

FORM C-105

N.

1-7-5

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

COMMISSION
RECEIVED

JUL 23 1951

OIL CONSERVATION COMMISSION
HOBBS-OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Bill of Materials

Company or Operator

Lease

Well No. 9 in SW/4 of Sec. 15, T. 21-N

R. 7-3, N. M. P. M., 7-3 Field, Lee County.

Well is 4950 feet south of the North line and 4290 feet west of the East line of Sec. 15, T-21-S, R-37-E.

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is Argo Oil Corporation, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Shell Oil Company, Address Box 1457, Hobbs, New Mexico

Drilling commenced 5-20- 1921. Drilling was completed 7-10. 1921

Name of drilling contractor Lowen Drig. Co., Address Wt. North, Texas

Elevation above sea level at top of casing 3432 feet.

The information given is to be kept confidential until Not confidential 19

OIL SANDS OR ZONES

No. 1, from 8049 to 8179 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____

No. 2. from _____ to _____ feet. _____

No. 3. from _____ to _____ feet. _____

No. 4. from _____ to _____ feet. _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17 1/4" | 13 3/8" | 225 | 290 | Pump & plug | | |
| 11" | 8 5/8" | 2917 | 1700 | Pump & plug | | |
| 7 7/8" | 5 1/2" | 8000 | 925 | Pump & plug | | |
| | | | | | | |

PLUGS AND ADAPTERS

Heaving plug—Material_____Length_____Depth Set_____

Adapters—Material _____ Size _____

RECORD OF ~~SHOOTING~~ OR CHEMICAL TREATMENT

| SIZE | SHIELD USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|-------------|-------------------------------|----------|------|--------------------------|-------------------|
|------|-------------|-------------------------------|----------|------|--------------------------|-------------------|

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|-------------------------------------|--------------------|----------------------|--|
| 0 | 5000 | 5000 | No samples |
| 5000 | 7350 | 2350 | Dolomite w/streaks lime, shale & anhydrite |
| 7350 | 7580 | 230 | Shale w/streaks sand |
| 7580 | 7930 | 350 | Sand & shale w/streaks lime & dolomite |
| 7930 | 7965 | 35 | Sandy dolomite |
| 7965 | 8050 | 85 | Ellenburger lime |
| 8050 | 8179 | 129 | Ellenburger dolomite |
| 8179 | 8186 | 7 | Granite wash |
| 8186 | 8189 | 3 | Granite |
| TD | 8189 | | |
| Wells in Schlumberger Log | | | |
| Top McKee | | 7581 (-4136) | |
| Base McKee | | 7778 (-4333) | |
| Connell | | 7902 (-4457) | |
| Ellenburger lime | | 7965 (-4520) | |
| Ellenburger dolomite | | 8049 (-4604) | |
| Granite wash | | 8179 (-4734) | |
| Granite | | 8186 (-4741) | |
| Schlumberger Directional Log | | | |
| Well | Drift Angle | True Bearing | |
| 3402 | 1° | N 34° W | |
| 3902 | 3/4° | N 41° W | |
| 4402 | 3/4° | N 31° W | |
| 4902 | 1 1/2° | N 49° W | |
| 5402 | 1/4° | S 11° W | |
| 5902 | 0 | | |
| 6402 | 1 1/4° | S 61° W | |
| 6602 | 3/4° | S 41° W | |
| 6802 | 1 1/2° | S 11° W | |
| 7002 | 2 1/2° | N 19° W | |
| 7202 | 5 1/2° | N 24° W | |
| 7402 | 4° | N 14° W | |
| 7602 | 4° | N 9° W | |
| 7802 | 3° | N 12° W | |
| 8002 | 2 1/2° | N 34° W | |

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| 8186 | 8189 | 3 | Granite |
| TD | 8189 | | |

Wells 2 - Schlumberger

| | |
|----------------------|--------------|
| Top McKee | 7581 (-4136) |
| Base McKee | 7778 (-4333) |
| Connell | 7902 (-4457) |
| Ellenburger lime | 7965 (-4520) |
| Ellenburger dolomite | 8049 (-4604) |
| Granite wash | 8179 (-4734) |
| Granite | 8186 (-4741) |

Schlumberger Directional Log

| Depth | Drift Angle | True Bearing |
|-------|-------------|--------------|
| 3402 | 1° | N 34° W |
| 3902 | 3/4° | N 41° W |
| 4402 | 3/4° | N 31° W |
| 4902 | 1 1/2° | N 49° W |
| 5402 | 1/4° | S 11° W |
| 5902 | 0 | |
| 6402 | 1 1/4° | S 61° W |
| 6602 | 3/4° | S 41° W |
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