

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company **Amerada Petroleum Corporation** Address **Drawer "B", Hobbs, New Mexico.**
Send correspondence to **J.A. Starkey,** Address **Drawer "O", Hobbs, New Mexico.**
State-2 Well No. **1** in **SW 1/4 of NE 1/4** of Sec. **24**, T. **18S**
R. **37E**, N. M. P. M., **Hobbs** Oil Field **Lea** County.
If State land the oil and gas lease is No. **B - 1461** Assignment No. _____
If patented land the owner is _____, Address _____
The lessee is **Amerada Petroleum Corporation - Skelly Oil Company,** **Tulsa, Okla.**
Tulsa, Oklahoma. Address _____
If not state or patented land, give status _____
Drilling commenced **December 13,** 19**35** Drilling was completed **January 21,** 19**35**
Name of drilling contractor **Rowan Drilling Company**, Address **Fort Worth, Texas**
Elevation above sea level at top of casing **3673** feet.
The information given is to be kept confidential until **no request** 19____

OIL SANDS OR ZONES

No. 1, from 4162' to 4234' No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 90' to 110' No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

| SIZE | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---------|-----------|---------------------|--------------|-------------|--------------------|
| 12 1/2" | 220' | 250 | Halliburton | | |
| 9-5/8" | 2821' | 450 | " | | |
| 7" | 4063' | 300 | " | | |

PLUGS AND ADAPTERS

Heaving plug—Material **Length** **Depth Set**

Adapters—Material **Size**

SHOOTING RECORD

| SIZE | SHELL USED | EXPLOSIVE USED | QUANTITY | DATE | DEPTH SHOT | DEPTH CLEANED OUT |
|--|------------|----------------|----------|------|------------|-------------------|
| Well was treated with 2000 Gallons of Dowell AX Acid before initial proration was taken. Official test : 7841 Bbls. fluid 7% water 7292 Bbls. Oil and 549 Bbls water per day, 4260M Gas. | | | | | | |

TOOLS USED

Rotary tools were used from 0 feet to 4240' feet, and from _____ feet to _____ feet

Cable tools were used from None feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing January 23, 1935.
On 1 1/2 Hr. test, well flowed at rate shown below, 1865 bbls.
The production of the first 24 hours was 1865 barrels of fluid of which 90 % was oil; _____ %
After acid treatment well flowed as shown under SHOOTING RECORD.
emulsion; 10 % water; and _____ % sediment. Gravity, Be. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

| | | | |
|----------------------------|---------|--------------------------|---------|
| Ira French | Driller | I. J. Lee | Driller |
| Cecil Provine | Driller | C. L. Owens | Driller |

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 2nd Name John D. Carney
day of February, 1935 Position Team Boss
Bernard M. Stodghill Notary Public.
My commission expires Jan. 2, 1939 Representing Amerada Petroleum Corporation
Company or Operator

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|-------|-------|----------------------|-------------------------------------|
| 0 | 4' | 4' | Soil |
| 4" | 52' | 48' | Caliche |
| 52' | 90' | 38' | Red Bed |
| 90' | 190' | 100' | Sand and Sandrock |
| 190' | 258' | 68' | Red Bed |
| 256' | 690' | 434' | Red Shale and Lime Shells |
| 690' | 900' | 210' | Red Bed, Shale and Lime |
| 900' | 1230' | 330' | Red Bed and Lime Shells |
| 1230' | 1263' | 33' | Lime |
| 1263' | 1408' | 145' | Lime and Red Bed |
| 1408' | 1432' | 24' | Lime and Red Rock |
| 1432' | 1467' | 35' | Lime and Red Bed |
| 1467' | 1545' | 78' | Red Rock |
| 1545' | 1575' | 30' | Red Rock and Anhydrite |
| 1575' | 1599' | 24' | Red Bed and Anhydrite |
| 1599' | 1617' | 18' | Red Rock and Anhydrite |
| 1617' | 1706' | 89' | Red Bed and Anhydrite |
| 1706' | 1806' | 100' | Anhydrite and Salt |
| 1806' | 2427' | 621' | Salt and Broken Anhydrite |
| 2427' | 2459' | 32' | Anhydrite |
| 2459' | 2566' | 107' | Salt and Broken Anhydrite |
| 2566' | 2647' | 81' | Anhydrite, Salt, Potash and Red Bed |
| 2647' | 2716' | 69' | Anhydrite and Red Bed |
| 2716' | 2746' | 30' | Anhydrite and Streaks of Brown Lime |
| 2746' | 2767' | 21' | Anhydrite and Shale |
| 2767' | 2905' | 133' | Anhydrite |
| 2905' | 2934' | 29' | Lime |
| 2934' | 2966' | 32' | Brown Lime |
| 2966' | 3610' | 624' | Anhydrite |
| 3610' | 3848' | 238' | Lime |
| 3848' | 3926' | 78' | Gray Lime |
| 3926' | 3962' | 36' | Lime |
| 3962' | 3997' | 35' | Gray Lime |
| 3997' | 4025' | 28' | Hard Lime |
| 4025' | 4053' | 28' | Lime |
| 4053' | 4111' | 58' | Sandy Lime |
| 4111' | 4240' | 129' | Lime. (Total Depth) |