

Santa Fe, New Mexico

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Pan American Petroleum Corporation

Armenta Gas Unit

(Company or Operator)

(Lease)

Well No. 1, in NW $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 27, T. -29-N, R. -10-W, NNPM.

Artee-Pictured Cliff

San Juan

Pool

County.

Well is 400 feet from North line and 1190 feet from West line

of Section 27..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced..... **October 8** 19. **57** Drilling was Completed..... **October 13** 19. **57**

Name of Drilling Contractor.....**Brannon & Murray**

Address: **Box 672, Coleman, Texas**

Elevation above sea level at Top of Tubing Head..... **5510 (DF)**..... The information given is to be kept confidential until
Not confidential..... 19.....

OIL SANDS OR ZONES

1806 1850 (G)

No. 2, from.....to..... 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	22.7	New	226	Guide			Surface
5-1/2	14	New	1919	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
11"	8-5/8"	233	225	Halliburton 2 Plug		
7-7/8"	5-1/2"	1920	400	Halliburton 2 Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated with two shots per foot 1808-50. Sand-water fracked with 30,000 gallons water and 40,000 pounds sand spearheaded by 120 gallons 15% acid using 25 gallons hyflo in initial frac volume. Formation broke at 1925 pounds pressure. Average injection rate 47 barrels per minute.

Result of Production Stimulation: Preliminary test 3400 MCFPD, completed as Astec-Pictured Cliffs development gas well 10/25/57.

..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 1920' 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 25, 1957.
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 3400 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in.

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. 630
T. Salt.			T. Silurian.		T. Kirtland-Fruitland. 772
B. Salt.			T. Montoya.		T. Farmington. 1580
T. Yates.			T. Simpson.		T. Pictured Cliffs. 1802
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	630	630	Surface sand, shale & Anises shale.				
630	773	142	Ojo Alamo sandstone.				
772	1580	808	Kirtland-Farmington sand & shale.				
1580	1802	222	Fruitland sands, shales & coals.				
1802	1923	121	Pictured Cliffs sandstone.				

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

No. Copies Received 5

DISTRIBUTION

	NO. FURNISHED	
Operator	1	
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.	2	
Transporter		
File	1	✓

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.

November 4, 1957 (Date)

Company or Operator Pan American Petroleum Corporation Address Box 487, Farmington, New Mexico

Name ORIGINAL SIGNED L. O. Speer, Jr. Position or Title Field Superintendent