

DUPLICATE
FORM C-105
N

RECEIVED
MAY 28 1947
HOBBS OFFICE

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

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

AREA 640 ACRES
LOCATE WELL CORRECTLY

SKELLY OIL COMPANY

Tulsa 2, Oklahoma

Baker "B" Company or Operator
Well No. 6 in SW/4SW/4 of Sec. 10, T. 22S
Lease 37E
Brunson Field, Lea County.
N. M. P. M.
Well is 4770 feet south of the North line and 510 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 A. B. Baker, Address Eunice, N.M.
If Government land the permittee is, Address
The Lessee is Skelly Oil Company, Address Tulsa, Okla.
Drilling commenced Dec. 22, 1946 Drilling was completed March 22, 1947
Name of drilling contractor Makin Drilling Co., Address Hobbs, New Mexico
Elevation above sea level at top of casing 3421 feet.
The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 5116 to 5196 No. 4, from to
No. 2, from 6409 to 6551 No. 5, from to
No. 3, from 7556 to 7573 No. 6, from to
Producing from zone 7556-7573 only.
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 | OUT & FILLED FROM | PERFORATED | | PURPOSE |
|---------|-----------------|------------------|-------|--------|--------------|-------------------|------------|----|---------|
| | | | | | | | FROM | TO | |
| 13-3/8" | 40 1/2 | No | Arneo | 149' | TP | | | | |
| 8-5/8" | 32 | 8 | Smls | 2855' | Guide | | | | |
| 5-1/2" | 17 | 8 | Smls | 7625' | Guide | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|--------------|-------------|--------------------|
| 17" | 13-3/8" | 165' | 165 | Halliburton | | |
| 11" | 8-5/8" | 2855' | 1200 | Halliburton | | |
| 6 1/2" | 5-1/2" | 7580' | 500 | 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 |
|------|------------|----------------------------|----------|---------|-----------------------|-------------------|
| | | Acid - | 1000 gal | 3-9-47 | 7556-7573' | |
| | | Acid | 2000 gal | 3-13-47 | 7556-7573' | |

Results of shooting or chemical treatment Increased production to 80 bbls. per day from slight show.

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 Top feet to 7582' feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing March 25, 1947
The production of the first 24 hours was 80 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

Roy Fairchild, Driller A. V. Cable, Driller
J. S. Wright, 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 24th

day of May, 1947

Notary Public

My Commission expires

Hobbs, N.M. May 24, 1947

Name

Position District Supt.

Representing SKELLY OIL CO.
Company or Operator

Address Hobbs, New Mexico

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|---------------------------|
| Top | 18 | 18 | Cellar |
| 18 | 55 | 37 | Sand & caliche |
| 55 | 72 | 17 | Water sand |
| 72 | 165 | 93 | Red bed, shells & sand |
| 165 | 590 | 425 | Red bed & shale |
| 590 | 940 | 350 | Red & blue shale |
| 940 | 1050 | 110 | Red bed & shale |
| 1050 | 1183 | 133 | Anhydrite & shells |
| 1183 | 1215 | 32 | Anhydrite |
| 1215 | 1310 | 95 | Salt, anhydrite & red bed |
| 1310 | 1570 | 260 | Salt & anhydrite |
| 1570 | 1590 | 20 | Anhydrite |
| 1590 | 1670 | 80 | Salt |
| 1670 | 2210 | 540 | Salt & anhydrite |
| 2210 | 2225 | 15 | Anhydrite |
| 2225 | 2360 | 135 | Salt |
| 2360 | 2405 | 45 | Anhydrite |
| 2405 | 2520 | 115 | Anhydrite & gypsum |
| 2520 | | 2550 | SLM Correction |
| 2550 | 2624 | 74 | Anhydrite & gypsum |
| 2624 | 2698 | 74 | Anhydrite |
| 2698 | 2743 | 45 | Anhydrite & gypsum |
| 2743 | 3045 | 302 | Anhydrite & lime |
| 3045 | 3060 | 15 | Hard lime |
| 3060 | 3478 | 418 | Anhydrite & lime |
| 3478 | 3536 | 58 | Lime & shale |
| 3536 | 4887 | 1351 | Lime |
| 4887 | 5000 | 113 | Hard lime |
| 5000 | 7005 | 2005 | Lime |
| 7005 | 7061 | 56 | Lime & shale |
| 7061 | 7207 | 146 | Lime |
| 7207 | 7234 | 27 | Lime & shale |
| 7234 | 7282 | 48 | Lime |
| 7282 | 7298 | 16 | Lime & shale |
| 7298 | 7311 | 13 | Lime |
| 7311 | 7341 | 30 | Lime & shale |
| 7341 | 7361 | 20 | Red shale |
| 7361 | 7371 | 10 | Lime |
| 7371 | 7390 | 19 | Lime & shale |
| 7390 | 7392 | 2 | Lime |
| 7392 | 7589 | 197 | Lime w/ shale streaks |
| 7589 | 7582 | 3 | Granite |