WELL PLUGGING RECORD

Graham County, Sec. 16 Twp. 7S, Rge. 22, NE 1/4 (W)

Location as "NE/CNWSNW" or footage from lines NE SE NW

Lease Owner: Murfin Drilling Co., et al

Lease Name: Worcester "A"

Well No.: 2

Office Address: 507 Union National Bank Bldg., Wichita, Kansas

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

Date well completed: 1-5-54

Application for plugging filed: 1-5-54

Application for plugging approved: 1-5-54

Plugging commenced: 1-5-54

Plugging completed: 1-5-54

Reason for abandonment of well or producing formation: Dry Hole

If a producing well is abandoned, date of last production: 10

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

Name of Conservation Agent who supervised plugging of this well: Mr. Eldon Petty, Box 326, Hays, Kansas

Producing formation: Depth to top: 3890 Feet

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

OIL, GAS OR WATER RECORDS

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<tr>
<th>FORMATION</th>
<th>CONTENT</th>
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CASING RECORD

<table>
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<tr>
<th>FORMATION</th>
<th>CONTENT</th>
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<tr>
<td>8 5/8</td>
<td>151'</td>
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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.

Filled hole to 145 feet and set first plug, Displaced

1/2 sack hulls and 15 sacks cement, Filled hole to

45 feet and set second plug, Displaced 1/2 sack hulls

and 10 sacks cement.

Feb 25, 1954

Name of Plugging Contractor: Murfin Drilling Company

Address: 507 Union National Bank Bldg., Wichita, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.

W. R. Murfin (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)

W. R. Murfin

507 Union National Bank Bldg., Wichita, Ks.

Address: 507 Union National Bank Bldg., Wichita, Ks.

SUBSCRIBED AND SWORN TO BEFORE ME this 23rd day of February, 1954.

Edna Sieman

Notary Public

My commission expires 7-20-57
company: Murfin Drilling Co., etal

farm: Worcester "A

sec: 16 t. 7s r. 22w

log: ne se nw

county: Graham

kansas

elevation: 2331 r.b.

production: d-a

Total depth: 3890

Comm: 12-22-53

Comp: 1-5-54

Contractor: Murfin Drilling Company

Casing:

20 10
15 8 5/8 151'
12 6
13 5

Figures indicate bottom of formations

35  Sand, Shale
151  Shale, Shells
400  Blue Shale
920  Shale, Shells
1025  Sand, Shale
1105  Red Rock, Shells
1280  Shale, Shells, Sand
1525  Shale, Shells
1680  Sand, Shale
1945  Red Bed
1980  Anhydrite
2530  Red Rock, Shale, Shells
2670  Lime, Shale
3255  Shale, Lime
3470  Lime, Shale
3750  Lime
3807  Lime, Shale
3875  Lime, Shale
3890  Conglomerate

Tops:

Topeka  3322 - 991
Heebner  3512 - 1181
Toronto  3533 - 1202
L.K.C.  3551 - 1220
Beckley  3755 - 1424
Chy. Congl.  3860 - 1529
R.T.D.  3890 - 1559

State of Kansas

County of Sedgwick

W. R. Murfin

of the company

Murfin Drilling

upon oath state that the above is a true and correct copy of the log of the Worcester "A" 2 well.

Subscribed and sworn to before me this 22nd day of February 1954

My Commission Expires: 7-20-57

Notary Public

Signature