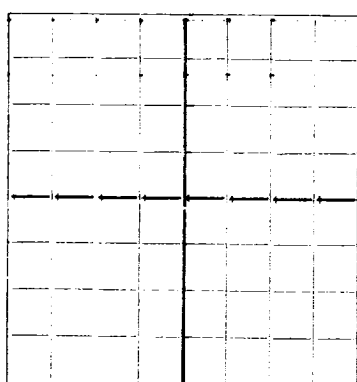


FORM C-105

N.



AREA 640 ACRES  
LOCATE WELL CORRECTLY

# 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.

Skelly Oil Company Tulsa, Oklahoma  
Company or Operator Address  
W. P. Sims Well No. 2 in CSE NE of Sec. 10 T. 23  
R. 37 N. M. P. M. Skelly Area Field, Lea County.  
Well is 1980 feet south of the North line and 660 feet west of the East line of Section 10 -  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is W. P. Sims Address Dunice, New Mexico  
If Government land the permittee is Address  
The Lessee is Address  
Drilling commenced October 16, 1937 Drilling was completed Nov. 26, 1937  
Name of drilling contractor J. C. Clower Drlg. Co. Address Wichita Falls, Texas  
Elevation above sea level at top of casing 3294 feet.  
The information given is to be kept confidential until 19

### OIL SANDS OR ZONES

No. 1, from 3602' to 3628' 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 85' to 90' feet.  
No. 2, from 745' to 770' 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 |
|---------|-----------------|------------------|------|---------|-------------------------|-------------------|--------------------|---------|
| 16"     | 70#             | 8                | LW   | 113'0"  |                         |                   |                    |         |
| 13"     | 40#             | 8                | LW   | 454'0"  | (Landed - later pulled) |                   |                    |         |
| 10-3/4" | 40#             | 8                | LW   | 742'0"  | (Landed - later pulled) |                   |                    |         |
| 8-5/8"  | 28#             | 8                | LW   | 1178'0" |                         |                   |                    |         |
| 7"      | 20#             | 10               | EW   | 3377'8" |                         |                   |                    |         |
| Tubing  |                 |                  |      |         |                         |                   |                    |         |
| 2"      | 4.7             | 10               | SS   | 3665'5" |                         |                   |                    |         |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE       | SIZE OF CASING         | WHERE SET | NO. SACKS OF CEMENT | METHOD USED                            | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------------|------------------------|-----------|---------------------|----------------------------------------|-------------|--------------------|
| 18"                | 16" OD                 | 123'      | 100                 | Halliburton - Cemented back to cellar. |             |                    |
| 10" <del>18"</del> | <del>16" OD</del> 5/8" | 1174'     | 150                 | Halliburton -                          |             |                    |
| 8-1/4"             | 7" OD                  | 3350'     | 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 |
|------|------------|----------------------------|----------|------|-----------------------|-------------------|
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |
|      |            |                            |          |      |                       |                   |

Results of shooting or chemical treatment

### 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 Top feet to 3650' feet, and from feet to feet

### PRODUCTION

Put to producing Nov. 30, 1937  
The production of the first 24 hours was 72 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

Fred Whitaker Driller Grady Roberts Driller  
Jay Cravens Driller 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 Hobbs, New Mexico November 31, 1937  
day of December, 1937 Name J. M. Cline

## FORMATION RECORD

| FROM | TO   | THICKNESS<br>IN FEET | FORMATION                    |
|------|------|----------------------|------------------------------|
| Top  | 70   | 70                   | Caliche                      |
| 70   | 85   | 15                   | Caliche and Red Shale        |
| 85   | 90   | 5                    | Water Sand                   |
| 90   | 107  | 17                   | Brown Shale                  |
| 107  | 120  | 13                   | Blue & Yellow Shale          |
| 120  | 190  | 70                   | Red Shale                    |
| 190  | 200  | 10                   | Blue Shale                   |
| 200  | 265  | 65                   | Hard Sandy Shale             |
| 265  | 285  | 20                   | Red Shale                    |
| 285  | 292  | 7                    | Sandy Shale                  |
| 292  | 485  | 193                  | Red Shale                    |
| 485  | 585  | 100                  | Blue & Brown Shale           |
| 585  | 700  | 115                  | Red Shale                    |
| 700  | 745  | 45                   | Sandy Shale                  |
| 745  | 770  | 25                   | Water Sand                   |
| 770  | 780  | 10                   | Hard Sand                    |
| 780  | 809  | 29                   | Red & Blue Shale             |
| 809  | 1172 | 363                  | Red Shale                    |
| 1172 | 1275 | 103                  | Anhydrite                    |
| 1275 | 1300 | 25                   | Salt                         |
| 1300 | 1315 | 15                   | Anhydrite                    |
| 1315 | 1393 | 78                   | Anhydrite & Shale            |
| 1393 | 1417 | 24                   | Salt & Red Shale             |
| 1417 | 1510 | 93                   | Salt, Shale & Potash         |
| 1510 | 1525 | 15                   | Anhydrite & Potash           |
| 1525 | 1540 | 15                   | Anhydrite                    |
| 1540 | 1628 | 88                   | Salt & Potash                |
| 1628 | 1655 | 27                   | Anhydrite & Potash           |
| 1655 | 1685 | 30                   | Salt & Potash                |
| 1685 | 1700 | 15                   | Salt, Shale & Potash         |
| 1700 | 1775 | 75                   | Salt & Potash                |
| 1775 | 1870 | 95                   | Salt, Shale & Potash         |
| 1870 | 1918 | 48                   | Salt & Potash                |
| 1918 | 1930 | 12                   | Anhydrite                    |
| 1930 | 2090 | 160                  | Salt, Shale & Potash         |
| 2090 | 2105 | 15                   | Anhydrite & Potash           |
| 2105 | 2110 | 5                    | Blue Shale                   |
| 2110 | 2350 | 240                  | Anhydrite, Salt & Shale      |
| 2350 | 2405 | 55                   | Salt & Shale                 |
| 2405 | 2485 | 80                   | Salt & Potash                |
| 2485 | 2700 | 215                  | Anhydrite                    |
| 2700 | 2915 | 215                  | Anhydrite & Shale            |
| 2915 | 3075 | 160                  | Lime & Anhydrite             |
| 3075 | 3085 | 10                   | Lime                         |
| 3085 | 3168 | 83                   | Lime & Anhydrite             |
| 3168 | 3181 | 13                   | Gray Lime                    |
| 3181 | 3232 | 51                   | Anhydrite & Lime             |
| 3232 | 3255 | 23                   | Lime                         |
| 3255 | 3285 | 30                   | Lime & Shale                 |
| 3285 | 3337 | 52                   | Lime & Anhydrite             |
| 3337 | 3568 | 231                  | Hard Lime                    |
| 3568 | 3576 | 8                    | Sandy Lime                   |
| 3576 | 3602 | 26                   | Blue Shaley Lime             |
| 3602 | 3628 | 26                   | Soft Sandy Lime - gas & oil. |
| 3628 | 3650 | 22                   | Hard Lime.                   |