

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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

Sun Oil Company

(Company or Operator)

Heirs of Alfred Eaton

(Lease)

Well No. **2**, in **NE** $\frac{1}{4}$ of **NW** $\frac{1}{4}$, of Sec. **30**, T. **25N**, R. **10W**, NMPM.

Bisti - Lower Gallup

Pool, **San Juan**

County.

Well is **660** feet from **North** line and **1980** feet from **West** line

of Section **30**. If State Land the Oil and Gas Lease No. is **Federal Land (Indian)**

Drilling Commenced **11-19**, 19 **57**. Drilling was Completed **12-8**, 19 **57**

Name of Drilling Contractor **Miracle-Fifer Drilling Company**

Address **1636 Walton Street - Denver, Colorado**

Elevation above sea level at Top of Tubing Head **6612**. The information given is to be kept confidential until **not confidential**, 19 **57**.

OIL SANDS OR ZONES

No. 1, from **5124** to **5135** No. 4, from _____ to _____
No. 2, from **5143** to **5164** 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 | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------------|-----------------|-------------|-------------|--------------|---------------------|------------------------------|--------------------|
| 8-5/8 | 24 | New | 252 | Hewco | - | - | surf. casg. |
| 5-1/2 | 14 | New | 5215 | Hewco | - | 5124/35 & 5143/64 | oil string |
| 2 | 4.7 | New | 5077 | - | | | Tubing |

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 | 252 | 150 | Pap & Plug | | |
| 7-7/8 | 5-1/2 | 5215 | 150 | Pap & Plug | | |

RECORD OF PRODUCTION AND STIMULATION

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

Well not tested natural - Frac perfs 5124/35 & 5143/64' w/ 16,800 gals oil & 15,000# sand, flushed w/ 12,600 gals oil. 1st stage: BHP-2000/1400#, Max-2400#, FP-2400#, dropped 90 balls. 2nd stage: BHP-3200/2600#, max press-3200#, FP-3000#, SIP-800#, inj rate 50 BPM.

Result of Production Stimulation **Recovered all load oil from frac job on 12-13-57. Initial Production as follows: Potential Test: 24 hrs ending 7 PM 12-14-57 on 24/64" chlk flwd 285 bbls oil & no wtr., FP-150#, CP-450#, est GOR 950/1 - Gravity 37.5** Depth Cleaned Out **-**

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 5215 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 12-14, 19 57
OIL WELL: The production during the first 24 hours was 285 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 37.5
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

T. Anhy.
T. Salt.
B. Salt.
T. Yates.
T. 7 Rivers.
T. Queen.
T. Grayburg.
T. San Andres.
T. Glorieta.
T. Drinkard.
T. Tubbs.
T. Abo.
T. Penn.
T. Miss.

T. Devonian.
T. Silurian.
T. Montoya.
T. Simpson.
T. McKee.
T. Ellenburger.
T. Gr. Wash.
T. Granite.
T.
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo 590
T. Fruitland 721
T. Farmington
T. Pictured Cliffs 1476
T. Lewis 1667
T. Cliff House 1887
T. Point Lookout 3930
T. Mancos 4126
T. Dakota
T. Gallup 4948
T. Gallup ss 5123
T.
T.
T.
T.

FORMATION RECORD

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|-----------------|------|----|-------------------|-----------|
| 0 | 590 | 590 | Tertiary | | | | |
| 590 | 721 | 131 | Ojo Alamo | | | | |
| 721 | 1476 | 755 | Fruitland | | | | |
| 1476 | 1667 | 191 | Pictured Cliffs | | | | |
| 1667 | 1887 | 220 | Lewis | | | | |
| 1887 | 3930 | 2043 | Cliff House | | | | |
| 3930 | 4126 | 196 | Point Lookout | | | | |
| 4126 | 4948 | 822 | Mancos | | | | |
| 4948 | 5123 | 175 | Gallup | | | | |
| 5123 | 5215 | 92 | Gallup Sand | | | | |

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.

Company or Operator SUN OIL COMPANY Address P.O. Box 1798 - Denver, Colorado
Name J.B. Hamilton Position or Title Div. Supt. - Oper. Dept.
12-16-57 (Date)