



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

Ambassador Oil Corporation Langlie Mattix Penrose Sand Unit Tr. 19  
(Company or Operator) (Lease)

Well No. 5, in NW 1/4 of SE 1/4, of Sec. 27, T. 22 S, R. 37 E, NMPM.  
Langlie Mattix Pool, Lea County.

Well is 2210' feet from South line and 2210' feet from East line  
of Section 27. If State Land the Oil and Gas Lease No. is

Drilling Commenced April 7, 1965 Drilling was Completed April 16, 1965

Name of Drilling Contractor Leatherwood Drilling Company

Address Kermit, Texas

Elevation above sea level at Top of Tubing Head 3329' The information given is to be kept confidential until  
, 19

OIL SANDS OR ZONES

No. 1, from 3530' to 3536' No. 4, from 3598' to 3603'  
No. 2, from 3547' to 3555' No. 5, from 3627' to 3631'  
No. 3, from 3573' to 3576' No. 6, from 3643' to 3645'

IMPORTANT WATER SANDS

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

No. 1, from 70' to 80' feet  
No. 2, from 715' to 735' 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    |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|------------|
| 7 5/8" | 26#             | Used        | 300'   | Tex. patt.   |                     |              | Surface    |
| 4 1/2" | 11.60#          | New         | 3682'  | Float Shoe   |                     | See below    | Oil string |

MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. BAGS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|--------------------|-------------|-------------|--------------------|
| 9 7/8"       | 7 5/8"         | 300'      | 150                | Pump & plug |             |                    |
| 6 3/4"       | 4 1/2"         | 3682'     | 240                | Pump & plug |             |                    |

RECORD OF PRODUCTION AND STIMULATION

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

1. Perforations 3530'-36', 3547'-55', 3573'-76', 3598'-3603', 3627'-31', 3643'-45',  
3661'-64'.

2. Acidized perforations with 1000 gallons reg. 15% acid.

Result of Production Stimulation Well drilled for a water injection well. Well placed on injection  
4/29/65 after running tubing and packer.

Depth Cleaned Out 3670'

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 3682 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

on injection  
Put ~~down~~ April 29, 1965

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.                | 1120' |  | T. Devonian             |  | T. Ojo Alamo          |
| T. Salt.                | 1212' |  | T. Silurian             |  | T. Kirtland-Fruitland |
| B. Salt.                | 2453' |  | T. Montoya              |  | T. Farmington         |
| T. Yates                | 2593' |  | T. Simpson              |  | T. Pictured Cliffs    |
| T. 7 Rivers             | 2850' |  | T. McKee                |  | T. Menefee            |
| T. Queen                | 3365' |  | T. Ellenburger          |  | T. Point Lookout      |
| T. Grayburg             |       |  | 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    | 20   | 20                   | Caliche               |      |    |                      |           |
| 20   | 45   | 25                   | Sand                  |      |    |                      |           |
| 45   | 70   | 25                   | Red beds              |      |    |                      |           |
| 70   | 80   | 10                   | Sand                  |      |    |                      |           |
| 80   | 490  | 410                  | Red beds & sand       |      |    |                      |           |
| 490  | 715  | 225                  | Red beds & shale      |      |    |                      |           |
| 715  | 800  | 85                   | Sand & shale          |      |    |                      |           |
| 800  | 1120 | 320                  | Red beds & shale      |      |    |                      |           |
| 1120 | 2450 | 1330                 | Anhydrite & salt      |      |    |                      |           |
| 2450 | 3500 | 550                  | Dolo & anhydrite      |      |    |                      |           |
| 3500 | 3682 | 182                  | Dolo & sand stringers |      |    |                      |           |

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.

April 29, 1965

(Date)

Company or Operator Ambassador Oil Corporation  
Name M. F. Nelson M. F. Nelson

Address P. O. Box 247, Hobbs, New Mexico  
Position or Title Project Supervisor