WELL PLUING RECORD

Phillips County, Sec. 3 Twp. 5 Rge. 20 (E) (W)

Location as "NE/CNWSWSE" or footage from lines NW SE 20

Lease Owner: Bankoff Oil Co.

Lease Name: Brown

Well No: #1

Office Address: Drawer 2479 - Tulsa, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole):

Date well completed: 8-23-68

Application for plugging filed: 8-23-68

Application for plugging approved: 8-26-68

Plugging commenced: 8-28-68

Plugging completed: 8-28-68

Reason for abandonment of well or producing formation:

If a producing well is abandoned, date of last production:

Was permission obtained from the Conservation Division or its agents before plugging was commenced:

Name of Conservation Agent who supervised plugging of this well:

Producing formation:

Depth to top:

Bottom:

Total Depth of Well: 3410' Feet

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>
</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 hole. If cement or other plugs were used, state the character of same and depth placed, from _______ feet to _______ feet for each plug set.

Made bottom hole plug back with sand to 3080'. Mixed and ran 5 sacks cement thru dump hauler.

Squeezed hole with 8 sacks builis, 30 sacks gel and 150 sacks cement to base of collar.

STATE OF: Kansas

COUNTY OF: Barton

Southwest Casing Pulling Co., Inc. (employee of owner) or (owner or operator) of the 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 as filed and that the same are true and correct. So help me God.

(Signature)

Address:

Subscribed and sworn to before me this day of , 1968

My commission expires: October 1968

Notary Public.
October 6, 1946

Subject: Helmerich & Payne No. 1 Brown, NW NE SE, Sec.3, T.58, R.20W,
Phillips County, Kansas

Helmerich & Payne, Inc.,
415 Philtower
Tulsa 3, Oklahoma

Following is a report on your No. 1 Brown, in Sec.3, T.58, R.20W,
Phillips County, Kansas:

Elevation: 1979
Anhydrite, (Electric Log) 1497 - 482
Keeler Shale 3068 - 1089
Lansing-Kansas City 3094 - 1115
Base Kansas City 3320 - 1341
Arbuckle 3384 - 1405

The above tops, as determined from samples and drilling time, are corrected to derrick floor measurements.

Samples were examined on the No. 1 Brown from 2350 and drilling was watched from 3075 to total depth.

There were no oil shows above the Lansing-Kansas City section in the No. 1 Brown. Several zones of porosity are present in the Lansing-Kansas City as follows:

(1) 3104 to 3112, Poor porosity, light staining.
(2) 3134 to 3149, Fair porosity, good oil odor and saturation.
(3) 3153 to 3167, Fair odor, good porosity, spotted saturation.
(4) 3180 to 3190, Good porosity, fair to poor saturation.
(5) 3194 to 3200, Fair porosity and saturation.

In order to test the show of oil in the upper part of the Lansing-Kansas City, a Halliburton Drill Stem Test was made at a total depth of 3165, with packer set at 3134. The tool was left open a total of 25 minutes and recovered 870 feet of fluid. 780 feet of this fluid was maddy gas cut oil and 90 feet was water. Bottom hole pressure as shown on the chart was 1050 pounds.

The section from 3320 to 3342 is a fine grained sand to sandy shale. This section carries no oil staining. From 3342 to 3378, the section consists principally of weathered red and grey shales.

A fine grained dolomitic sand carrying considerable oil saturation is present from 3378 to 3380.