

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 6400 feet, and from feet to feet.
 Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Completed as shut in gas well

Put to Producing December 4, 1963

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

GAS WELL: The production during the first 24 hours was 3042 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure 2000 lbs. (CFC)

Length of Time Shut in 20 hours

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..... | T. Simpson..... | T. Pictured Cliffs..... 1730 |
| T. 7 Rivers..... | T. McKee..... | T. Menefee..... |
| T. Queen..... | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | T. Gr. Wash..... | T. Mancos..... 4350 |
| T. San Andres..... | T. Granite..... | T. Dakota..... 6174 |
| 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 in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|------------------------|------|----|-------------------|-----------|
| 0 | 1730 | 1730 | Surface sand and shale | | | | |
| 1730 | 1862 | 132 | Pictured Cliffs | | | | |
| 1862 | 3315 | 1453 | Lewis | | | | |
| 3315 | 4350 | 1035 | Mesaverde Group | | | | |
| 4350 | 5334 | 984 | Mancos | | | | |
| 5334 | 5664 | 330 | Gallup | | | | |
| 5664 | 6071 | 407 | Lower Mancos | | | | |
| 6071 | 6134 | 63 | Greenhorn shale | | | | |
| 6134 | 6174 | 40 | Graneros shale | | | | |
| 6174 | 6252 | 78 | Graneros Dakota | | | | |
| 6252 | 6400 | 148 | Main Dakota | | | | |

Handwritten notes:
 5
 17
 2000
 2000
 2000
 2000

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.

Farmington, New Mexico December 30, 1963

Company or Operator: Pan American Petroleum Corporation Address: P. O. Box 480, Farmington, New Mexico
 Name: Fred L. Nabors, District Engineer Position or Title: