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NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

OIL WELL DRILLING COMPANY

P. O. Box 3468, Odessa, Texas

Thomas Long Company or Operator 4 in NW SW of Sec 11 address 22-S  
Lease Drinkard Lea County.  
R. 37-E N. M. P. M. 990 Field, east West Section 11  
Well is 1650 feet south of the North line and 990 feet west of the East line of  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is Thomas Long Address Buice, New Mexico  
If Government land the permittee is Address  
The Lessee is Farmout from Shell Oil Company, Inc. Address Houston, Texas  
Drilling commenced December 5 1949 Drilling was completed January 13 1950  
Name of drilling contractor Own Tools Address  
Elevation above sea level at top of casing 3355.5 feet.  
The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 6421' to 6459' 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 None to feet.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

## CASING RECORD

| SIZE   | WEIGHT PER FOOT | THREADS PER INCH | MAKE  | AMOUNT | KIND OF SHOE                    | CUT & FILLED FROM | PERFORATED |    | PURPOSE        |
|--------|-----------------|------------------|-------|--------|---------------------------------|-------------------|------------|----|----------------|
|        |                 |                  |       |        |                                 |                   | FROM       | TO |                |
| 13-3/8 | 48#             | 8                | Nat'l | 259'   | Larkin Texas Pattern            |                   | None       |    | Surface Casing |
| 8-5/8  | 24#             | 8                | Nat'l | 2775'  | Howee Guide Shoe & Float Collar |                   | None       |    | Salt String    |
| 5-1/2  | 15.5#           | 8                | Nat'l | 6410'  | Howee Guide Shoe & Float Collar |                   | None       |    | Oil String     |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|--------------|-------------|--------------------|
| 17 1/2"      | 13-3/8         | 275'      | 300                 | Plug         | ?           | ?                  |
| 11"          | 8-5/8          | 2785'     | 1250                | Plug         | ?           | ?                  |
| 7-7/8        | 5-1/2          | 6421'     | 300                 | Plug         | ?           | ?                  |

## PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth Set  
Adapters — Material None Size

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

| SIZE | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY  | DATE    | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|------|------------|----------------------------|-----------|---------|-----------------------|-------------------|
|      |            | Mud Acid                   | 500 Gal.  | 1/22/50 | 6427-6459             |                   |
|      |            | 15% Low Tension            | 2500 Gal. | 1/23/50 | 6427-6459             |                   |

Results of shooting or chemical treatment. 1st Treatment: Formation received acid @ 2900# and completed @ 2550#; well came in on third run of swab and flowed 11.2 Bbls per hour on 17 Hr. Test.  
2nd Treatment: Well received acid @ 1000# and completed @ 1600#; well came in and flowed average of 22.4 Bbls per hr on 15 Hr. Test.

## 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 6459 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing January 23 1950  
The production of the first 24 hours was 537 barrels of fluid of which 100 % was oil; %  
emulsion; % water; and % sediment. Gravity, Be  
If gas well, cu. ft. per 24 hours 590.7 M Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in. 1781

## EMPLOYEES

J. M. Darnell Driller John Harris Driller  
Don L. Johnston Driller Paul D. Hoover Driller

## FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 25th

day of January, 1950

Notary Public

My Commission expires

Odessa, Texas

1/25/50

Name H. A. Farnett  
Position Chief Clerk

Representing OIL WELL DRILLING COMPANY

Company or Operator  
Address Box 3468, Odessa, Texas

## FORMATION RECORD

| FROM | TO        | THICKNESS<br>IN FEET | FORMATION                                  |
|------|-----------|----------------------|--------------------------------------------|
| 0    | 30        | 30                   | Surface Clay & Caliche                     |
| 30   | 75        | 45                   | Red Bed & Shells                           |
| 75   | 749       | 674                  | Red Bed (13-3/8" Casing cemented @ 275')   |
| 749  | 975       | 226                  | Red Bed & Gyp                              |
| 975  | 1060      | 85                   | Red Bed & Shells                           |
| 1060 | 1117      | 57                   | Anhydrite                                  |
| 1117 | 1209      | 92                   | Red Rock & Anhydrite                       |
| 1209 | 2270      | 1061                 | Anhydrite & Salt                           |
| 2270 | 2339      | 69                   | Anhydrite & Streaks of Salt                |
| 2339 | 2460      | 121                  | Anhydrite                                  |
| 2460 | 2578      | 118                  | Anhydrite & Gyp                            |
| 2578 | 2700      | 122                  | Anhydrite                                  |
| 2700 | 2744      | 44                   | Anhydrite & Gyp                            |
| 2744 | 2930      | 186                  | Anhydrite (8-5/8" Casing cemented @ 2785') |
| 2930 | 3210      | 280                  | Lime                                       |
| 3210 | 3393      | 183                  | Gray Lime                                  |
| 3393 | 3905      | 512                  | Lime                                       |
| 3905 | 4020      | 115                  | Brown Lime                                 |
| 4020 | 4286      | 266                  | Lime                                       |
| 4286 | 4375      | 89                   | Broken Lime & Sand                         |
| 4375 | 6459 (TD) | 2084                 | Lime (5 1/2" Casing cemented @ 6421')      |

RECORD OF DRILL STEM TEST

Tested from 6422' to 6459'.  
 Tool Open 3 Hrs 15 Min. with good blow.  
 Gas to surface in 20 min.  
 Recovered 2400' of oil & gas cut mud.  
 Closed in pressure 1781 Lbs.