



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
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

Pan American Petroleum Corporation T. D. Barnes "A"
(Company or Operator) (Lease)

Well No. 1, in SW $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 31, T. 26N, R. 5W, NMPM.
South Blanco-Pictured Cliffs Pool, Rio Arriba County.

Well is 1550 feet from North line and 1650 feet from East line
of Section 31. If State Land the Oil and Gas Lease No. is none.

Drilling Commenced August 1, 1958. Drilling was Completed August 7, 1958.

Name of Drilling Contractor Brannon & Murray Drilling Company

Address Box 672, Coleman, Texas

Elevation above sea level at Top of Tubing Head 6414. The information given is to be kept confidential until Not Confidential, 19 .

OIL SANDS OR ZONES

No. 1, from 2674 to 2732 (0) 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. 1025 1958
No. 2, from to feet. COM.
No. 3, from to feet. 3
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<u>6-5/8"</u>	<u>32</u>	<u>New</u>	<u>197</u>	<u>Guide</u>			<u>Surface</u>
<u>5-1/2"</u>	<u>14</u>	<u>New</u>	<u>2786</u>	<u>Guide</u>			<u>Oil String</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12-1/4</u>	<u>8-5/8"</u>	<u>205</u>	<u>160</u>	<u>Halliburton 2 Plug.</u>		
<u>7-3/4</u>	<u>5-1/2"</u>	<u>2779</u>	<u>180</u>	<u>Halliburton 2 Plug.</u>		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 4 shots per foot 2682 - 2716, spotted 200 gallons 15% acid. Sandwater fracked with 28,000 gallons water and 40,000 pounds sand. Formation broke at 1850 pounds, Injection rate 61 barrels per minute.

Result of Production Stimulation Preliminary Test 8155 MFPD Pitot Tube Measurements. Completed as shut-in South Blanco-Pictured Cliffs Field development gas well on August 14, 1958.

 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 2700 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 for pipeline connection - August 14, 1958.

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 8155 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure 980 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.
T. Salt.	T. Silurian.	T. Kirtland-Fruitland. 2260
B. Salt.	T. Montoya.	T. Farmington.
T. Yates.	T. Simpson.	T. Pictured Cliffs. 2674
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	2260	2260	Surface sands and shales	<div>OIL CONSERVATION COMMISSION AZTEC DISTRICT OFFICE No. Copies Received DISTRIBUTION Operator / Santa Fe / Exploration Office State Land Comm U. S. G. S. 2 Transporter File / ✓</div>			
2260	2510	250	Kirtland sands and shales				
2510	2674	164	Fruitland sands, shales and coals				
2674	2732	58	Pictured Cliffs sand				
2732	2700	48	Lewis shale				

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.

August 22, 1958

(Date)

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

ORIGINAL SIGNED BY R. M. Position or Title. Field Engineer