STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-147-20,507-80-00
LEASE NAME MORGAN
WELL NUMBER 2

4447' Ft. from S Section Line
4471' Ft. from E Section Line
SEC. 15 TWP. 4 S RGE. 19 XRXX(X)
COUNTY PHILLIPS

Date Well Completed 9-3-88
Plugging Commenced 12-22-88
Plugging Completed 12-22-88

The plugging proposal was approved on DECEMBER 1, 1988 & DECEMBER 21, 1988
by SHARI FEIST & DALE BALTHAZOR (HAYS DISTRICT) (KCC District Agent's Name).

Is ACO-1 filed? YES If not, is well log attached? TO ACO-1 & CP-1

Producing Formation LKC & TORONTO Depth to Top 3258' Bottom 3473' T.D. 3500'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

<table>
<thead>
<tr>
<th>Formation</th>
<th>Content</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Put In</th>
<th>Pulled out</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURFACE</td>
<td></td>
<td>0'</td>
<td>218'</td>
<td>8 5/8''</td>
<td>3498'</td>
<td>1500'</td>
</tr>
<tr>
<td>PRODUCTION</td>
<td></td>
<td>0'</td>
<td>3498'</td>
<td>5 1/2''</td>
<td>3498'</td>
<td>1500'</td>
</tr>
</tbody>
</table>

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the bore hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set. PLUGGED BACK TO 3180' WITH SAND & 5 SACKS OF CEMENT ON TOP.

3180' TO SURFACE WITH 500 SACKS OF 60/40 POSMITX, 8% GEL. AND 500# HULLS.

(If additional description is necessary, use back of this form.)

Name of Plugging Contractor PLAINS INC. License No. 16-1-01

Address P. O. BOX 346 NESS CITY, KANSAS 67560

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: AMERICAN PETROLEUM COMPANY, INC.

STATE OF KANSAS COUNTY OF SEDGWICK, ss.

AMERICAN PETROLEUM COMPANY, INC. (Employee of Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well is filed that the same are true and correct, so help me God.

(Signature) 3500 N. ROCK ROAD, BLDG. 1300

(Address) WICHITA, KS. 67226

SUBSCRIBED AND SWORN TO before me this 23RD day of DECEMBER, 1988

My Commission Expires: May 3, 1990

Notary Public
EMPHASIS OIL OPERATIONS
P. O. BOX 506
RUSSELL, KS 67665

15-147-80607-00-00

DRILLERS LOG

OPERATOR: American Petroleum Co., Inc.  
3500 N. Rock Rd., #1300  
Wichita, Kansas 67226

CONTRACTOR: Emphasis Oil Operations  
Box 506  
Russell, KS 67665

LEASE: Morgan  
WELL #2

LOCATION: Approx. SE NW NW  
Section 15- 4S-19W  
Phillips County, Kansas

LOGGERS TOTAL DEPTH: 3500'

RECEIVED
STATE CORPORATION COMMISSION

ROTARY TOTAL DEPTH: 3499'

CONSERVATION DIVISION
Wichita, Kansas

COMMENCED: 8/29/88

ELEVATION: 2076' K.B.

STATUS: Oil Well

COMPLETED: 9/3/88

DEPTH & FORMATIONS

(All measurements from K.B.)

Top Soil, Sand & Clay
Shale
Dakota Sand
Red Bed
Cedar Hills Sand
Red Bed
Anhydrite

85'
643'
810'
870'
1062'
1574'
1600'

Red Bed
Shale
Top of Topeka
Top of Heebner
Top of Lansing-Kansas City
R.T.D.

1900'
3009'
3010'
3211'
3256'
3499'

STATE OF KANSAS )
) ss
COUNTY OF RUSSELL)

Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true
and correct log of the above captioned well, to the best of his knowledge.

Kyle B. Branum

Subscribed and sworn to before me on September 7, 1988.