

**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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Amerada Petroleum Corporation**  
(Company or Operator)

**State** **WEST**  
(Lease)

Well No. 3, in C-10-12 1/4 of Sec. 1, T. 21-S, R. 35-E, NMPM.

## Excerpt

**.Pool,**

**Los**

County.

Well is 3225.5 feet from North line and 1980' feet from West line  
of Section 1. If State Land the Oil and Gas Lease No. is E-193

Drilling Commenced July 2, 1955 Drilling was Completed July 15, 1955

Name of Drilling Contractor.....McQueen and Stent Drilling Co.

Address.....1601 West Texas Street, Midland, Texas

Elevation above sea level at Top of Tubing Head.....**3564' dr**..... The information given is to be kept confidential until  
**Not Confidential**..... 19.....

No. 1, from 3822' to 3860' No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

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. ....

| SIZE   | WEIGHT<br>PER FOOT | NEW OR<br>USED | AMOUNT | KIND OF<br>SHOE | CUT AND<br>PULLED FROM | PERFORATIONS              | PURPOSE |
|--------|--------------------|----------------|--------|-----------------|------------------------|---------------------------|---------|
| 8-5/8" | 24#                | New            | 1461'  | Guide           |                        |                           |         |
| 9-1/2" | 15.5#              | New            | 3879'  | Float           | 3822'                  | to 3860' - Oil Production |         |
|        |                    |                |        |                 |                        |                           |         |

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED     | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-----------------|-------------|--------------------|
| 12-1/4"      | 8-5/8"         | 1478'     | 800                 | B. & J. Service |             |                    |
| 7-7/8"       | 5-1/2"         | 3890'     | 800                 | Halliburton     |             |                    |
|              |                |           |                     |                 |             |                    |

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

Acidised 5-1/2" OD casing perforations from 3822' to 3860' with 500 gallons 15% LST Acid.  
Sand-Oiled 5-1/2" OD casing perforations with 20,000 gallons of oil and with 20,000 lbs.  
of sand.

Result of Production Stimulation. Flowed 91.08 barrels of oil and 24.56 barrels of water in 5 hours on 24-64" choke. T.P. 280# to 320#. Gas Volume 481,710 cuft. GOR 1102. Gravity 33.9 corrected. 24 hour rate: 437.28 barrels of oil and 117.89 barrels of water. Well completed 7-16-55. Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TEST

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 3890 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing July 16, 1955

OIL WELL: The production during the first 24 hours was 555.17 barrels of liquid of which 79 % was  
was oil; % was emulsion; 21 % water; and % was sediment. A.P.I.  
Gravity 33.9 corrected.

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.           | 1452'            | T. Devonian    | T. Ojo Alamo          |
| T. Salt.           | 1566'            | T. Silurian    | T. Kirtland-Fruitland |
| B. Salt.           | 2860'            | T. Montoya     | T. Farmington         |
| T. Yates           | 3032'            | T. Simpson     | T. Pictured Cliffs    |
| <del>T. Doon</del> | <del>3170'</del> | T. McKee       | T. Menefee            |
| T. Queen           | 3802'            | 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'    | 6'    | 6'                   | Cellar                             |      |    |                      | <u>SLOPE TESTS</u> |
| 6'    | 1452' | 1446'                | Red Beds                           |      |    |                      |                    |
| 1452' | 1566' | 114'                 | Anhydrite                          |      |    | 437'                 | 0 deg.             |
| 1566' | 2860' | 1294'                | Salt, Anhydrite, Shale and Potash. |      |    | 767'                 | 0 deg.             |
| 2860' | 3032' | 172'                 | Anhydrite and Shale                |      |    | 1003'                | 1/2 deg.           |
| 3032' | 3890' | 858'                 | Anhydrite, Sand and Dolomite.      |      |    | 1391'                | 3/4 deg.           |
|       | 3890' |                      | Total Depth                        |      |    | 1956'                | 1-3/4 deg.         |
|       |       |                      |                                    |      |    | 2525'                | 1-1/2 deg.         |
|       |       |                      |                                    |      |    | 3036'                | 3 deg.             |

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 **Amrad Petroleum Corporation** Address **Drawer D - Monument, New Mexico**  
Name *M. Smith* Position or Title **Foreman**  
Date **July 21, 1955**