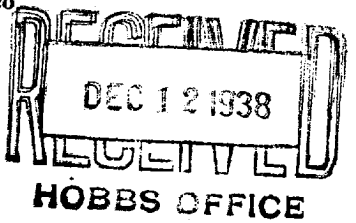


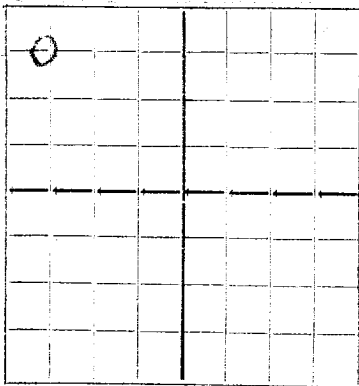
N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

DUPLICATE

The Ohio Oil Company

Hobbs, New Mexico

Company or Operator **C. J. Saunders** Well No. **2** in **NW 1/4 NW 1/4** of Sec. **1**, T. **22 S**
 Lease
 R. **36 E**, N. M. P. M., **South Eunice** Field, **East West** Lea County.
 Well is **660** feet south of the North line and **660** feet West of the **22nd** line of **Sec. 1**
 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 **C. J. Saunders**, Address **Roswell, New Mexico**
 The Lessee is _____ Address _____
 Drilling commenced **November 8, 1938** 19____ Drilling was completed **Dec. 9, 1938** 19____
 Name of drilling contractor **Noble Drlg Company**, Address **Tulsa, Oklahoma**
 Elevation above sea level at top of casing **3553** feet.
 The information given is to be kept confidential until _____ 19____

OIL SANDS OR ZONES

No. 1, from **3750** to **3850** 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 |
|---------------|-----------------|------------------|------|-------------|--------------|-------------------|--------------------|---------|
| 12 1/2 | | | | 125 | Reg | | | |
| 9 5/8 | 36 | | | 1220 | Float | | | |
| 7 | 24 | | | 3747 | Float | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|----------------|-------------|---------------------|--------------------|-------------|--------------------|
| 15 1/2 | 12 1/2 | 125 | 100 | Halliburton | 10 | 40 |
| 11 | 9 5/8 | 1220 | 600 | " | 10 | 40 |
| 8 3/4 | 7 | 3747 | 300 | " | 10 | 40 |

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 **0** feet to **3850** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **Dec. 16, 1938** 19____
 The production of the first **24** hours was **38 Bbls per hr** 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

Noble Drilling Company
F. H. Keller, Driller **B. Martin**, Driller
M. J. Winters, Driller **Bill Clark**, 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 **10th** day of **December**, 19 **38** at **Hobbs, New Mexico** Date **Dec. 10, 1938**
 Name **Chas. P. Smith**
 Position _____

FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|------|------|----------------------|------------------------------------|
| 0 | 38 | 38 | Caliche-shells |
| 38 | 125 | 87 | Sand-red beds |
| 125 | 205 | 80 | Red beds |
| 205 | 250 | 45 | Red bed-red rock |
| 250 | 315 | 265 | Red rock |
| 315 | 681 | 166 | Red bed-red rock |
| 681 | 1089 | 407 | Red rock |
| 1089 | 1180 | 92 | Red rock-shells |
| 1180 | 1290 | 110 | Anhydrite |
| 1290 | 1350 | 60 | Anhydrite-shale |
| 1350 | 1380 | 30 | Anhydrite |
| 1380 | 1545 | 165 | Anhydrite-shale-salt |
| 1545 | 1766 | 221 | Anhydrite-salt |
| 1766 | 1900 | 134 | Salt-shells |
| 1900 | 1942 | 42 | Anhydrite-streaks of salt & potash |
| 1942 | 1955 | 13 | Potash |
| 1955 | 2023 | 68 | Salt |
| 2023 | 2137 | 114 | Salt-anhydrite |
| 2137 | 2280 | 143 | Salt shells |
| 2280 | 2430 | 150 | Salt-Anhydrite |
| 2430 | 2543 | 113 | Salt-shale |
| 2543 | 2549 | 6 | Anhydrite-gyp |
| 2549 | 2572 | 23 | Anhydrite-gyp-streaks of lime |
| 2572 | 2606 | 34 | Lime-anhydrite |
| 2606 | 2646 | 40 | Anhydrite |
| 2646 | 2669 | 23 | Lime-anhydrite |
| 2669 | 2695 | 26 | Anhydrite-lime-streaks of gyp |
| 2695 | 2722 | 27 | Anhydrite-gyp |
| 2722 | 2785 | 63 | Anhydrite |
| 2785 | 2870 | 85 | Anhydrite-lime |
| 2870 | 2941 | 71 | Anhydrite |
| 2941 | 2972 | 31 | Grey lime-anhydrite |
| 2972 | 2990 | 18 | Lime-anhydrite |
| 2990 | 3002 | 12 | Brown lime-gas odor |
| 3002 | 3036 | 34 | Brown lime-anhydrite |
| 3036 | 3086 | 50 | Lime-anhydrite |
| 3086 | 3112 | 26 | Brown lime-show of gas |
| 3112 | 3160 | 48 | Brown lime |
| 3160 | 3183 | 23 | Grey lime |
| 3183 | 3345 | 162 | Lime |
| 3345 | 3368 | 23 | Lime-anhydrite |
| 3368 | 3406 | 38 | Grey lime |
| 3406 | 3423 | 17 | Lime |
| 3423 | 3452 | 29 | Grey lime |
| 3452 | 3462 | 10 | Broken sand & Lime |
| 3462 | 3530 | 68 | Grey lime |
| 3530 | 3544 | 14 | Sandy lime-gas |
| 3544 | 3566 | 22 | sandy lime-gassy smell |
| 3566 | 3592 | 26 | Sandy lime |
| 3592 | 3619 | 27 | Sand |
| 3619 | 3625 | 6 | Grey lime |
| 3625 | 3638 | 13 | Lime |
| 3638 | 3643 | 5 | Sandy lime-with gas |
| 3643 | 3693 | 50 | Grey lime |
| 3693 | 3707 | 14 | Lime |
| 3707 | 3735 | 28 | Sandy lime |
| 3735 | 3760 | 25 | Lime |
| 3760 | 3766 | 6 | Sandy lime |
| 3766 | 3787 | 21 | Lime |
| 3787 | 3812 | 25 | Sand-Brown lime |
| 3812 | 3843 | 31 | Sandy lime-oil & gas |
| 3843 | 3850 | 7 | Sand-sandy lime |