

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

A 10x10 grid with a small black mark in the 5th column and 4th row.

AREA 640 ACRES
LOCATE WELL, CORRECTLY.

PAN AMERICAN PETROLEUM CORPORATION Gallegos Canyon No. 180 Unit
(Company or Operator)

Well No. 1, in NW ¼ of SE ¼, of Sec. 28, T. 29-N, R. 10-W, NMPM.

Basin Dakota Pool, San Juan County.

Well is 1550 feet from South line and 2130 feet from East line

of Section.....28..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced.....September 29....., 1964. Drilling was Completed.....October 8....., 1964.

Name of Drilling Contractor.....**Cactus Drilling Corp.**.....

Address.....Drawer 71, San Angelo, Texas.....

Elevation above sea level at Top of Tubing Head.....5338 (RDB)..... The information given is to be kept confidential until

.....~~Not Confidential~~....., 19.....

OIL SANDS OR ZONES

No. 1, from 5790 to 5860 (Gas) No. 4, from _____ to _____

No. 2, from 5860 to 5900 (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	346	Guide			Surface
4-1/2"	10.5#	New	5987	Guide			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	RECEIVED NOV 4 1964 CON. COM.
12-1/4"	8-5/8"	358	200	Howse 1 Plug		
7-7/8"	4-1/2"	5961	1315	Howse 2 Stage		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated Main Dakota 5870-5900 with 2 shots per foot. Fractured these perforations with 43,000 gallons water containing 1% calcium chloride and 7 pounds J-2 per 1000 gallons and 40,000 pounds sand. Breakdown pressure 1700 psi, average treating 2850 psi, average injection rate 46-1/2 BPM. Bridge plug set at 5850 and tested with 3000 psi. Test OK. Perforated Graneros 5794-5802 with 6 shots per foot. Fractured these perforations with 20,500 gallons water treated as above and containing 20,000 pounds sand. Breakdown pressure 1300 psi, average treating 2800 psi, average injection rate 36 BPM. Drilled out bridge plug and cleaned well up.

2-3/8" tubing set at 5825 with packer set at 5817. Annulus between 2-3/8" tubing and Result of Production Stimulation..... 4-1/2 " casing loaded with water containing corrosion inhibitor. Well completed 10-19-64 as Basin Dakota Field Development Well. Preliminary test 6500

..Depth Cleaned Out.....59.2%

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 5965 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 19 64, 19 64.
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 6500 M.C.F. plus 0 barrels of
liquid Hydrocarbon. Shut in Pressure 2075 lbs.
Length of Time Shut in 18 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	1265	1265	Surface Sand and Shale				
1265	1420	155	Pictured Cliffs				
1420	2990	1570	Lewis Shale				
2990	4000	1010	Mesaverde				
4000	4934	934	Mancos				
4934	5304	370	Gallup				
5304	5702	398	Base Gallup				
5702	5750	48	Greenhorn				
5750	5790	40	Graneros Shale				
5790	5860	70	Graneros Dakota				
5860	5965	105	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 28, 1964
Company PAN AMERICAN PETROLEUM CORP.
Name Fred E. Nabors, District Engineer
Address P. O. Box 480, Farmington, New Mexico
Position or Title