

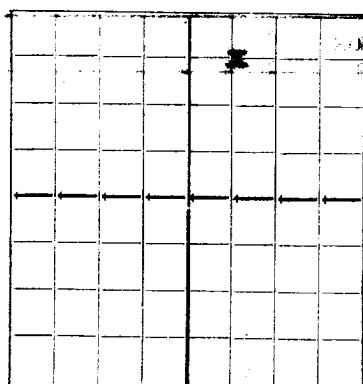
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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED
SEP 7 - 1937



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

G. W. Sims

Well No.

3

in T. 23

of Sec. 9

T. 23

R. 37

N. M. P. M.

Skelly Area

Field

Lea

County

Well is 660

feet south of the North line and

1980

feet west of the East line of

Section 9

If State land the oil and gas lease is No.

Assignment No.

If patented land the owner is G. W. Sims

Address

Bunice, New Mexico

If Government land the permittee is

Address

The Lessee is

Address

Drilling commenced June 22,

19 37

Drilling was completed

August 25,

19 37

Name of drilling contractor J. C. Clower Drig. Co.

Address

Wichita Falls, Texas

Elevation above sea level at top of casing 3310

feet.

The information given is to be kept confidential until

19

OIL SANDS OR ZONES

No. 1, from

3495'

to

3508'

No. 4, from

to

No. 2, from

3550'

to

3553'

No. 5, from

to

No. 3, from

3584'

to

3600'

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 |
|---------|-----------------|------------------|------|----------|--------------|-------------------|--------------------|---------|
| 16" OD | 70# | 8 | LN | 11813' | | | | |
| 13" OD | 40# | 8 | LN | 36014' | | (Later Pulled) | | |
| 10-3/4" | 40# | 8 | LN | 75143' | | (Later Pulled) | | |
| 8-5/8" | 28# | 8 | LN | 1145112' | | | | |
| 7" | 20# | 10 | LN | 545914' | | | | |

Note: At the time the 8-5/8" cas was cemented all 13" & 10-3/4" was pulled.

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" | 16" | 127' | 75 | Halliburton | | (Circulated back into cellar) |
| 11" | 8-5/8" | 1138' | 100 | Halliburton | | |
| 8-1/4" | 7" | 3451' | 200 | Halliburton | | |
| Tubing | 2" | 3623' | | Swag | | |

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 |
|---------|------------|----------------------------|----------|-------------|-----------------------|-------------------|
| 260 qts | 3-1/2" | S.N.G. | 260 | Aug. 14, 37 | 3630-3493' | TD 3642' |

Results of shooting or chemical treatment. Flowed 55 bbls 24 hrs before shot - after shot well was cleaned out to bottom, tubing run and flowed 93 bbls. in 24 hours thru 32/64 choke on 2" tubing.

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 feet, and from feet to feet

Cable tools were used from 0 feet to 3642 feet, and from feet to feet

PRODUCTION

Put to producing September 1, 19 37

The production of the first 24 hours was 93 barrels of fluid of which 99 % was oil; 1 %

emulsion; % water; and % sediment. Gravity, Be 39.9 Corrected

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 Whitake r

Driller

Jay D. Gravens

Driller

Grady Roberts

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 28

Hobbs, New Mexico August 27, 1937

day of August 19 37

Name

Position

District Superintendent

Representing

Skelly Oil Company

My Commission expires Dec. 10, 1940

Address

Hobbs, New Mexico

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|--|
| 0 | 30 | 30 | Calechi |
| 30 | 108 | 78 | Red Shale & Sand |
| 108 | 128 | 20 | Red Bed |
| 128 | 160 | 32 | Red & Yellow Shale |
| 160 | 175 | 15 | Water sand |
| 175 | 650 | 475 | Red Shale |
| 650 | 685 | 35 | Blue Shale |
| 685 | 711 | 26 | Water sand |
| 711 | 735 | 24 | Brown Shale |
| 735 | 810 | 75 | Blue Sandy Shale |
| 810 | 905 | 95 | Brown Sandy Shale |
| 905 | 1116 | 211 | Red Shale |
| 1116 | 1240 | 124 | Anhydrite |
| 1240 | 1260 | 20 | Salt & Red Shale |
| 1260 | 1280 | 20 | Salt & Anhydrite |
| 1280 | 1325 | 45 | Red Shale |
| 1325 | 1360 | 35 | Brown Shale & Anhydrite |
| 1360 | 1385 | 25 | Salt, Potash & Anhydrite |
| 1385 | 1400 | 15 | Salt & Brown Shale |
| 1400 | 1422 | 22 | Salt, Potash & Anhydrite |
| 1422 | 1445 | 23 | Anhydrite & Salt |
| 1445 | 1470 | 25 | Salt & Red Shale |
| 1470 | 1485 | 15 | Salt & Potash |
| 1485 | 1500 | 15 | Anhydrite & Potash |
| 1500 | 1535 | 35 | Salt & Anhydrite |
| 1535 | 1560 | 25 | Salt & Potash |
| 1560 | 1628 | 68 | Salt |
| 1628 | 1645 | 17 | Salt & Potash |
| 1645 | 1655 | 10 | Brown Shale & Potash |
| 1655 | 1688 | 33 | Salt & Potash |
| 1688 | 1790 | 102 | Salt |
| 1790 | 1850 | 60 | Potash & Anhydrite |
| 1850 | 2040 | 190 | Salt w/ streaks Potash |
| 2040 | 2110 | 70 | Salt |
| 2110 | 2118 | 8 | Anhydrite |
| 2118 | 2210 | 92 | Salt showing of Potash |
| 2210 | 2245 | 35 | Anhydrite |
| 2245 | 2349 | 104 | Salt |
| 2349 | 2410 | 61 | Anhydrite & Salt |
| 2410 | 2730 | 320 | Anhydrite |
| 2730 | 2738 | 8 | Anhydrite & Brown Lime |
| 2738 | 2836 | 98 | Anhydrite |
| 2836 | 2885 | 49 | Lime & Anhydrite |
| 2885 | 2941 | 56 | Lime |
| 2941 | 3000 | 59 | Gray Lime |
| 3000 | 3060 | 60 | Hard Lime |
| 3060 | 3134 | 74 | Lime & Anhydrite |
| 3134 | 3268 | 134 | Lime, Anhydrite & Shale |
| 3268 | 3290 | 22 | Lime & Anhydrite |
| 3290 | 3351 | 61 | Lime & Anhydrite |
| 3351 | 3470 | 119 | Hard Lime |
| 3470 | 3508 | 30 | Lime - show gas 3495'. |
| 3508 | 3520 | 12 | Lime & Shale |
| 3520 | 3540 | 20 | Sandy Lime |
| 3540 | 3549 | 9 | Lime |
| 3549 | 3552 | 3 | Brown Lime |
| 3552 | 3562 | 10 | Sandy Lime |
| 3562 | 3569 | 7 | Lime & Shale |
| 3569 | 3587 | 18 | Soft Sandy Lime - show oil 3584-3587' and increase in gas. |
| 3587 | 3592 | 5 | Hard Lime |
| 3592 | 3595 | 3 | Blue Shale |
| 3595 | 3600 | 5 | Soft Sandy Lime |
| 3600 | 3612 | 12 | Soft Lime |
| 3612 | 3619 | 7 | Hard Lime |
| 3619 | 3639 | 20 | Soft Sandy Lime |
| 3639 | 3642 | 3 | Hard Lime |

Before shot well flowed 55 bbls 24 hrs test.
Shot on August 14, w/ 260 quarts S. N. G.
and cleaned out to total depth and on test
flowed 93 bbls thru 32/64 choke on 2" tubing.