

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

J. P. Cone

(Company or Operator)

Concepcion State

(Lease)

Well No. **1**, in **NE** $\frac{1}{4}$ of **NE** $\frac{1}{4}$, of Sec. **22**, T. **21-N**, R. **35-E**, NMPM.

Wildcat

Pool,

Lee

County.

Well is **600** feet from **North** line and **700** feet from **East** lineof Section **22**. If State Land the Oil and Gas Lease No. is **C-231**Drilling Commenced **March 9**, 19**55** Drilling was Completed **March 29**, 19**55**Name of Drilling Contractor **Howard Holmes, Drilling Contractor**Address **Hobbs, New Mexico**Elevation above sea level at ~~surface~~ **Ground** **3572**
Not confidential, 19**55** **DP** **3583** The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from **None** 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 **None observed - rotary drilled hole.** feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------------|-----------------|-------------|-------------|--------------------|---------------------|--------------|----------------|
| 8-5/8 | 24 | SH | 288' | Box Pattern | | None | Surface |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|----------------|-------------|---------------------|------------------------|-------------|--------------------|
| 12-1/4 | 8-5/8 | 301' | 300-circ. | Pump & plug | 9.2 | Hole filled |
| | | | | | | |
| | | | | | | |
| | | | | | | |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

None. Dry hole. Cement plugs placed as follows: 25 sacks @ 4100; 30 sacks @ 3500; 30 sacks @ 1900; and, 15 sacks at 300 feet.

Result of Production Stimulation **None.**Depth Cleaned Out **4350 feet (T)**

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED **DST and deflection record attached.**

Rotary tools were used from **0** feet to **4350 (TD)** feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing **Dry hole.**, 19____ **Well plugged and abandoned March 20, 1955.**
OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____ % was
was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
Gravity _____
GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
liquid Hydrocarbon. Shut in Pressure _____ lbs.
Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

| Southeastern New Mexico | | | Northwestern New Mexico | | |
|-------------------------|-----------------|--|-------------------------|--|-----------------------|
| T. Anhy | 1802 | | T. Devonian | | T. Ojo Alamo |
| T. Salt | 1930 | | T. Silurian | | T. Kirtland-Fruitland |
| B. Salt | 3487 | | T. Montoya | | T. Farmington |
| T. Yates | 3668 | | T. Simpson | | T. Pictured Cliffs |
| T. 7 Rivers | 4002 (?) | | T. McKee | | T. Menefee |
| T. Queen | 4370 (?) | | T. Ellenburger | | T. Point Lookout |
| T. Grayburg | | | T. Gr. Wash | | T. Mancos |
| T. San Andres | | | T. Granite | | T. Dakota |
| T. Glorieta | | | T. | | T. Morrison |
| T. Drinkard | | | T. | | T. Penn |
| T. Tubbs | | | T. | | T. |
| T. Abo | | | T. | | T. |
| T. Penn | | | T. | | T. |
| T. Miss | | | T. | | T. |

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|-------------|-------------|----------------------|--|------|----|----------------------|-----------|
| 0 | 12 | 12 | Kelly drive to ground | | | | |
| 12 | 110 | 98 | Caliche | | | | |
| 110 | 1802 | 1692 | Red beds | | | | |
| 1802 | 1930 | 128 | Anhydrite | | | | |
| 1930 | 3487 | 1557 | Salt and anhydrite | | | | |
| 3487 | 3668 | 181 | Anhydrite and dolomite | | | | |
| 3668 | 4350 | 682 | Dolomite with thin streaks sand and shale | | | | |
| TD | 4350 | | Dolomite | | | | |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

March 20, 1955
Company or Operator **J. D. Cuno** Address **First Nat'l Bldg., Lubbock, Texas**
Name **J. D. Cuno** Position or Title **Engineer**

J. R. Cone Gonzales-State No. 1. Section 22, T-21-S, R-35-E, NMPM;
Wildcat, Lea, County, New Mexico.

DRILL STEM TEST RECORD

- C
O
P
Y
- DST No. 1: 3649-3836 (187'). 5/8" bottom choke and 1" top choke. Tool open 30 minutes. Slight initial air blow; dead in 15 minutes. Recovered 5 gallons drilling fluid with no shows. Flowing bottom hole pressure steady at 150 psi.
- DST No. 2: 3835-3945 (1108). 5/8" bottom choke and 1" top choke. Tool open 20 minutes. Very slight initial air blow; dead in 5 minutes. Recovered 4 gallons drilling fluid with no shows. Flowing bottom hole pressure 60 psi; 20-minute shut in bottom hole pressure 60 psi.
- DST No. 3: 3943-4120 (177'). 5/8" bottom choke and 1" top choke. Tool open 60 minutes. Fair air blow throughout test. Recovered 2543 feet gas in drill pipe; and, 1400 feet heavily gas cut, slightly oil cut, heavily sulphur water cut black drilling fluid. Flowing bottom hole pressure 375 to 540 psi. 20-minute shut in bottom hole pressure 1410 psi.
- DST No. 4: 3949-3999 (50' - straddle test run after reaching total depth of 4350 feet). 5/8" bottom choke and 1" top choke. Tool open 30 minutes. Very slight initial air blow; dead in 10 minutes. Recovered 5 feet drilling fluid with no shows. Flowing bottom hole pressure 0 psi. Both packers held. Positive test.

DEVIATION RECORD

| <u>Depth</u> | <u>Deviation</u> | <u>Depth</u> | <u>Deviation</u> |
|--------------|------------------|--------------|------------------|
| 280 | 3/4 | 3140 | 2 |
| 850 | 3/4 | 3425 | 2 |
| 1150 | 1/2 | 3580 | 1-1/2 |
| 1590 | 3/4 | 3834 | 1 |
| 1960 | 1 | 4014 | 1-1/4 |
| 2240 | 1-1/2 | 4198 | 1-3/4 |
| 2575 | 1-1/4 | 4294 | 1-1/4 |
| 2825 | 1 | 4345 | 1-1/4 |
| 2955 | 2 | | |

