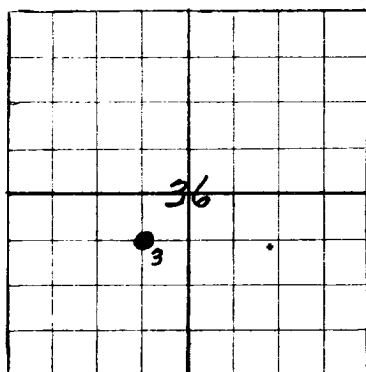


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Skelly Oil Company

Tulsa, Oklahoma

Company or Operator

Address

State "R" Well No. 3 in NE SW of Sec. 36, T. 16S

Lease

R. 36E N. M. P. M. Lovington Field, Lea County.

Well is 3300 feet south of the North line and 3300 feet west of the East line of Sec. 36

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

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Skelly Oil Company Address Tulsa, Oklahoma

Drilling commenced 5-22 1945 Drilling was completed 7-5 1945

Name of drilling contractor Costa & Foster Address Lubbock, Texas

Elevation above sea level 3839 feet Derrick Floor

The information given is to be kept confidential until No restrictions 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 | | PURPOSE |
|--------|-----------------|------------------|------|--------|--------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 8-5/8 | 28# | 8R | FW | 1006 | | | | | |
| 8-5/8 | 32# | 8R | SS | 1078 | | | | | |
| 5 1/2" | 17# | 8R | SS | 4598 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| | 8-5/8 | 2080' | 500 | Halliburton | | |
| | 5 1/2" | 4580' | 450 | 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 |
|------|------------|----------------------------|-----------|---------|-----------------------|-------------------|
| | | Dowell Acid | 2000 gal. | 7-11-45 | 4524 - | 4990 |
| | | " " | 2000 gal. | 7-24-45 | 4915 - | 4990 |
| | | " " | 2000 gal. | 7-26-45 | 4915 - | 4990 |
| | | " " | 2000 gal. | 8-2 -45 | formation above 4895' | |

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 0 feet to 4990 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing August 1 1945

The production of the first 24 hours was 88 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

Driller Driller

Driller Ben Gamblin 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 25th

day of October 19 45

Notary Public

My Commission expires Dec. 26, 1948

Hobbs, N. M.

10-25-45

Place

Date

Name

Position

Dist. Supt.

Representing

Skelly Oil Company

Company or Operator

Address Drawer "D", Hobbs, N. M.

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|--|
| 0 | 137 | 137 | Caliche |
| 137 | 1865 | 1728 | Redbed |
| 1865 | 2050 | 185 | Redbed & shells |
| 2050 | 2080 | 30 | Anhydrite - Top Anhydrite 2050 Samples |
| 2080 | 2145 | 65 | Anhydrite - Ran 8-5/8" Csg. to 2080' set w/ 500 sacks cement |
| 2145 | 2210 | 65 | Salt - Top Salt 2145' Driller's |
| 2210 | 3015 | 805 | Anhydrite & Salt - Base Salt 3015 Driller's |
| 3015 | 3550 | 535 | Anhydrite |
| 3550 | 3955 | 405 | Anhydrite |
| 3955 | 4120 | 165 | Anhydrite & Lime |
| 4120 | 4580 | 460 | Dolomite |
| 4580 | 4595 | 5 | Dolomite - Ran 5 1/2" Csg. @ 4580' set w/ 450 sacks cement |
| 4595 | 4800 | 205 | Dolomite |
| 4800 | 4841 | 41 | Dolomite |
| 4841 | 4990 | 149 | Dolomite - Drilled to Total Depth 4990' Ran 2" EUE Tubing to 4988' w/ perf. set 4985' - 4988'. Shut down to tear out rotary then when opened well swabbed and flowed 40 bbls oil. Then treated w/ 2000 gal. 15% acid solution from 4524 to 4990'. After treatment flowed 52 bbls first 24 hrs. Then treated section 4915' to 4990' w/ 2000 gal. 15% non-emulsifying acid. Then with packer set 4912 to 4915 retreated lower section w/ 3000 gal. acid, and shut in to pressure up then when open flowed 20 bbls in 24 hours. Pulled tubing and reset packer 4895' and treated section above packer w/ 2000 gal 15% acid, tested after treatment and swabbed and flowed 102 bbls. oil in 24 hours. Well is capable of producing 88 BPD from upper & lower zones combined. |