

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION OFFICE	
OPERATOR	

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

X							

AREA 640 ACRES  
LOCATE WELL CORRECTLYPAN AMERICAN PETROLEUM CORPORATION  
(Company or Operator)Gallegos Canyon Unit-Dakota  
(Lease)

Well No. 171, in NW 1/4 of NW 1/4, of Sec. 25, T. 29-N, R. 13-W, NMPM.

Basin Dakota

Pool,

San Juan

County.

Well is 1120 feet from North line and 820 feet from West line

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

Drilling Commenced July 26, 1964 Drilling was Completed August 12, 1964

Name of Drilling Contractor Brinkerhoff Drilling Company

Address 870 Denver Club Building, Denver, Colorado

Elevation above sea level at Top of Tubing Head 5368 (RDB) The information given is to be kept confidential until

Not Confidential, 19

## OIL SANDS OR ZONES

No. 1, from 5758 to 5800 No. 4, from to

No. 2, from 5842 to 5900 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"	24#	New	354	Guide			Surface
4-1/2"	10.5#	New	603#	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"	363	250	Halliburton 1 Plug		
7-7/8"	4-1/2"	6003	1450	Halliburton 2 Stage		

## RECORD OF PRODUCTION AND STIMULATION

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

Perforated 5852-62, 5872-88 with 2 shots per foot. Fracked these perforations with 39,070 gallons water containing .4% potassium chloride, 2 pounds per 1000 gallons and 40,000 pounds sand. Breakdown pressure 1600 psi, average treating 3000 psi. Average injection rate 52 BPM. Bridge plug set at 5840 and tested with 3500 psi. Test OK. Perforated 5760-68, 5780-90 with 2 shots per foot. Fracked these perforations with 32,600 gallons water treated as above and containing 30,000 pounds sand. No breakdown pressure, average treating 3100 psi, average injection rate 40.7 BPM. Drilled out bridge plug and cleaned up well. 2-3/8" tubing landed at 5775 and well completed August 25, 1964 as Basin Dakota Field development well. Preliminary test 7200 MCFD.

Result of Production Stimulation

Depth Cleaned Out 5968

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 6003 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Shut In, 19  
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 7200 M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure 2025 lbs.  
Length of Time Shut in 15-1/2 hrs.

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
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	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 in Feet	Formation	From	To	Thickness in Feet	Formation
0	1160		Surface Sand and Shale				
1160	1390	230	Pictured Cliffs				
1390	2290	900	Lewis Shale				
2290	3970	1680	Mesa Verde				
3970	4884	914	Mancos				
4884	5334	450	Gallup				
5334	5652	318	Base Gallup				
5652	5712	60	Greenhorn				
5712	5758	46	Graneros Shale				
5758	5842	84	Graneros Dakota				
5842	6003	161	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 August 26, 1964  
Company or Operator PAN AMERICAN PETROLEUM CORP.  
Fred L. Nabors, District Engineer Address P. O. Box 480, Farmington, New Mexico  
Name ORIGINAL SIGNED BY Position or Title