

Santa Fe, New Mexico

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WELL RECORD

[illegible]

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

Hutton Gas Unit

(Company or Operator)

(Lease)

Well No. 1, in SE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 6, T-29-N, R. -12-W, NMPM.

Basin Dakota

Pool.....San Juan

..County.

Well is 1515 feet from North line and 940 feet from East line.

of Section 6 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced.....**October 23**....., 19**64**..... Drilling was Completed.....**November 2**....., 19**64**.....

Name of Drilling Contractor..... **Cactus Drilling Corporation**

Address..... **Box 71, San Angelo, Texas**

Elevation above sea level at Top of Tubing Head.....5426 (RDB)..... The information given is to be kept confidential until
Not Confidential..... 19.....

OIL HANDS OR ZONES

No. 1, from 5961 to 6035 (Gas) No. 4, from.....to.....

No. 2, from 6035 to 6070 (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	362	Guide			Surface
4-1/2"	10.5#	New	6170	Guide			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY
12-1/4"	8-5/8"	373	200	Halliburton	1 Plug
7-7/8"	4-1/2"	6140	1450	Halliburton	2 Stage

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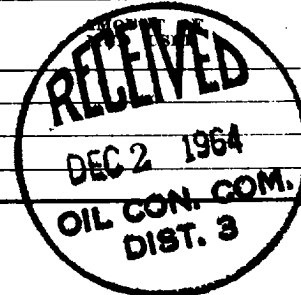
RECORD OF PRODUCTION AND STIMULATION

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

Perforated 604-66 with 2 shots per foot. Fracked these perforations with 43,260 gallons water containing 4% calcium chloride and 7 pounds J-2 per 1000 gallons water and 30,000 pounds 20-40 sand and 10,000 pounds 10-20 sand. Breakdown pressure 2000, treating pressure 3350, average injection rate 41 BPM. Bridge plug set at 6025 and tested with 3500 psi. Test OK. Perforated 5965-71 with 4 shots per foot. Well communicated and did not fracture.

Result of Production Stimulation. 2-3/8" tubing landed at 5992 and well completed as shut-in Basin Dakota Field Development Well on November 20, 1964. Preliminary Test 2700 MCFD.

Depth Cleaned Out.



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 6140 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

Completed and Shut In

PRODUCTION

Put to Producing November 20, 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 2700 M.C.F. plus No barrels of
liquid Hydrocarbon. Shut in Pressure 2000 lbs.

Length of Time Shut in 20-1/2 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	1445	1445	Surface Sand and Shale				
1445	1610	165	Pictured Cliffs				
1610	2980	1370	Lewis Shale				
2980	4175	1195	Mesaverde				
4175	5098	923	Mancos				
5098	5436	338	Gallup				
5436	5846	410	Base Gallup				
5846	5914	68	Greenhorn				
5914	5961	47	Graneros Shale				
5961	6035	74	Graneros Dakota				
6035	6140	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 November 30, 1964 (Date)

Company or Operator PAN AMERICAN PETROLEUM CORP.
Name Fred L. Nabors, District Engineer
ORIGINAL SIGNED BY E. H. HOLLINGSWORTH

Address P. O. Box 480, Farmington, New Mexico
Position or Title