
K-feldspar 30%
Biotite 30%
Hornblend or chlorite 10%

Rock: Gneiss

*Thin section recommended

KSRO-140

Depth: 3670-3710 ft
Size: <1-3 mm
Shape: Subangular
Color: Medium grey
Texture: Fine crystalline
Minerals: Quartz, Biotite

Rock: Granite

KSRO-146

Depth: 3630-3635 ft
Size: 1-5 mm
Shape: Angular
Color: Grey and pink
Texture: Crystalline
Minerals: K-feldspar, Quartz, Biotite

Rock: Granite

KSRO-147

Depth: 3510-3518 ft
Size: 1-5 mm
Shape: Subrounded
Color: Medium grey
Texture: Sheared crystalline
Minerals: K-feldspar, Quartz, Biotite

Rock: Granite Gneiss

KSRO-149

Depth: 3530-3555 ft
Size: 2-4 mm
Shape: Subrounded
Color: Reddish grey
Texture: Crystalline
Minerals: K-feldspar, Quartz, Hornblend

Rock: Granite

KSRO-154

Size: 3-6 mm
Shape: Subangular
Color: Pink and grey
Texture: Crystalline
Minerals: Quartz, Biotite, Hornblend

Rock: Granite (Weathered)

KSRS-

Depth: 3440-3572
Size: 5-10 mm
Shape: Flat chips with angular fractures
Color: Pink
Texture: Crystalline
Minerals: Quartz 60%
 K-feldspar 30%
 Biotite 10%

Rock: Pink Granite

*Thin section recommended

KSRS-574

Depth: 3315-3325 ft
Size: 2-5 mm
Shape: Subangular
Color: Light grey
Texture: Crystalline, some coarsely crystalline
Minerals: Quartz 75%
 K-feldspar 20%
 Biotite and accessory minerals 5%

Rock: Weathered Granite

*Some contamination from overlying units

KSRS-578

Depth: 3440-3450 ft
Size: 2-6 mm
Shape: Angular
Color: Reddish

Texture: Crystalline
Minerals: K-feldspar, Quartz, Biotite

Rock: Weathered Granite

KSRS-583

Depth: 3143-3150 ft
Size: 2-5 mm
Shape: Rounded
Color: Grey
Texture: Fine crystalline
Minerals: ?
Rock: Rhyolite or Granite Wash

KSSG-17

Size: 3-5 mm
Shape: Angular fracture
Color: Medium grey
Texture: Crystalline (fine to medium)
Minerals: Most minerals are too small to identify under binocular scope however
some biotite flecks present and K-feldspar phenocrysts.

Rock: Rhyolite or felsite
*Thin section recommended
*More than one rock type present

MOSH-13

Depth: 3772-3795 ft
Size: Core piece
Color: Light grey
Texture: Coarsely crystalline
Minerals: Quartz 80%
K-feldspar 10%
Biotite/Hornblend 10%

Rock: Granite

MOSH-36

Depth: 2074-2086 ft
Core Sample
Color: Reddish
Texture: Crystalline (fine with some phenocrysts)
Minerals: Felsic
K-feldspar phenocrysts

Rock: Rhyolite

*Thin section recommended

KSST-1

Core Sample

Texture: Coarsely crystalline

Color: Light grey

Minerals: Quartz 60%
 Feldspars 40%

Rock: Granite

KSSM-3

Depth: 4700 ft

Size: 1-2 mm

Shape: Angular

Color: Grey and beige

Texture: Coarsely crystalline

Minerals: Quartz 45%
 K-feldspar 20%
 Muscovite 15%
 Biotite 15%
 Hornblend 5%

Rock: Granite

KSSU-9 (?)

Size: 1-8 mm

Shape: Subangular

Color: Grey

Texture: Crystalline

Minerals: Primarily quartz
 Some biotite evident
 Other minerals are too small

Rock: Quartz Monzonite/Felsite

KSWs-11

Depth: 2838-2834 ft
Core and small cuttings
Cuttings <1 mm
Composition: Intermediate
Texture: Finely Crystalline

Rock: Andesite or Diabase??
*Thin section recommended

KSWs-12

Depth: 2736 ft
Core and small cuttings
Cuttings <2 mm
Composition: Intermediate
Texture: Finely Crystalline

Rock: Andesite or Diabase??
*Thin section recommended

The original database contained 3400+ reported penetrations and the current master database contains 3800+ so that approximately 400 new entries were added. Due to its ever increasing size it has become necessary to take steps in moving this database from a spreadsheet format to an interactive electronic database. Kurt Look is currently in the process of creating the database framework in an ORACLE format. Once completed it will be possible to search the database for specific information such as Precambrian penetrations into mafic intrusive rock or samples available in Sumner County. This effort has made the Precambrian database more accessible and usable for future research in the areas of petroleum, geophysics, and crustal studies within the state of Kansas.

Looking toward the future, additional verified lithologies by thin section or binocular microscope examination would enhance the database and provide more concrete evidence for geologic mapping of the basement terrain. Isotopic analyses of key samples in southern and southwestern Kansas might also provide insight to crustal boundaries controlling basin development. Finally, all of this information would be best represented in a GIS (Geographic Information Systems) format such as ARCINFO. This format would link a visual map of Kansas showing the location of Precambrian penetrations to a table with information such as elevations, rock type, sample availability, and all of the other attributes associated with the individual entries.