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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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Pan American Petroleum Corporation  
(Company or Operator)

Bargin Gas Unit  
(Lease)

Well No. 1, in NW 1/4 of NE 1/4, of Sec. 21, T. -29-N, R. -11-W, NMPM.  
Basin Dakota Pool, San Juan County.

Well is 1010 feet from North line and 1820 feet from East line  
of Section 21. If State Land the Oil and Gas Lease No. is

Drilling Commenced April 4, 1962 Drilling was Completed April 15, 1962

Name of Drilling Contractor Brinkerhoff Drilling Company

Address 870 Denver Club Building, Denver, Colorado

Elevation above sea level at Top of Tubing Head 5475 (OL) The information given is to be kept confidential until  
Not Confidential, 19

OIL SANDS OR ZONES

No. 1, from 6166 to 6204 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 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 SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE    |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|------------|
| 8-5/8" | 22.7#           | N.W         | 352    | Guide        |                     |              | Surface    |
| 4-1/2" | 10.5#           | New         | 6339   | Guide        |                     |              | Oil String |

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"      | 8-5/8          | 360       | 260                 | BJ 1 Plug           |             |                    |
| 7-7/8"       | 4-1/2          | 6306      | 860                 | Halliburton 2 Stage |             |                    |

RECORD OF PRODUCTION AND STIMULATION

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

Perforated Dakota zone 6168-76' with 6shots per foot. Sand water fracked these perforations with 40,000 gallons and 40,000 pounds sand.

Result of Production Stimulation Preliminary potential test 4261 MCFD

Depth Cleaned Out 6272

# 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 6310 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

Completed as shut in Basin Dakota Field PRODUCTION  
Well

Put to Producing April 30 1962

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 4261 M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 1965 lbs.

Length of Time Shut in 43 hours

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

T. Anhy.  
T. Salt.  
B. Salt.  
T. Yates.  
T. 7 Rivers.  
T. Queen.  
T. Grayburg.  
T. San Andres.  
T. Glorieta.  
T. Drinkard.  
T. Tubbs.  
T. Abo.  
T. Penn.  
T. Miss.

T. Devonian.  
T. Silurian.  
T. Montoya.  
T. Simpson.  
T. McKee.  
T. Ellenburger.  
T. Gr. Wash.  
T. Granite.  
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T.

### Northwestern New Mexico

T. Ojo Alamo 370  
T. Kirtland-Fruitland  
T. Farmington  
T. Pictured Cliffs 1608  
T. Menefee 3400  
T. Point Lookout 3985  
T. Mancos 4362  
T. Dakota 6089  
T. Morrison  
T. Penn.  
T.  
T.  
T.

## FORMATION RECORD

| From | To   | Thickness<br>in Feet | Formation   | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|---|------|----|----------------------|-----------|
| 0    | 1608 | 1608                 | Undifferentiated surface<br>sands, shales and coals |      |    |                      |           |
| 1608 | 1788 | 180                  | Pictured Cliff sands,<br>shales and coals           |      |    |                      |           |
| 1786 | 3238 | 1450                 | Lewis Shale   |      |    |                      |           |
| 3238 | 4362 | 1124                 | Mesaverde sands, shales<br>and coals                |      |    |                      |           |
| 4362 | 5254 | 892                  | Upper Mancos Shales                                 |      |    |                      |           |
| 5254 | 5665 | 411                  | Gallup sands and shales                             |      |    |                      |           |
| 5665 | 5754 | 89                   | Sanastee Sands and Shales                           |      |    |                      |           |
| 5754 | 5900 | 146                  | Lower Mancos Shales                                 |      |    |                      |           |
| 5900 | 6043 | 143                  | Greenhorn Sands and Shales                          |      |    |                      |           |
| 6043 | 6089 | 46                   | Graneros Shale                                      |      |    |                      |           |
| 6089 | 6310 | 221                  | Dakota Sands and Shales                             |      |    |                      |           |

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 May 4, 1962

PAN AMERICAN PETROLEUM CORPORATION  
Company or Operator

Box 480, Farmington, New Mexico  
Address

ORIGINAL SIGNED BY  
Name R. M. Bauer, Jr.

Position Title Senior Petroleum Engineer