WELL PLUGGING RECORD

Harper County

Location as "NE/4 NW/4 SW/4" or footage from lines NE/4, NE/4, SE/4

Lease Owner: Skelly Oil Company

Lease Name: M. H. King

Office Address: 1860 Lincoln St., Denver, Colorado 80203

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

Date well completed: October 2, 1957

Application for plugging filed: December 12, 1956

Application for plugging approved: December 16, 1956

Plugging commenced: January 10, 1957

Plugging completed: January 11, 1957

Reason for abandonment of well or producing formation: Pumping unit cratered - Un economical to repair

If a producing well is abandoned, date of last production: August 12, 1958

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. R. J. Warren

Producing formation: Simpson Sand

Depth to top: 4722' Bottom: Total Depth of Well 4939' 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>
<tbody>
<tr>
<td>Simpson Sand</td>
<td>Oil</td>
<td>4722'</td>
<td>4727'</td>
<td>5-7/8&quot;</td>
<td>621'</td>
<td>None</td>
</tr>
</tbody>
</table>

GASING RECORD

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.

Sand

5 sacks of cement

Mud

Rock bridge

25 sacks of cement

Rock bridge

10 sacks cement

Surface soil

Cellar to Surface

CASING RECORD

Address of Well: 1860 Lincoln St., Denver, Colo. 80203

Name of Plugging Contractor: Russ Wasing Pulling, Inc.

Name of Conservation Agent: Mr. R. J. Warren

STATE OF Colorado

COUNTY OF Denver

Leland Franz, (employee of owner) or (owner) 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)

Leland Franz

1860 Lincoln St., Denver, Col. 80203

Subscribed and sworn to before me this 14th day of January, 1959.

Notary Public.

My commission expires: June 17, 1970.
### CASING RECORD

<table>
<thead>
<tr>
<th>Date</th>
<th>Well Code</th>
<th>Casing Set</th>
<th>Casing Perforations</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-5/19</td>
<td>45-19</td>
<td>3.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-5/19</td>
<td>46-19</td>
<td>3.4</td>
<td></td>
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</tr>
</tbody>
</table>

**Notes:**
- Casing perforations open:
Sand, shale, and lime
4762 4786
Sand and lime
4786 4802
Line
4802 4939

TOTAL DEPTH 4939'

TOP ARABUCKLE LINE 4639'
Run Schlumberger Survey
Run Velocity Survey

Set and cemented 5½" OD, 14/32nds thick., 5½" casing tested dry. Perforated 5½" casing from 4722' to 4729' with 42 holes by Lane-Wells; swabbed through 5½" casing 24 hours, 75 barrels of oil and 20 barrels of water. Then swabbed through 5½" casing 6 hours, 19 barrels of oil and 7 barrels of water.

Set Lane-Wells bridging plug at 4732½' and loaded hole with 105 barrels of oil. Plugged back from 4732½' to 4727½' with 6½ gallons of Dowell Cement. Swabbed out oil used to load hole; then swabbed through 5½" casing 3 hours, no recovery.

PLUGGED BACK TOTAL DEPTH 4727½'

Re-perforated 5½" OD casing from 4722½' to 4726½' with 25 holes by Lane-Wells. Swabbed through 5½" casing 12 hours, 12 barrels of oil and 1½ barrels of water. Swabbed through 5½" casing 6 hours, 5 barrels of oil and 1 barrel of water.

Spotted 2 barrels of Halliburton 25% acid on bottom with dump bailer. Let set 2 hours, then swabbed through 5½" casing 16 hours, 21 barrels of oil, 2 barrels of acid water, and 1 barrel of formation water.

Run 2½ tubing open end to 4720' and tried to run Halliburton Visco-Floc using 1000% of sand, 20 barrels of oil, jelled with 50% of caustic, and 25 gallons V-l chemical, maximum OP-3000 psi, unable to pump into formation. Cleared out tubing and hole. Used 165 barrels of oil to load hole and flush. Swabbed through 2½ tubing 9 hours, 95 barrels of oil used in treating. On September 22, swabbed through 2½ tubing 13 hours, 70 barrels of oil used in treating; then swabbed 11 hours, 44 barrels of formation oil and 5 barrels of water, OP-2778 psi. Swabbed through 2½ tubing 3 hours, 12½ barrels of oil and 1½ barrel of water. Pulled and rerun 2½ tubing and set tubing at 4726½'. Moved out cable tools.

Tried to flow through 2½ tubing with 30/64 choke and well would not flow. Installed pumping equipment.

On September 30, POB 15 hours, 65 barrels of oil and 7 barrels of water. On October 1, POB 24 hours, 40 barrels of oil and 4 barrels of water. On October 2, POB 24 hours, 40 barrels of oil and 4 barrels of water.

SLOPE TEST DATA

<table>
<thead>
<tr>
<th>DEPTH</th>
<th>ANGLE</th>
<th>DEVIATION</th>
</tr>
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<tbody>
<tr>
<td>227'</td>
<td>1/6</td>
<td>6 Degrees</td>
</tr>
<tr>
<td>500'</td>
<td>1/2</td>
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</tr>
<tr>
<td>1258'</td>
<td>1/2</td>
<td></td>
</tr>
<tr>
<td>1480'</td>
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<td></td>
</tr>
<tr>
<td>1710'</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>2250'</td>
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<tr>
<td>2500'</td>
<td>1/2</td>
<td></td>
</tr>
<tr>
<td>2530'</td>
<td>1/2</td>
<td></td>
</tr>
<tr>
<td>2800'</td>
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<td></td>
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<td>3600'</td>
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<td></td>
</tr>
<tr>
<td>3800'</td>
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