

**Santa Fe, New Mexico**

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## 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

[illegible]

AREA 640 ACRES  
LOCATE WELL CORRECTLY.

**Pan American Petroleum Corporation**  
(Company or Operator)

Gallegos Canyon 143 UNIT  
(Low)

Well No. 1, in SE  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , of Sec. 25, T. 29N, R. 12W, NMPM.

## Basin Dakota

Pool ..... **San Juan**

County.

Well is 1450 feet from West line and 1926 feet from North line

of Section 25 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced November 11, 1963 Drilling was Completed November 20, 1963

Name of Drilling Contractor..... **Brinkerhoff Drilling Company**

Name of Drilling Contractor.....  
Address..... 870 Denver Club Building, Denver, Colorado

Elevation above sea level at Top of Tubing Head.....5497 (GL)..... The information given is to be kept confidential until  
Not Confidential....., 19.....

### OIL SANDS OR ZONES

No. 1, from 6010 to 6020 (G) No. 4, from 6127 to 6132 (G)

No. 2, from 6087 to 6092 (G) No. 5, from ..... to .....

No. 3, from 6103 to 6111 (G) 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"	24#	New	349	Guide			Surface
4-1/2"	10.5#	New	6237	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"	359	230	BJ 1 Plug		
7-7/8"	4-1/2"	6206	1570	BJ 2 Stage		

### RECORD OF PRODUCTION AND STIMULATION

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

Perforated 6087-92, 6103-11 and 6127-32 with 2 shots per foot. Sand water fracked these perforations with 39,140 gallons water containing 4 pounds FB-4 per 1000 gallons, 1% calcium chloride and 40,000 pounds sand. Pressures were: Breakdown 1700, Maximum 3500, Average injection rate 32 barrels per minute. Set bridge plug at 6050'. Perforated 6010-6020 with 4 shots per foot. Sand water fracked these perforations with 10,970 gallons water containing 4 pounds FB-4 per 1000 gallons and 1% calcium chloride. Had 4000 pounds sand in formation when sanded off. Cleaned out sand and spotted 500 gallons 15% MCA. Pumped in at 3500 psi. Waited for acid to react. Cleaned out sand. Drilled bridge plug and cleaned out to PBD 6167'. Landed 2-3/8" tubing at 6037' and began testing well.

tubing at 6037' and began testing well.  
Result of Production Stimulation well completed December 4, 1963 as shut in Basin Dakota Field development well. Preliminary test 7790 MCF per day.

..Depth Cleaned Out....6167. PBD

# 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 6206 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 <sup>PRODUCTION</sup> Well

Put to Producing December 4, 19 63

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 7790 M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 2075 lbs. (CPC)

Length of Time Shut in 20 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.  
T.  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo.  
T. Kirtland-Fruitland.  
T. Farmington.  
T. Pictured Cliffs. 1545  
T. Menefee.  
T. Point Lookout.  
T. Mancos. 4265  
T. Dakota. 6009  
T. Morrison.  
T. Penn.  
T.  
T.  
T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1545	1545	Surface sand and shale				
1545	1615	70	Pictured Cliffs				
1615	3062	1447	Lewis shale				
3062	4265	1203	Mesaverde Group				
4265	5154	889	Mancos				
5154	5514	360	Gallup				
5514	5908	394	Lower Mancos				
5908	5970	62	Greenhorn shale				
5970	6009	39	Graneros shale				
6009	6083	74	Graneros Dakota				
6083	6206	123	Main Dakota				

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  
Fred L. Nabors, District Engineer

Address P. O. Box 480, Farmington, New Mexico

Name Position or Title