

|  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

T  
21  
S

## 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 QUINTUPPLICATE. If State Land submit 6 Copies

Shell Oil Company

Livingston

(Company or Operator)

(Lease)

Well No. 12, in Lot 9, 1/4 of Sec. 4, T. 21S, R. 37E, NMPM.

Blinsbry (Oil)

Pool

Lea

County.

Well is 4620 feet from south line and 560 feet from east line

of Section 5. If State Land the Oil and Gas Lease No. is -

Drilling Commenced December 22, 1961 Drilling was Completed January 12, 1962

Name of Drilling Contractor McFarland Drilling Company

Address 3612 W. Wall, Midland, Texas

Elevation above sea level at Top of Tubing Head 3455' The information given is to be kept confidential until not confidential, 19

## OIL SANDS OR ZONES

|                            |                |
|----------------------------|----------------|
| No. 1, from 5769' to 5859' | No. 4, from to |
| No. 2, from 6163' to 6326' | No. 5, from to |
| No. 3, from 6543' to 6603' | 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 SGE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|------------|-----------------|-------------|--------|-------------|---------------------|--------------|---------|
| 9 5/8"     | 36#             | NEW         | 292'   |             |                     |              | Surface |
| (D) 2 7/8" | 6.5#            | NEW         | 6734'  | Guide       |                     |              | Oil     |
| (T) 2 7/8" | 6.5#            | NEW         | 6734'  | Guide       |                     |              | Oil     |
| (B) 2 7/8" | 6.5#            | NEW         | 6735'  | Guide       |                     | *            | Oil     |

5769', 5783', 5797', 5805', 5837', 5842', 5844', 5846', 5847', 5849', 5851', 5852', 5853', &amp; 5859'

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY         | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|---------------------|--------------------|
| 12 1/4"      | 9 5/8"         | 308       | 250                 | Pump & Plug | Cemented to surface |                    |
| (D) 8 3/4"   | 2 7/8"         | 6745'     | 635                 | Pump & Plug |                     |                    |
| (T) 8 3/4"   | 2 7/8"         | 6745'     | 635                 | Pump & Plug |                     |                    |
| (B) 8 3/4"   | 2 7/8"         | 6745'     | 635                 | Pump & Plug |                     |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

Perforated 5837', 5842', 5844', 5846', 5847', 5849', 5851', 5852', 5853', & 5859' w/1 J3PT.  
Treated w/3900 gallons lease crude containing 0.5% sand & 1/20% Mark II Admixt/gallon.  
Shutted dry. Perforated 5769', 5783', 5797', & 5805' w/1 J3. Set CIBP at 6391'.  
Treated w/10,000 gallons lease crude w/340 cu. ft. Nitrogen/barrel + 6200# sand.

Result of Production Stimulation On OGP flowed 88 BOPD + 2 BWPD thru 18/64" choke. FCP 100 psi.

Depth Cleaned Out 6391'

# 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 6750 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing February 5, 1962

OIL WELL: The production during the first 24 hours was 91 barrels of liquid of which 97% was oil; % was emulsion; 3% water; and % was sediment. A.P.I. Gravity 39.6 deg.

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                | 2600' (+864')  | T. Simpson              | T. Pictured Cliffs    |
| T. 7 Rivers             | 2854' (+610')  | T. McKee                | T. Menefee            |
| T. Queen                | 3482' (+42')   | T. Ellenburger          | T. Point Lookout      |
| T. Grayburg             | 3744' (-288')  | T. Gr. Wash             | T. Mancos             |
| T. San Andres           | 3965' (-501')  | T. Granite              | T. Dakota             |
| T. Glorieta             | 5200' (-1736') | T. Permian              | T. Morrison           |
| T. Drinkard             | 6122' (-3058') | T. Redrock              | T. Penn               |
| T. Tubbs                | 6161' (-2697') | T. Elmore               |                       |
| T. Abo                  |                | T. Drinkard Zone II     | 6662' (-3198')        |
| T. Penn                 |                | T. Drinkard Zone III    | 6696' (-3232')        |
| T. Miss                 |                | T.                      | T.                    |

## FORMATION RECORD

| From | To   | Thickness in Feet | Formation                      | From | To | Thickness in Feet | Formation |
|------|------|-------------------|--------------------------------|------|----|-------------------|-----------|
| 0    | 60   | 60                | Surface Sands, Caliche         |      |    |                   |           |
| 60   | 1200 | 1140              | Shale, Red Beds                |      |    |                   |           |
| 1200 | 2600 | 1400              | Anhydrite, Salt                |      |    |                   |           |
| 2600 | 3965 | 1365              | Sandstone, Anhydrite, Dolomite |      |    |                   |           |
| 3965 | 6750 | 2785              | Dolomite w/shale, Anhydrite    |      |    |                   |           |

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.

February 7, 1962 (Date)  
Company or Operator: Shell Oil Company Address: Box 1858, Amarillo, New Mexico  
Name: R. A. Lowery Original Signed By: R. A. LOWERY District Exploitation Engineer