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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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Pan American Petroleum Corporation
(Company or Operator)

Likins Gas Unit "C"
(Lease)

Well No. 1, in NE $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 9, T. 29N, R. 9W, NMPM.
Blanco-Pictured Cliffs Pool, San Juan County.
Well is 1140 feet from North line and 1660 feet from West line
of Section 9. If State Land the Oil and Gas Lease No. is _____
Drilling Commenced February 15, 19 59 Drilling was Completed February 20, 19 59.
Name of Drilling Contractor Brannon & Murray Drilling Company
Address Box 672, Coleman, Texas
Elevation above sea level at Top of Tubing Head 5718 (DF). The information given is to be kept confidential until
Not confidential, 19 _____

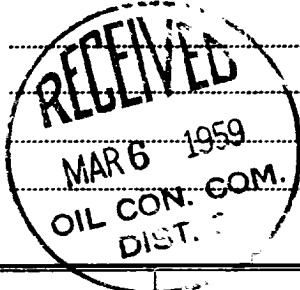
OIL SANDS OR ZONES

No. 1, from 2262 to 2310 (G) 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	206	Guide			Surface
4-1/2"	9.5	New	2370	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
12-1/4	8-5/8	218	160	Halliburton No. 2 plug		
7-7/8	4-1/2	2369	700	Halliburton No. 2 plug		

RECORD OF PRODUCTION AND STIMULATION

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

Spotted 200 gallons breakdown acid on bottom. Perforated Pictured Cliffs with two shots
per foot 2262-2310. Sand-water fracked with 30,000 gallons water and 50,000 pounds sand.
Formation broke at 1200 pounds, average treating pressure 2100 pounds, average injection
rate 47 barrels per minute.
Result of Production Stimulation Completed as shut in gas well Blanco-Pictured Cliffs field February
28, 1959, preliminary test 2506 MCFPD.
Depth Cleaned Out 2336

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 2370 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing February 28, 1959, 19 (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

GAS WELL: The production during the first 24 hours was 2506 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.
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	1040
T. Salt	T. Silurian	T. Kirtland-Farmington	1220
B. Salt	T. Montoya	T. Fruitland	1970
T. Yates	T. Simpson	T. Pictured Cliffs	2260
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	1040	1040	Surface sands & shales.				
1040	1220	180	Ojo Alamo sands.				
1220	1970	750	Kirtland-Farmington sands & shales.				
1970	2260	290	Fruitland sands, shales & coals.				
2260	2370	110	Pictured Cliffs sand.				
			(Tops from E logs)				

OIL CONSERVATION COMMISSION
AZTEC DISTRICT OFFICE
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DISTRIBUTION
Operator
Santa Fe
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.

March 5, 1959 (Date)
Company or Operator Pan American Petroleum Corporation Address Box 487, Farmington, New Mexico
Name ORIGINAL SIGNED BY R. M. Bauer, Jr. Position or Title Field Engineer