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## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its 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

Skelly Oil Company  
Company or Operator

Hobbs, New Mexico  
Address

R. R. Sims  
Lease

Well No. 2 in ONESW of Sec. 3, T. 23 S

R. 37 E, N. M. P. M., South Eunice Field, Lea County.

Well is 1980 feet ~~East~~ of the ~~East~~ line and 1980 feet ~~East~~ of the ~~East~~ line of Section 3

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

If patented land the owner is R. R. Sims, Address Eunice, New Mexico

If Government land the permittee is, Address

The Lessee is Skelly Oil Company, Address Box 1650, Tulsa, Oklahoma

Drilling commenced November 4, 1936. Drilling was completed February 27, 1937

Name of drilling contractor J. C. Clower, Address Box 448, Wichita Falls, Texas

Elevation above sea level at top of casing 3298 feet.

The information given is to be kept confidential until 19.

## OIL SANDS OR ZONES

No. 1, from to 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

| SIZE      | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED FROM | TO | PURPOSE |
|-----------|-----------------|------------------|------|--------|--------------|-------------------|-----------------|----|---------|
| 15-1/2"   | 70#             | 8                | IN   | 125'   |              |                   |                 |    |         |
| 8-5/8" OD | 28#             | 9                | IN   | 1193'  |              |                   |                 |    |         |
| 7" OD     | 24#             | 10               | REW  | 3420'  |              |                   |                 |    |         |
|           |                 |                  |      |        |              |                   |                 |    |         |
|           |                 |                  |      |        |              |                   |                 |    |         |
|           |                 |                  |      |        |              |                   |                 |    |         |
|           |                 |                  |      |        |              |                   |                 |    |         |
|           |                 |                  |      |        |              |                   |                 |    |         |
|           |                 |                  |      |        |              |                   |                 |    |         |

## 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"          | 15 1/2"        | 125'      | 50                  | Halliburton |             |                    |
| 11"          | 8-5/8"         | 1193'     | 100                 | Halliburton |             |                    |
| 8-1/4"       | 7"             | 3420'     | 200                 | Halliburton |             |                    |

## PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set  
Adapters—Material Size

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE    | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|----------------------------|----------|---------|-----------------------|-------------------|
| 4"   | Tin        | S. N. G.                   | 170 qts  | 2-28-37 | 3590 to 3521'         | TD                |

Results of shooting or chemical treatment Hole bridged at 3397'. Went in w/ tools and cleaned out to 3589' and well cleaned self and started flowing at rate of 25 bbls per hr. After five hours flowing, 2" tubing was run and well shut in for tank room.

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet  
Cable tools were used from 0 feet to 3600 feet, and from feet to feet

## PRODUCTION

Put to producing March 1, 1937  
The production of the first 5 hours was 125 barrels of fluid of which 100 % was oil; % emulsion; % 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

R. T. Brock, Driller Fred Whitaker, Driller  
J. S. Cravens, 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 6

day of March, 1937

Notary Public.

My Commission expires December 10, 1940

Hobbs, New Mexico March 3, 1937  
Place Date

Name J. K. Ramsey

Position District Superintendent

Representing Skelly Oil Company  
Company or Operator

Address Hobbs, New Mexico

FORMATION RECORD

| FROM                                     | TO   | THICKNESS<br>IN FEET | FORMATION                      |
|------------------------------------------|------|----------------------|--------------------------------|
| 0                                        | 30   | 30                   | Sand and Red Shale             |
| 30                                       | 90   | 60                   | Red Shale                      |
| 90                                       | 100  | 10                   | Heavy Water Sand               |
| 100                                      | 110  | 10                   | Blue Shale and Lime Shells     |
| 110                                      | 125  | 15                   | Red Bed                        |
| 125                                      | 190  | 65                   | Blue Shale                     |
| 190                                      | 205  | 15                   | Water Sand                     |
| 205                                      | 265  | 60                   | Blue Shale                     |
| 265                                      | 270  | 5                    | Lime                           |
| 270                                      | 300  | 30                   | Brown Shale                    |
| 300                                      | 310  | 10                   | Blue Shale                     |
| 310                                      | 340  | 30                   | Brown Shale                    |
| 340                                      | 345  | 5                    | Sandy Blue Shale               |
| 345                                      | 352  | 7                    | Gray Lime                      |
| 352                                      | 480  | 128                  | Red Bed                        |
| 480                                      | 525  | 45                   | Blue Shale                     |
| 525                                      | 560  | 35                   | Red Shale                      |
| 560                                      | 630  | 70                   | Red Bed                        |
| 630                                      | 710  | 80                   | Red Shale                      |
| 710                                      | 730  | 20                   | Sandy Blue Shale               |
| 730                                      | 770  | 40                   | Broken Water Sand              |
| 770                                      | 795  | 25                   | Lime and water sand            |
| 795                                      | 885  | 90                   | Sandy Blue Shale               |
| 885                                      | 915  | 30                   | Red Sandy Shale                |
| 915                                      | 925  | 10                   | Sand                           |
| 925                                      | 965  | 40                   | Sandy Blue Shale               |
| 965                                      | 1165 | 200                  | Red Bed                        |
| 1165                                     | 1260 | 95                   | Anhydrite                      |
| 1260                                     | 1365 | 105                  | Anhydrite and Salt             |
| 1365                                     | 1420 | 55                   | Red Rocks, anhydrite, and sand |
| 1420                                     | 1640 | 220                  | Salt and Anhydrite             |
| 1640                                     | 1824 | 184                  | Salt                           |
| 1824                                     | 1865 | 41                   | Salt and Potash                |
| 1865                                     | 1890 | 25                   | Salt and Potash                |
| 1890                                     | 2255 | 365                  | Salt                           |
| 2255                                     | 2276 | 21                   | Salt                           |
| 2276                                     | 2415 | 139                  | Salt                           |
| 2415                                     | 2645 | 230                  | Anhydrite                      |
| 2645                                     | 2800 | 155                  | Anhydrite and Shale            |
| 2800                                     | 2860 | 60                   | Anhydrite Lime and Shale       |
| 2860                                     | 3040 | 180                  | Lime                           |
| 3040                                     | 3065 | 25                   | Lime Shells                    |
| 3065                                     | 3090 | 25                   | Lime and anhydrite             |
| 3090                                     | 3140 | 50                   | Lime                           |
| 3140                                     | 3185 | 25                   | Lime and anhydrite             |
| 3185                                     | 3250 | 65                   | Broken Lime                    |
| 3250                                     | 3285 | 35                   | Lime and Shale                 |
| 3285                                     | 3310 | 25                   | Lime and Anhydrite             |
| 3310                                     | 3520 | 210                  | Lime                           |
| 3520                                     | 3550 | 30                   | Oil Sand                       |
| 3550                                     | 3600 | 50                   | Lime                           |
| MUDGING AND CEMENTING RECORD             |      |                      |                                |
| SIZE OF PIPE OF<br>METHOD USED           |      |                      |                                |
| AMOUNT OF MUD USED                       |      |                      |                                |
| PLUGS AND ADAPTERS                       |      |                      |                                |
| RECORD OF SHOOTING OR CHEMICAL TREATMENT |      |                      |                                |
| RECORD OF DRILL-STEM AND SPECIAL TESTS   |      |                      |                                |
| TOOLS USED                               |      |                      |                                |
| PRODUCTION                               |      |                      |                                |
| EMPLOYEES                                |      |                      |                                |
| FORMATION RECORD ON OTHER SIDE           |      |                      |                                |