

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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	GAS
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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 Gallegos Canyon Unit-Dakota

(Company or Operator)

(Lease)

Well No. 173, in NE 1/4 of NE 1/4, of Sec. 29, T. -29-N, R. -12-W, NMPM.

Basin Dakota

Pool,

San Juan

County.

Well is 1025 feet from North line and 925 feet from East line

of Section 29. If State Land the Oil and Gas Lease No. is

Drilling Commenced September 12, 1964. Drilling was Completed September 22, 1964.

Name of Drilling Contractor Cactus Drilling Co.

Address Drawer 71, San Angelo, Texas

Elevation above sea level at Top of Tubing Head 5330 (RDB). The information given is to be kept confidential until Not Confidential, 19

OIL SANDS OR ZONES

No. 1, from 5764 to 5832 (Gas) No. 4, from to
No. 2, from 5832 to 5870 (Gas) 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	359	Guide			Surface
4-1/2"	10.5#	New	5974	Guide			Oil String

MUDDING AND CEMENTING RECORD

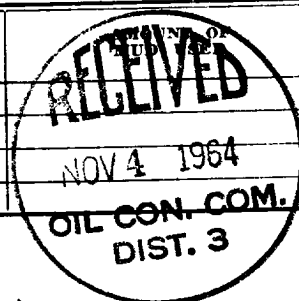
SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY
12-1/4"	8-5/8"	369	200	Howee 1 Plug	
7-7/8"	4-1/2"	5948	1000	Howee 2 Stage	

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Ops. or Gals. used, interval treated or shot.)
Perforated 5844-56 with 2 shots per foot. Fractured these perforations with 44,972 gallons water containing 0.6% potassium chloride, 2 pounds J-100 per 1000 gallons and 40,000 pounds sand. Breakdown pressure 3000 psi. Average treating 2700 psi; average injection rate 44.1 BPM. Set bridge plug at 5830 and tested with 3000 psi. Test OK.
Perforated Graneros 5768-76, 5780-86 with 3 shots per foot. Fractured these perforations with 30,072 gallons water treated as above and containing 20,000 pounds sand. Breakdown pressure 3000 psi. Average treating 2850 psi; average injection rate 38.5 BPM. Cleaned well out and drilled bridge plug.
2-3/8" tubing was set at 5799 and well completed 10-18-64 as Basin Dakota Field Development Well. Preliminary test 5600 MCFD.

Result of Production Stimulation

Depth Cleaned Out 5912



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 5950 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 October 18, 1964

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 5900 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 2050 lbs.

Length of Time Shut in 21 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.
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	1230	1230	Sand and Shale				
1230	1385	155	Pictured Cliffs				
1385	2930	1545	Lewis Shale				
2930	3970	1040	Mesaverde				
3970	4896	926	Mancos				
4896	5254	358	Gallup				
5254	5658	404	Base Gallup				
5658	5722	64	Greenhorn				
5722	5764	42	Graneros Shale				
5764	5832	68	Graneros Dakota				
5832	5950	118	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 October 27, 1964

Company Operator PAN AMERICAN PETROLEUM CORP.
Name Fred L. Nabors, District Engineer

Address Box 480, Farmington, New Mexico

ORIGINAL SIGNED BY
F. L. NABORS

Position or Title