

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
(Company or Operator)

Liliana Gas Unit "A"
(Loss)

Well No. 2, in NW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 34, T. 30N, R. 9W NMPM

Blanco Pictured Cliffs

Pool.....SAN JUAN

...County.

Well is 1550 feet from South line and 1840 feet from East line

of Section 34 If State Land the Oil and Gas Lease No. is

Drilling Commenced August 31, 1959 Drilling was Completed September 5, 1959

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

Address.....P. O. Box 672, Coleman, Texas

Elevation above sea level at Top of Tubing Head.....5725 (RDB)

Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 2405 to 2436 (1) No. 4, from _____ to _____

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
2-5/8"	22.7	NEW	191	Guide			Surface
2-1/2"	9.5	NEW	24.98	Guide			Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	200	175	Halliburton	1 plug	
7-7/8"	4-1/2"	2495	650	Halliburton	2 plug	

RECORD OF PRODUCTION AND STIMULATION

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

Spotted 200 gas MCA on bottom. Perforated 2 shots per foot 2405-2436. Sand-water fracked with 24,900 gallons water and 40,000 pounds sand. Breakdown pressure 1000 psi - 500 psi.

Maximum treating pressure 2025 psi, minimum treating pressure 1700 psi, average treating pressure 1800 psi, average injection rate 43 barrels per minute. Completed as a shut-in gas well September 9, 1959. Preliminary Test 5369 MEFPD.

Result of Production Stimulation.

..Depth Cleaned Out.....2455

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 2500 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 9, 1959 (Shut in for pipeline connection)

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.

GAS WELL: Preliminary Test The production during the first 24 hours was 5369 M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure 930 lbs. Shut-in casing pressure Length of Time Shut in 7 days

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	1257		
T. Salt.	T. Silurian	T. Kirtland-Fruitland	1381		
B. Salt.	T. Montoya	T. Farmington			
T. Yates	T. Simpson	T. Pictured Cliffs	2399		
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	1257	1257	Surface & Animas sands and shales.				
1257	1381	124	Ojo Alamo sand				
1381	2045	664	Kirtland shales and sands, including Farmington sands				
2045	2399	354	Fruitland sands, shales and coals.				
2399	2500	201	Pictured Cliffs sand and shale.				
			Tops from Log.				

OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE
No. Copies Received 5
DISTRIBUTION
Operator NO. FURNISHED
Santa Fe 1
Proration Office 1
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.

September 22, 1959

Company or Operator Pan American Petroleum Corporation Address Box 487
Name R. M. Bauer, Jr. ORIGINAL SIGNED BY Position Title Area Engineer