

Santa Fe, New Mexico

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
(Company or Operator)

Callaghan Canyon Unit
(Lease)

Well No. 96, in NW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 18, T. 29N, R. 17W, NMPM.

Basin Dakota

Pool \$975.00

County.

Well is 1090 feet from South line and 1850 feet from East line

of Section 16 If State Land the Oil and Gas Lease No. is _____

Drilling Commenced.....April 11.....1961.....Drilling was Completed.....May 1.....1961

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

Address Box 672, Coleman, Texas

Elevation above sea level at Top of Tubing Head 5542-Rotary Drive Bushing The information given is to be kept confidential until
Not confidential 19

No. 1, from 6032 to 6078 No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

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

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	20#	New	383	Float			Surface
4-1/2"	9.5#	New	6186	2-stage			Oil string

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"	383	265	Pump & Plug		
7-7/8"	4-1/2"	6186	375	1st stage		
			190	2nd stage		

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

Sand-water fraced with 41,100 gallons of water mixed with 40,000 pounds sand.

Result of Production Stimulation. On preliminary test gauged 5356 MCF gas per day.

...Depth Cleaned Out.....6161!

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 6190 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Completed as shut in Basin Dakota Gas well May 11, 1961.

Put to Producing 19 Preliminary test flowed 5356 MCF gas per day.
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 5356 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in Potential test will be filed on Sundry Notice when available.

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.	1190		
T. Yates.	T. Simpson.	T. Pictured Cliffs.	1400		
T. 7 Rivers.	T. McKee.	T. Menefee.	3140		
T. Queen.	T. Ellenburger.	T. Point Lookout.	- -		
T. Grayburg.	T. Gr. Wash.	T. Mancos.	4210		
T. San Andres.	T. Granite.	T. Dakota.	5961		
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	1190	1190	Surface sand and shale, including the Animas and Kirkland-Farmington sands and shales.				
1190	1400	210	Fruitland sands, shales and coals.				
1400	1652	252	Pictured Cliffs sands, shales and coals.				
1652	2961	1309	Lewis shales and sands.				
2961	3140	179	Cliffhouse sands.				
3140	4210	1070	Menefee sands and shales.				
4210	5110	900	Mancos shale.				
5110	5870	760	Gallup sands and shales.				
5870	5920	50	Greenhorn sand and shales.				
5920	5961	41	Graneros shale.				
5961	6032	71	Dakota shale and sands.				
6032	6190	158	Dakota pay sands and shale.				(Tops from E 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.

May 17, 1961

Company or Operator Pan American Petroleum Corporation Box 480, Farmington, New Mexico
Name R. M. B. Address
Position Title Senior Petroleum Engineer