STATE OF KANSAS  
STATE CORPORATION COMMISSION  
WELL PLUGGING RECORD  
K. A.R. - 82 - 3 - 117  

API NUMBER  
Drilling Completed  
May, 1953  

LEASE NAME  
Lawson "A"  

WELL NUMBER  
#1  

2970  
Ft. from S Section Line  

2970  
Ft. from E Section Line  

SEC. 36  
TWP. 35  
RGE. 24  
(K XXX W)  

COUNTY  
Norton  

Date Well Completed  
5 - 7 - 53  

Plugging Commenced  
2:50 P.M.  

5 - 12 - 88  

Plugging Completed  
4:00 P.M.  

5 - 12 - 88  

LEASE OPERATOR  
John O. Farmer, Inc.  

ADDRESS  
P.O. Box 352, Russell, KS 67665  

PHONE# (913) 483 - 3144  

OPERATORS LICENSE NO.  5135  

Character of Well  Oil  

(Oil, Gas, D&A, SWD, Input, Water Supply Well)  

The plugging proposal was approved on  
May 7, 1988  

by  
(Dennis Hamel)  
(KCC District Agent's Name)  

Is ACO-1 filed?  
No  
If not, is well log attached?  
Yes  

Producing Formation  
Arbuckle  

Depth to Top  
3778'  

Bottom 3790' T.D. 3790'  

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

OIL, GAS OR WATER RECORDS  

| CASING RECORD  
| Formation  | Content | From | To | Size | Put In | Pulled out |
| Arbuckle | Oil | 3778' | 90' | 8 - 5/8" | 5 - 1/2" | 170' | -0- |

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 each set.  

Down the 5 - 1/2" casing @ 1000# maximum pressure. Mixed 4 sks. hulls w/125 ska, cement and shut in @ 900#.  

Down annulus (8 - 5/8" casing) @ 200# maximum pressure. Mixed 1 sk. hulls w/75 ska, cement and shut in @ 150#. The casing was perforated 3 shots @ 1350' prior to cementing.  

Name of Plugging Contractor  
John O. Farmer, Inc.  

License No.  5135  

Address  
P.O. Box 352, Russell, KS 67665  

STATE OF  
Kansas  
COUNTY OF  
Russell  

John O. Farmer III  
(Operator) of  
above-described well, being first duly sworn, says: That I have knowledge of the facts, statements, and matters herein contained, and that the log of the above-described well as filed that the same are true and correct, so help me God.  

(Signature)  
John O. Farmer III  

Address  
P.O. Box 352, Russell, KS 67665  

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 27, 1988  

SUBSCRIBED AND SWORN TO before me this 26th day of May, 1988  

MARGARET A. SCHULTE  
Notary Public  

January 27, 1989  
Margaret A. Schulte  

NOTARY PUBLIC - State of Kansas  
1 YEAR APPT. EXPIRES  
January 27, 1989  
Margaret A. Schulte  

Form CP-4  
Revised 07-87
OPERATOR: Jones, Shelburne & Farmer, Inc.
ADDRESS: Russell, Kansas

COUNTY: Norton
COMPANY OPERATING: Jones, Shelburne & Farmer
OFFICE ADDRESS: Russell, Kansas
FARM NAME: Lawson
WELL NO.: 1
DRILLING STARTED: 4-27-1953
DATE OF FIRST PRODUCTION: 5-7-1953
WELL LOCATED: NE 1/4 SW 1/4 NW 1/4, North of South Line and East of West Line of Quarter Section
ELEVATION: Relative to sea level
DEBRICK FLOOR: 2469 R.B.
CHARACTER OF WELL: (Oil, gas or dry hole) Oil

OIL OR GAS SANDS OR ZONES

<table>
<thead>
<tr>
<th>Name</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>152</td>
</tr>
<tr>
<td>2</td>
<td>152</td>
<td>925</td>
</tr>
<tr>
<td>3</td>
<td>925</td>
<td>1590</td>
</tr>
</tbody>
</table>

PERFORATING RECORD I A M

<table>
<thead>
<tr>
<th>Formation</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil clay-shale</td>
<td>0</td>
<td>152</td>
</tr>
<tr>
<td>Shale-shells</td>
<td>152</td>
<td>925</td>
</tr>
<tr>
<td>Shale-shells-sand</td>
<td>925</td>
<td>1590</td>
</tr>
<tr>
<td>Shale-shells</td>
<td>1590</td>
<td>1680</td>
</tr>
<tr>
<td>Sand</td>
<td>1680</td>
<td>1805</td>
</tr>
<tr>
<td>Shale-redbed</td>
<td>1805</td>
<td>2050</td>
</tr>
<tr>
<td>Anhydrite</td>
<td>2050</td>
<td>2085</td>
</tr>
<tr>
<td>Shale-shells</td>
<td>2085</td>
<td>2770</td>
</tr>
<tr>
<td>Shale-lime</td>
<td>2770</td>
<td>3210</td>
</tr>
<tr>
<td>Lime-shale</td>
<td>3210</td>
<td>3790</td>
</tr>
</tbody>
</table>

TOPS:

Elevation: 2469 R.B.
Heebner 3491
Toronto 3515
Lansing 3532
Arbuckle 3778
T.D. 3790

CASING RECORD

<table>
<thead>
<tr>
<th>Size</th>
<th>Wt.</th>
<th>Thds.</th>
<th>Make</th>
<th>Ft.</th>
<th>Ft.</th>
<th>Length</th>
<th>Depth Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 5/8</td>
<td>24 8</td>
<td>smlsa</td>
<td>170</td>
<td>none</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 1/2</td>
<td>3779</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

LINER RECORD: Amount.

CEMENTING AND MUDDING

<table>
<thead>
<tr>
<th>Size</th>
<th>Amount Set</th>
<th>Sacks Cement</th>
<th>Chemical</th>
<th>Method of Cementing</th>
<th>Amount Mudding Method</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 5/8</td>
<td>170</td>
<td>135</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 1/2</td>
<td>3779</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTE: What method was used to protect sands if outer strings were pulled?
NOTE: Were bottom hole plugs used? If so, state kind, depth set and results obtained.

TOOLS USED

Rotary Tools were used from . . . . feet to . . . . feet.
Cable tools were used from . . . . feet to . . . . feet.

INITIAL PRODUCTION TEST

Describe initial test: whether by flow through tubing or casing or by pumping.

Amount of Oil Production: . . . . bbls.
Size of choke, if any.
Length of test.
Water Production: . . . . bbls.
Gravity of oil.
Type of Pump or pump is used, describe.

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

[Signature]
Vice-President

Subscribed and sworn to before me this 15th day of May, 1953.

My Commission expires April 23, 1956.

Notary Public.
<table>
<thead>
<tr>
<th>Depth</th>
<th>Formation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-152</td>
<td>Soil Clay - Shale</td>
</tr>
<tr>
<td>152-652</td>
<td>Shale - Shells</td>
</tr>
<tr>
<td>652-925</td>
<td>Shale - Shells</td>
</tr>
<tr>
<td>925-1550</td>
<td>Shale - Shells - Sand</td>
</tr>
<tr>
<td>1550-1680</td>
<td>Shale - Shells</td>
</tr>
<tr>
<td>1680-1805</td>
<td>Sand</td>
</tr>
<tr>
<td>1805-2050</td>
<td>Shale - Red Bed</td>
</tr>
<tr>
<td>2050-2060</td>
<td>Anhydrite</td>
</tr>
<tr>
<td>2060-2085</td>
<td></td>
</tr>
<tr>
<td>2085-2395</td>
<td>Shale - Shells</td>
</tr>
<tr>
<td>2395-2590</td>
<td>Shale - Shells</td>
</tr>
<tr>
<td>2590-2770</td>
<td></td>
</tr>
<tr>
<td>2770-2975</td>
<td>Shale - Lime</td>
</tr>
<tr>
<td>2975-3075</td>
<td></td>
</tr>
<tr>
<td>3075-3210</td>
<td></td>
</tr>
<tr>
<td>3210-3335</td>
<td>Lime - Shale</td>
</tr>
<tr>
<td>3335-3410</td>
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<tr>
<td>3410-3570</td>
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<td>3570-3526</td>
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<td>3526-3562</td>
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<td>3615-3675</td>
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<td>3675-3735</td>
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<tr>
<td>3735-3773</td>
<td></td>
</tr>
<tr>
<td>3773-3790</td>
<td>T. D.</td>
</tr>
</tbody>
</table>

**Certificate**

State of Kansas  
County of Decatur

I hereby certify that the foregoing is to the best of my knowledge and belief a full, true correct drilling log as shown by the daily drilling reports in connection with the aforesaid well.

[Signature]

For Savage-Dunn Drilling Co.

Subscribed and sworn before me, the undersigned, a notary public this--------day of ---------1953

My commission expires-------------------