

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Pan American Petroleum Corporation
(Company or Operator)

State Gas Unit WY
.....
(Lease)

Well No. 1, in SW ¼ of SE ¼, of Sec. 2, T. 29N, R. 9W, NMPM.

Blanco Pictured Cliffs Pool, San Juan County.

Well is 1045 feet from South line and 1640 feet from East line
of Section 2 If State Land the Oil and Gas Lease No. is E-5314

Drilling Commenced September 8, 1960 Drilling was Completed September 12, 1960

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

Address..... **Box 672, Coleman, Texas**

Elevation above sea level at Top of Tubing Head..... **(6343) (RDR)**..... The information given is to be kept confidential until **Not confidential**....., 19.....

OIL SANDS OR ZONES

No. 1, from 3015 to 3049 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
8-5/8"	22.7	New	295	Guide			Surface
4-1/2"	9.5	New	3106	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"	212	200	B. J. Service 1	plug	
7-7/8"	4-1/2"	3099	700	B. J. Service 2	plug	

RECEIVED

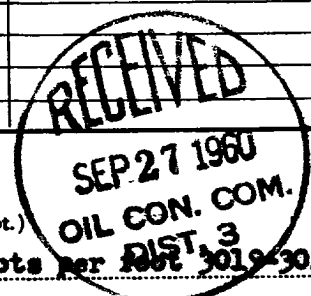
RECORD OF PRODUCTION AND STIMULATION

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

Spotted 250 gallons HDA on bottom. Perforated Pictured Cliffs 4 shots per foot 3019-3029, 3037-3043. Was unable to break formation with 3000 psi. Spotted 250 gallons HDA. Sand-water fracked with 30,000 gallons water with 75 pounds J-1000 per 1000 gallons and 40,000 pounds sand. Breakdown pressure 2100 psi. Maximum treating pressure 2100 psi, minimum treating pressure 1200 psi, average injection rate 54 barrels per minute.

Completed as shut in Blancoe Pictured Cliffs field development gas well September 21, 1960.

Preliminary test 1811 MCPPD. Depth Cleaned Out..... 3054



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 3100 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 21, 1960 (Shut in for pipeline connection.)

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

Preliminary test

GAS WELL: The production during the first 24 hours was 1811 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in Potential test to be reported on Sunday Notice when test results are available.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy.
T. Salt.
B. Salt.
T. Yates.
T. 7 Rivers.
T. Queen.
T. Grayburg.
T. San Andres.
T. Glorieta.
T. Drinkard.
T. Tubbs.
T. Abo.
T. Penn.
T. Miss.

T. Devonian.
T. Silurian.
T. Montoya.
T. Simpson.
T. McKee.
T. Ellenburger.
T. Gr. Wash.
T. Granite.
T.
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo 1855
T. Kirtland-Farmington 2005
T. Fruitland 2665
T. Pictured Cliffs 3016
T. Menefec.
T. Point Lookout.
T. Mancos.
T. Dakota.
T. Morrison.
T. Penn.
T.
T.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	212	212	Surface sands and shales.				
212	1855	1643	Animas shales and sands,				
1855	2005	150	Ojo Alamo sand.				
2005	2665	660	Kirtland-Farmington Shales and Sand.				
2665	3016	351	Fruitland shales, sands and coals.				
3016	3100	84	Pictured Cliffs sands and shales.				
			(Tops from E log)				

STATE OF NEW MEXICO	
OIL CONSERVATION COMMISSION	
ALBUQUERQUE DISTRICT OFFICE	
NO. OF TOPS RECEIVED	6
DATE	SEP 21 1960
OFFICE	1
TRANSPORT R	1
PRODUCTION OFFICE	1
OPERATOR	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.

Company or Operator Pan American Petroleum Corporation Address Box 480, Farmington, New Mexico
ORIGINAL SIGNED BY
Name R. M. Bauer, Jr. Position Title Area Engineer
September 23, 1960 (Date)