

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

Gallegos Canyon Unit

(Company or Operator)

(Lease)

Well No. 108, in NE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 13, T. 29N, R. 13W, NMPM.

Beala Dakota

Pool San Juan

County.

Well is 1770 feet from South line and 2400 feet from East line

of Section 13 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced **September 22** 19 **61** Drilling was Completed **October 9** 19 **61**

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

Address P. O. Box 672, Coleman, Texas

Elevation above sea level at Top of Tubing Head **5436' (RDB)**..... The information given is to be kept confidential until
Not confidential..... 19.....

OIL SANDS OR ZONES

No. 1, from 5939 to 5944 No. 4, from _____ to _____

No. 2, from 5967 to 5971 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. 1-1051

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	350'	Guide			Surface
4-1/2"	10.5#	New	6074'	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"	359'	220	Halliburton 1 plug		
7-7/8"	4-1/2"	6052'	875	Halliburton 2 plug		

RECORD OF PRODUCTION AND STIMULATION

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

Total depth 6032'. Perforated with 6 shots per foot 5939-5944' and 5967-5971'. Sand water
fracked with 40,000 gallons of water containing 1 percent Calcium Chloride and 34 pounds
J-101 per 1000 gallons and 40,000 pounds of sand.

Result of Production Stimulation Completed as shut in Basin Dakota Field Development well October 23, 1961. Preliminary test October 20, 1961, flowed 3 hours and gauged 2,863 MCF per day with tubing pressure flowing 500 psi and casing pressure flowing 650 psi.

..Depth Cleaned Out.....6015'

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 6032 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

Shut in waiting on pipeline connection PRODUCTION

Put to Producing. October 23, 1961

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 2,863 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure 2125 lbs. (SICP) Potential test to be reported
on Sundry notice when available.

Length of Time Shut in 45-1/2 hours

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
B. Salt	T. Montoya	T. Farmington
T. Yates	T. Simpson	T. Pictured Cliffs
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	1305	1305	Undifferentiated surface sand and shale.				
1305	1537	232	Pictured Cliffs sand and shale				
1537	2856	1319	Lewis shale.				
2856	4065	1209	Mesaverde sand, shale, and coal.				
4065	4996	931	Mancos shale.				
4996	5405	409	Gallup sand and shale.				
5405	5730	325	Sanastee sand and shale.				
5730	5860	130	Greenhorn sand and shale.				
5860	6032	192	Dakota sand and shale.				
			(Tops from "X" Log)				

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.

October 24, 1961

Company or Operator. Pan American Petroleum Corporation, Box 480, Farmington, New Mexico

Name. ORIGINAL SIGNED BY R. M. Bauer, Jr. Attn: L. O. Speer, Jr., Senior Petroleum Engineer