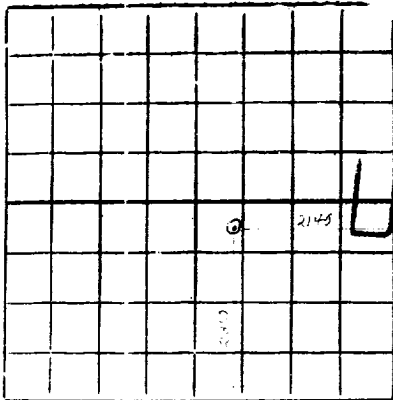


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

QUINTUPLICATE  
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

Austral Oil Exploration Company Incorporated

State

(Company or Operator)

(Lease)

Well No. **1** in **NW** **SE** **1** T. **16S** R. **35E** NMPM.  
**Undesignated**

Pool, **Lea** County.

Well is **2,140** feet from **East** line and **2310** feet from **South** line

of Section **1** If State Land the Oil and Gas Lease No. is **E-9117**

Drilling Commenced **May 9**, 19**56** Drilling was Completed **July 20**, 19**56**

Name of Drilling Contractor **Cactus Drilling Corporation of Texas**

Address **Box 348, San Angelo, Texas**

Elevation above sea level at Top of Tubing Head **3,984'**

The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_\_

OIL SANDS OR ZONES

No. 1, from **10,268** to **10,300** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
**10,480** **10,688** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

**Not logged**  
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           |
|----------------|----------------------|-------------|---------------|--------------------------------|---------------------|------------------------------------|-------------------|
| <b>13-3/8"</b> | <b>48#</b>           | <b>New</b>  | <b>414'</b>   | <b>Baker Float &amp; Guide</b> |                     |                                    |                   |
| <b>8-5/8"</b>  | <b>32# &amp; 36#</b> | <b>New</b>  | <b>4,667'</b> | <b>Baker Float</b>             |                     |                                    |                   |
| <b>5-1/2"</b>  | <b>17#</b>           | <b>New</b>  | <b>6,190'</b> | <b>Baker Float</b>             |                     | <b>10,546'-76 &amp; 10,600-30'</b> | <b>Production</b> |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE   | SIZE OF CASING | WHERE SET       | NO. BAGS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|----------------|----------------|-----------------|--------------------|-------------|-------------|--------------------|
| <b>17-1/2"</b> | <b>13-3/8"</b> | <b>414'</b>     | <b>275</b>         | <b>PUMP</b> | <b>.48</b>  | <b>62 bbls</b>     |
| <b>11"</b>     | <b>8-5/8"</b>  | <b>4,667'</b>   | <b>1,400</b>       | <b>PUMP</b> | <b>.58</b>  | <b>282 bbls</b>    |
| <b>7-3/4"</b>  | <b>5-1/2"</b>  | <b>4-10684'</b> | <b>200</b>         | <b>PUMP</b> | <b>.49</b>  | <b>203 bbls.</b>   |

RECORD OF PRODUCTION AND STIMULATION

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

Perforated **10,546-76'** and **10,600-10,630'** with **4** jet shots per ft. acidized perforations with **1,000** gals Dowell mud acid.

Result of Production Stimulation **Swabbed well. Well came in flowing into reserve pits at rate of 300 bbls. oil on 20/64" choke.**

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 Surface feet to 10,688' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing July 20, 1956  
OIL WELL: The production during the first 24 hours was 228 barrels of liquid of which 100 % was  
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
Gravity 35  
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.....            |                | T. Devonian.....        | T. Ojo Alamo.....          |
| T. Salt.....            |                | T. Silurian.....        | T. Kirtland-Fruitland..... |
| B. Salt.....            |                | T. Montoya.....         | T. Farmington.....         |
| T. Yates.....           | 3060' (+924')  | T. Simpson.....         | T. Pictured Cliffs.....    |
| T. 7 Rivers.....        | 3910' (+111')  | T. McKee.....           | T. Menefee.....            |
| T. Queen.....           | 3940' (+144')  | T. Ellenburger.....     | T. Point Lookout.....      |
| T. Grayburg.....        |                | T. Gr. Wash.....        | T. Mancos.....             |
| T. San Andres.....      | 4650 (-666')   | T. Granite.....         | T. Dakota.....             |
| T. Glorieta.....        | 6283' (-2299') | T. ....                 | T. Morrison.....           |
| T. Drinkard.....        |                | T. ....                 | T. Penn.....               |
| T. Tubbs.....           | 7428' (-3444') | T. ....                 | T. ....                    |
| T. Wolfcamp             | 10440 (-6556') | T. ....                 | T. ....                    |
| Abouay                  |                | 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 |
|---------|-------|----------------------|-------------------------|------|----|----------------------|-----------|
| Surface | 240   | 240                  | Surface Sand            |      |    |                      |           |
| 240     | 1958  | 1718                 | Red bed                 |      |    |                      |           |
| 1958    | 1995  | 37                   | Anhy.                   |      |    |                      |           |
| 1995    | 2167  | 172                  | Anhy & salt             |      |    |                      |           |
| 2167    | 3010  | 843                  | Anhy, Salt & Gyp.       |      |    |                      |           |
| 3010    | 3777  | 767                  | Anhy & Gyp.             |      |    |                      |           |
| 3777    | 4020  | 243                  | Anhy, Gyp. & shale      |      |    |                      |           |
| 4020    | 4440  | 420                  | Anhy & gyp.             |      |    |                      |           |
| 4440    | 4537  | 97                   | Anhy. Gyp. shale & lime |      |    |                      |           |
| 4537    | 4603  | 68                   | Lime and anhy.          |      |    |                      |           |
| 4603    | 4667  | 62                   | Anhy & gyp.             |      |    |                      |           |
| 4667    | 4695  | 18                   | Lime                    |      |    |                      |           |
| 4695    | 4775  | 90                   | Sand                    |      |    |                      |           |
| 4775    | 4887  | 112                  | Lime                    |      |    |                      |           |
| 4887    | 9169  | 4282                 | Sand, lime & sandy lime |      |    |                      |           |
| 9169    | 9857  | 231                  | Lime, chert & shale     |      |    |                      |           |
| 10068   | 10136 | 68                   | Lime & shale            |      |    |                      |           |
| 10136   | 10182 | 46                   | Lime, shale & chert     |      |    |                      |           |
| 10182   | 10688 | 506                  | Lime & shale            |      |    |                      |           |

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.

July 27, 1956 (Date)

Company or Operator Austral Oil Exploration Co. Inc Address 300 San Jacinto Bldg., Houston, Texas  
Name J. H. Solomon Position or Title Chief Production Clerk