

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

D. Miller

(Company or Operator)

(Lease)

Well No. 1, in SW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 21, T. 30N, R. 13W, NMPM.

Basin Dakota

Pool, San Juan

..County.

Well is 790 feet from South line and 790 feet from West line.

of Section 21 If State Land the Oil and Gas Lease No. New Mexico State Game Dept. Lease GP-2

Drilling Commenced 8-17- 19 64 Drilling was Completed 8-28-64 19 64

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

Address.....

Elevation above sea level at Top of Tubing Head..... 5403 (RDB)..... The information given is to be kept confidential until
Not Confidential..... 19.....

OIL SANDS OR ZONES

No. 1, from 5861 to 5940 (Gas) No. 4, from _____ to _____

No. 2, from 5940 to 6002 (Gas) No. 5, from _____ to _____

No. 3 from 6002 to 6040 (Gas) 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	348	Guide			Surface
4-1/2"	10.5#	New	609 1/4	Guide			Oilstring

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"	358	200	Halliburton 1 plug		
7-7/8"	4-1/2"	6063	1500	Halliburton 2 stage		

RECEIVED
OCT 5 1964

RECORD OF PRODUCTION AND STIMULATION

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

Perforated Lower Dakota 6000-26 with 2 shots per foot. Fractured these perforations with 52,900 gallons water containing 1% calcium chloride, 3 pounds J-100 per 1000 gallons and 30,000 pounds sand. Pumped in at 1920 psi. Average treating pressure 3500 psi. Average injection rate 39 BPM. Ran 2-3/8" tubing and set at 5992. Selective test at Lower Dakota 1800 MCFPD. Bridge plug set at 5988 and tested with 3500 psi. Test ok. Perforated Main Dakota 5918-26 with 2 shots per foot, 5943-48 with 4 shots per foot, 5958-72 with 2 shots per foot. Well communicated and did not frack. Bridge plug set at 5910 and tested with 3500 psi. Test ok. Perforated Graneros 5864-76 with 4 shots per foot. Fractured these perforations with 25,020 gallons water containing 0.8% potassium chloride, 2 pounds J-100 per 1000 gallons and 20,000 pounds sand. Breakdown pressure 2300 psi. Average treating pressure 2900 psi. Average injection rate 44 BPM. Drilled out Bridge plugs and completed well. 2-3/8" Tubing landed at 5892 and well completed 9-30-64 as Basin Dakota Field Development well. Preliminary Test 2200 MCFPD.

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 6063 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 30, 1964

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 3300 M.C.F. plus 0 barrels of
liquid Hydrocarbon. Shut in Pressure 1800 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	1273	1273	Sand and Shale				
1273	1435	162	Pictured Cliffs				
1435	2826	1391	Lewis Shale				
2826	4085	1259	Mesaverde				
4085	5006	921	Mancos				
5006	5340	334	Gallup				
5340	5760	420	Base Gallup				
5760	5810	50	Greenhorn				
5810	5861	51	Graneros Shale				
5861	5940	79	Graneros Dakota				
5940	6002	62	Main Dakota				
6002	6063	61	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.

Company or Operator PAN-AMERICAN PETROLEUM CORP.
Name Fred L. Nabors, District Engr.
Farmington, New Mexico October 1, 1964
Address Box 480, Farmington, New Mexico
Position or Title