STATE OF KANSAS 
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Graham County, Sec. 3, Twp.7S, Rge. 25 E/W
Location as "NE-CNW/4SW4" or footage from lines NW SE

Lessee Name Jinkins Oil Company, Inc.
Lease Name Dugan
Lease No. 1
Office Address 411 Farmers & Bankers Bldg., Wichita, KS 67202
Character of Well (Completed as Oil, Gas or Dry Hole)

Dry Hole
Date Well completed 12-16-1977
Application for plugging filed 12-16-1977
Application for plugging approved 12-16-1977
Plugging commenced 12-16-1977
Plugging completed 12-16-1977
Reason for abandonment of well or producing formation

If a producing well is abandoned, date of last production
19
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 Gilbert Balthazor
Producing formation

OIL, GAS OR WATER RECORDS

STATION CONTENT FROM TO SIZE PUT IN PULLED OUT

8-5/8" 258 -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 for each plug set.

Mud laden fluid 3910 to 1100'
70 sks cement @ 1100'
20 sks cement @ 240'
10 sks cement @ 40'

Casing Record

STATE OF KANSAS
COUNTY OF RUSSELL

Joe K. Branum (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) 

Box 506, Russell, KS 67665

SUBSCRIBED AND SWORN TO before me this 16th day of December, 1977

My commission expires October 2, 1979

Notary Public.
EMPHASIS OIL OPERATIONS
P. O. Box 506
Russell, Kansas 67665

15-065-20971-00-00

DRILLERS LOG

OPERATOR: Jinkins Oil Company, Inc.
411 Farmers & Bankers Bldg.
Wichita, Kansas 67202

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, Kansas 67665

LEASE: Dugan
WELL: #1
LOCATION: NW SE
Section 3-78-25W
Graham County, Kansas

Total Depth: 3910'
Commenced: 12-5-77
Casing: 8-5/8" @ 258'

Elevation: 2514' K.B.
Completed: 12-14-77
Status: Dry Hole

DEPTHS & FORMATIONS
(All measurements from K.B.)

<table>
<thead>
<tr>
<th>Formation</th>
<th>Depth</th>
<th>Description</th>
<th>K.B.</th>
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</thead>
<tbody>
<tr>
<td>Surface soil &amp; Shale</td>
<td>266</td>
<td>Shale &amp; Lime</td>
<td>3130</td>
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<tr>
<td>Shale</td>
<td>1597</td>
<td>Lime &amp; Shale</td>
<td>3635</td>
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<tr>
<td>Sand &amp; Shale</td>
<td>1925</td>
<td>Shale &amp; Lime</td>
<td>3760</td>
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<tr>
<td>Shale</td>
<td>2148</td>
<td>Lime</td>
<td>3786</td>
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<td>Anhydrite</td>
<td>2181</td>
<td>Lime &amp; Shale</td>
<td>3804</td>
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<tr>
<td>Shale</td>
<td>2694</td>
<td>Lime (R.T.D.)</td>
<td></td>
</tr>
</tbody>
</table>

STATE OF KANSAS )
COUNTY OF RUSSELL ss

I, Joe K. Branum, of Emphasis Oil Operations, state that the above and
foregoing is a true and correct log of the above captioned well.

Joe K. Branum

Subscribed and sworn to before me this 16th day of December, 1977.

Notary Public