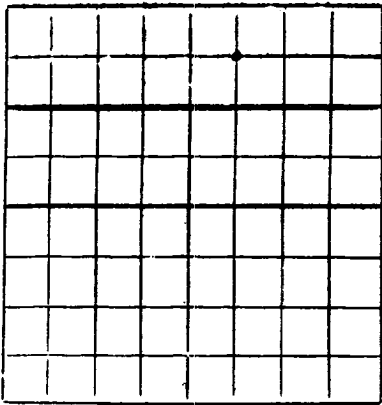




AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico  
DISTRICT OFFICE 000

1959 JAN 30 PM 2:53  
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

Sun Oil Company (Company or Operator) A. D. Richards (Lease)  
Well No. 4, in NW 1/4 of NE 1/4, of Sec. 7, T. 23-S, R. 37-E, NMPM.  
Langlie-Mattix Pool, Lea County.  
Well is 660 feet from north line and 1980 feet from east line of Section 7. If State Land the Oil and Gas Lease No. is  
Drilling Commenced December 22, 1958 Drilling was Completed January 10, 1959  
Name of Drilling Contractor Dugger-Herring Drilling Co.  
Address Suite 203, Crescendo Bldg., Abilene, Texas  
Elevation above sea level at Top of Tubing Head 3371 The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3661 to 3732 No. 4, from  
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 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#             | N           | 360.13'  | Guide        | -                   | -            | Surface    |
| 5-1/2" | 14#             | N           | 3779.45' | Guide        | -                   | * See Below  | Oil String |
|        |                 |             |          |              |                     |              |            |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. BAGS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|--------------------|-------------|-------------|--------------------|
| 12-1/4"      | 8-5/8"         | 370       | 250                | Pumps       | 14.1        | -                  |
| 7-7/8"       | 5-1/2"         | 3790      | 1000               | Pumps       | 14.1        | -                  |
|              |                |           |                    |             |             |                    |

RECORD OF PRODUCTION AND STIMULATION

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

\* Perforated from 3662-68, 3676-92, 3700-3704, 3712-18, 3726-32 w/2 JSPP.  
Fractured w/20,000 gal. refined oil w/2 2 lbs. sand per gal & 500 gal. 15% HCL NE Acid.  
Result of Production Stimulation 63.61 bbls. oil, 28 bbls. wtr, in 24 hrs. thru 1/4" choke.  
Depth Cleaned Out

CORD OF DRILL-STEM AND SPECIAL TA

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 3790 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 27, 19 59

OIL WELL: The production during the first 24 hours was 91.61 barrels of liquid of which 69.44 % was  
was oil; % was emulsion; 30.56 % water; and % was sediment. A.P.I.  
Gravity 35.4° API

GAS WELL: The production during the first 24 hours was not applicable 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.                | 1234 |  | T. Devonian             |      | T. Ojo Alamo          |
| T. Salt                 | 1330 |  | T. Silurian             |      | T. Kirtland-Fruitland |
| B. Salt                 | 2630 |  | T. Montoya              |      | T. Farmington         |
| T. Yates                | 2790 |  | T. Simpson              |      | T. Pictured Cliffs    |
| T. 7 Rivers             |      |  | T. McKee                |      | T. Menefee            |
| T. Queen                |      |  | T. Ellenburger          |      | T. Point Lookout      |
| T. Grayburg             |      |  | T. Gr. Wash             |      | T. Mancos             |
| T. San Andres           |      |  | T. Granite              |      | T. Dakota             |
| T. Glorieta             |      |  | T. Penrose              | 3661 | 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<br>in Feet | Formation         | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|-------------------|------|----|----------------------|-----------|
| 0    | 160  | 160                  | Red bed & Sand    |      |    |                      |           |
| 160  | 1020 | 860                  | Red bed           |      |    |                      |           |
| 1020 | 1253 | 233                  | Red bed, Anhy.    |      |    |                      |           |
| 1253 | 1665 | 412                  | Anhy., Salt       |      |    |                      |           |
| 1665 | 2010 | 345                  | Salt              |      |    |                      |           |
| 2010 | 2658 | 648                  | Salt, Anhy.       |      |    |                      |           |
| 2658 | 2685 | 27                   | Salt, Anhy., Lime |      |    |                      |           |
| 2685 | 2811 | 126                  | Anhy., Lime       |      |    |                      |           |
| 2811 | 2882 | 71                   | Anhy., Lime, Sand |      |    |                      |           |
| 2882 | 3295 | 413                  | Anhy., Lime       |      |    |                      |           |
| 3295 | 3790 | 495                  | Lime              |      |    |                      |           |

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 Box 2792, Odessa, Texas  
Name O. S. Ellinger Position or Title Area Superintendent  
1/29/59 (Date)