



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. If State Land submit 6 Copies

**Austral Oil Exploration Company Incorporated** **W. M. Snyder "C"**  
(Company or Operator) (Lease)

Well No. 1, in Lot 10  $\frac{1}{4}$  of 6, T. 16S, R. 36E, NMPM.

Undesignated Pool, Lea County.

Well is 2,336.4' feet from North line and 660' feet from East line

of Section 6. If State Land the Oil and Gas Lease No. is -

Drilling Commenced January 14, 1958 Drilling was Completed March 15, 1958

Name of Drilling Contractor Cactus Drilling Corporation of Texas

Address P. O. Box 348, San Angelo, Texas

Elevation above sea level at Top of Tubing Head 3,949' The information given is to be kept confidential until -, 19-

### OIL SANDS OR ZONES

No. 1, from 10,674' to 10,694' 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 Not logged 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    |
|---------|-----------------|-------------|----------|--------------|---------------------|--------------|------------|
| 13-3/8" | 48#             | New         | 351.45   | Larkin       | -                   |              |            |
| 8-5/8"  | 32#             | "           | 4,717.03 | "            | -                   |              |            |
| 5-1/2"  | 17#             | "           | 6,200.81 | "            | -                   | 10,674-694'  | Production |

### MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
|              | 13-3/8"        | 366.02    | 275                 | Pump        | 1.03        | 57                 |
|              | 8-5/8"         | 4,729.03  | 2,050               | "           | 1.03        | 287                |
|              | 5-1/2"         | 4,516.19  | Inner 300           | "           | 1.08        | 431                |
|              |                | 10,717    |                     |             |             |                    |

### RECORD OF PRODUCTION AND STIMULATION

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

Perforated from 10,674' to 10,694' with 4 jets per foot. Acidized perfs. with 500 gals MCA acid. Swabbed well for production.

Result of Production Stimulation Well came in flowing at the rate of 192 bbls. per day on an 18/64" 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 10,717 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

Put to Producing March 15, 1958

OIL WELL: The production during the first 24 hours was 192 barrels of liquid of which 100 % was oil; \_\_\_\_\_ % was emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % was sediment. A.P.I. Gravity 40.6°

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.....                                    | 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. <del>Glorieta</del> <u>6,323' (-2,376')</u>   | T. ....             | T. Morrison.....           |
| T. <del>Clarksburg</del> <u>6,880' (-2,933')</u> | T. ....             | T. Penn.....               |
| T. <del>Tubbs</del> <u>7,478' (-3,531')</u>      | T. ....             | T. ....                    |
| T. <del>Abo</del> <u>8,223' (-4,276')</u>        | T. ....             | T. ....                    |
| T. <del>Wolfcamp</del> <u>9,613' (-5,666')</u>   | T. ....             | T. ....                    |
| T. <del>Permian</del> <u>10,055' (-6,108')</u>   | T. ....             | T. ....                    |

FORMATION RECORD

| From    | To     | Thickness in Feet | Formation               | From   | To    | Thickness in Feet | Formation    |
|---------|--------|-------------------|-------------------------|--------|-------|-------------------|--------------|
| Surface | 170    | 170               | Shells & Red Bed        | 10,545 | 10598 | 53                | Lime & Shale |
| 170     | 323    | 153               | Red Bed                 | 10,598 | 10717 | 119               | Lime         |
| 323     | 512    | 189               | Red Bed & Shells        |        |       |                   |              |
| 512     | 1,071  | 559               | Red Bed, Anhy, & Shells |        |       |                   |              |
| 1,071   | 1,859  | 788               | Red Bed                 |        |       |                   |              |
| 1,859   | 1,995  | 136               | Anhy & Gyp.             |        |       |                   |              |
| 1,995   | 3,037  | 1,042             | Anhy & Salt.            |        |       |                   |              |
| 3,037   | 3,111  | 74                | Anhy, Salt & Gyp        |        |       |                   |              |
| 3,111   | 4,680  | 1,569             | Anhy & Gyp.             |        |       |                   |              |
| 4,680   | 4,730  | 50                | Anhy, Shale & Lime      |        |       |                   |              |
| 4,730   | 9,956  | 5,226             | Lime                    |        |       |                   |              |
| 9,956   | 9,995  | 39                | Lime chert              |        |       |                   |              |
| 9,995   | 10,148 | 153               | Lime                    |        |       |                   |              |
| 10,148  | 10,197 | 49                | Lime chert              |        |       |                   |              |
| 10,197  | 10,350 | 153               | Lime                    |        |       |                   |              |
| 10,350  | 10,410 | 60                | Lime & shale            |        |       |                   |              |
| 10,410  | 10,447 | 37                | Lime                    |        |       |                   |              |
| 10,447  | 10,476 | 29                | Lime & shale            |        |       |                   |              |
| 10,476  | 10,545 | 69                | 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 Austral Oil Exploration  
Company Incorporated  
Name J. H. Solomon

J. H. Solomon 3-18-58  
Address 300 San Jacinto Building, Houston 2, Texas  
Position or Title Chief Production Clerk