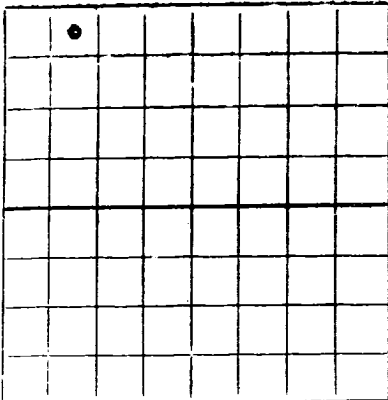




NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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

CACTUS DRILLING COMPANY  
(Company or Operator)

Pan American State  
(Lease)

Well No. 1, in NW  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , of Sec. 26, T. 18, R. 37, NMPM.

Undesignated Pool, \_\_\_\_\_ County.

Well is 355 feet from North line and 990 feet from West line

of Section 26. If State Land the Oil and Gas Lease No. is (Pan American) # E-1298

Drilling Commenced April 9, 1957 Drilling was Completed May 9, 1957

Name of Drilling Contractor Shelro Drilling Company

Address Lovington, New Mexico

Elevation above sea level at Top of Tubing Head 3682 GM The information given is to be kept confidential until

No Restrictions, 19     3688 DF

OIL SANDS OR ZONES

No. 1, from \_\_\_\_\_ 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 \_\_\_\_\_ 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            |
|---------------|-----------------|-------------|-------------|--------------|---------------------|-----------------------------------------------------|--------------------|
| <u>5 1/2"</u> | <u>15.50</u>    | <u>New</u>  | <u>3869</u> | <u>Baker</u> |                     | <u>3785-3807</u>                                    | <u>Test</u>        |
|               |                 |             |             |              |                     | <u>3450-3595</u>                                    | <u>Test Bowers</u> |
|               |                 |             |             |              | <u>1500'</u>        | <u>Left 5 1/2" Casing Cemented From 3869 - 1500</u> |                    |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE  | SIZE OF CASING | WHERE SET   | NO. SACKS OF CEMENT | METHOD USED        | MUD GRAVITY | AMOUNT OF MUD USED |
|---------------|----------------|-------------|---------------------|--------------------|-------------|--------------------|
| <u>17-1/4</u> | <u>13-3/8</u>  | <u>310</u>  | <u>150</u>          | <u>Halliburton</u> |             |                    |
| <u>7-7/8</u>  | <u>5-1/2</u>   | <u>3869</u> | <u>150</u>          | <u>Halliburton</u> |             |                    |
|               |                |             |                     |                    |             |                    |

RECORD OF PRODUCTION AND STIMULATION

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

Cored 3793-3840 - 47' Recovery; some stains upper 7'. Cored 4057-4109 - 52' recovery; no shows. Cored 4253-4306 - 53' recovery; few light stains - no water. DST - Packer set 4240 - 1 Hour recovered 74' drilling mud. Cored 4306-4359 - 53' recovery - no shows. DST - Straddle packers set 4105-4237 - 1 1/2 Hours; recovered 68' mud, slight gas odor. 68# S.I.P., 68# I.F., 68# Final. PB & perf. 3785-3807. 500 Gal. mud acid & 10000 Gal. water frac 3100# broke to 2600#; shut in over night, swabbed dry, shut in over night, filled 1100# Result of Production Stimulation. ~~in salt water~~ recovered light seum oil on frac water & VSSG/ PB & perf. 3450-3595 (Bowers). Shut in over night, filled with 1100' in salt water.

Depth Cleaned Out \_\_\_\_\_

# LOG 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 4359 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

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.                | 1712 |  | T. Devonian             |  | T. Ojo Alamo          |
| T. Salt                 | 1810 |  | T. Silurian             |  | T. Kirtland-Fruitland |
| B. Salt                 | 2780 |  | T. Montoya              |  | T. Farmington         |
| T. Yates                | 2938 |  | T. Simpson              |  | T. Pictured Cliffs    |
| T. 7 Rivers             | 3217 |  | T. McKee                |  | T. Menefee            |
| T. Queen                | 3792 |  | T. Ellenburger          |  | T. Point Lookout      |
| T. Grayburg             | 4115 |  | 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<br>in Feet | Formation                | From | To   | Thickness<br>in Feet | Formation               |
|------|------|----------------------|--------------------------|------|------|----------------------|-------------------------|
| 0    | 320  |                      | Caliche, sand, redbed    | 4359 | 4300 |                      | P & A                   |
| 320  | 1530 |                      | Redbed                   | 4300 | 4150 |                      | Cement                  |
| 1530 | 1712 |                      | Rebed, anhydrite         | 4150 | 4090 |                      | Mud                     |
| 1712 | 1810 |                      | Anhydrite                | 4090 | 3935 |                      | Cement                  |
| 1810 | 2780 |                      | Salt, potash             | 3935 | 3869 |                      | Mud                     |
| 2780 | 2938 |                      | Anhydrite                | 3869 | 3850 |                      | Cement                  |
| 2938 | 3010 |                      | Sand, anhydrite          | 3850 | 3700 |                      | Mud                     |
| 3010 | 3792 |                      | Anhydrite, shale         | 3700 | 3500 |                      | Cement                  |
| 3792 | 3797 |                      | Sand                     | 3500 | 3250 |                      | Mud                     |
| 3797 | 3805 |                      | Dolomite                 | 3250 | 2250 |                      | Cement                  |
| 3805 | 3840 |                      | Anhydrite                | 2250 | 2000 |                      | Mud                     |
| 3840 | 4058 |                      | Anhydrite, shale         | 2000 | 1500 |                      | Cement                  |
| 4058 | 4109 |                      | Anhydrite, dolomite      |      |      |                      | Mud; shot off & pulled  |
| 4109 | 4253 |                      | Dolomite                 | 1500 | 1400 |                      | 1500' 5 1/2" Casing     |
| 4253 | 4359 |                      | Dolomite                 | 1400 | 330  |                      | Cement                  |
|      |      |                      | Ran electric log; no     | 330  | 225  |                      | Mud                     |
|      |      |                      | show of oil, gas,        | 225  | 0    |                      | Cement                  |
|      |      |                      | water. Plug back         |      |      |                      | Mud w/ 20 sacks cement; |
|      |      |                      | 4359' to 3869'. Ran      |      |      |                      | top & marker installed. |
|      |      |                      | & cemented 5 1/2" casing |      |      |                      |                         |
|      |      |                      | w/ 150 sacks. Perfor-    |      |      |                      |                         |
|      |      |                      | ated, tested dry.        |      |      |                      |                         |

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.

May 27, 1957  
Company or Operator CACTUS DRILLING COMPANY Address Box 788, San Angelo, Texas  
Name Position or Title Office Manager