

Santa Fe, New Mexico

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WELL RECORD

x							

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)

Burnham Gas Unit

(Company or Operator)

(Leave)

Well No. 1, in SW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 12, T. 29N, R. 13W, NMPM.
Basin Dakota Pool San Juan County.

Well is 870 feet from South line and 1180 feet from West line of Section 12. If State Land the Oil and Gas Lease No. is _____

Drilling Commenced August 29, 19 64. Drilling was Completed September 10, 19 64.

Name of Drilling Contractor..... **Cactus Drilling Company**

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

Elevation above sea level at Top of Tubing Head..... 5438 (RDB)..... The information given is to be kept confidential until
Not Confidential 19.....

OIL SANDS OR ZONES

No. 1, from 5904 to 5980 (Gas) No. 4, from _____ to _____

No. 2, from 5980 to 6060 (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	393	Guide			Surface
4-1/2"	10.5#	New	6168	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"	402	200	Halliburton 1 Plug		
7-7/8"	4-1/2"	6136	1500	Halliburton 2 Stage		

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RECORD OF PRODUCTION AND STIMULATION

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

Perforated Main Dakota 6045-57, 5996-6018 with 2 shots per foot and 5982-86 with 4 shots per foot. Fractured these perforations with 50,000 gallons water containing .8% potassium chloride, 2 pounds FR-8 per 1000 gallons and 50,000 pounds sand. Breakdown pressure 2000. Treating pressure 3200. Average injection rate 50.7 BPM. Dropped 40 ball sealers halfway through frac and pressure increased from 3000 to 3400 psi. Bridge plug set at 5960 and tested with 3500 psi. Test OK. Perforated Graneros 5907-23 with 4 shots per foot. Well communicated; did not frac. Drilled out bridge plug and cleaned out well. 2-3/8" tubing ~~Result of Productive Stimulation~~ landed at 5926" and well completed 9-24-64 as Basin Dakota Field Development Well. Preliminary test 5900 MCFD.

..Depth Cleaned Out.....6102

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OCT 5 1954
OIL CON. COM.
DIST. 3

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 6136 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 September 24, 64, 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 590 M.C.F. plus 0 barrels of
liquid Hydrocarbon. Shut in Pressure 1975 lbs.
Length of Time Shut in 19-3/4 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	1380	1380	Sand and Shale				
1380	1540	160	Pictured Cliffs				
1540	2930	1390	Lewis Shale				
2930	4150	1220	Mesaverde				
4150	5062	912	Mancos				
5062	5426	364	Gallup				
5426	5808	382	Base Gallup				
5808	5857	49	Greenhorn				
5857	5904	47	Graneros Shale				
5904	5980	76	Graneros Dakota				
5980	6098	118	Main Dakota				
6098	6136	38	Lower 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 1, 1964
Address Box 480, Farmington, New Mexico
Name Pan American Petroleum Corp. District Engr.
Position or Title