

**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

State of New Mexico "AM"

(Company or Operator)

(Last)

Well No. 2, in SE  $\frac{1}{4}$  of SW  $\frac{1}{4}$ , of Sec. 2, T. 24N, R. 10W, NMPM.

## Bist1 Lower Callup

**Pool** **San Juan**

County.

Well is 760 feet from South line and 1800 feet from West line

of Section 2 If State Land the Oil and Gas Lease No. is E-4912-12

Drilling Commenced..... June 16 ..... 1959 Drilling was Completed..... July 1 ..... 1959

Name of Drilling Contractor Brannon & Murray Drilling Company

Address Box 672, Coleman, Texas

Elevation above sea level at Top of Tubing Head..... **6866**..... The information given is to be kept confidential until

**Not confidential**..... 19.....

No. 1, from.....	<b>5370</b>	to.....	<b>5389</b>	No. 4, from.....	to.....
No. 2, from.....	<b>5402</b>	to.....	<b>5421</b>	No. 5, from.....	to.....
No. 3, from.....	<b>5446</b>	to.....	<b>5490</b>	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"	22.7	New	208	Guide			Surface
4-1/2	9.5	New	5567	Guide			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"	218'	160	Halliburton 2 plug		
7-7/8"	4-1/2"	5551'	200	Halliburton 2 plug		

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

Perforated 4-1/2" casing from 5446 to 5490 with 2 shots per foot. Sand oil fracked with 30,000 pounds sand. Breakdown pressure 2690 pounds, treating pressure 2650 pounds, average injection rate 34 barrels per minute. Set Baker retrievable bridge plug at 5440. Tested with 3000# which held ok. Perforated 4-1/2" casing 5379 to 5389, 5402 to 5421 with 2 shots per foot. Sand oil fracked with 50,000 gallons oil and 75,000 pounds sand. Breakdown pressure 2900 pounds, treating pressure 2550 pounds, average injection rate 36 barrels per minute. Retrieved bridge plug. Land- ed 2" tubing at 5395. Completed casing oil well No. 1 Lower Gallun July 24, 1969. Potential

Result of Production Stimulation.....  
test July 24, 1959 flowed 263 barrels oil in 24 hours thru open 2" tubing with flowing tubing  
pressure 80 psig and flowing casing pressure 550 psig. 5508

5508

..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 5560 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing July 22, 1959 Date first new oil produced.

OIL WELL: The production during the first 24 hours was 263 barrels of liquid of which 99.8% was  
was oil; % was emulsion; % water; and .2% was sediment. A.P.I.

Gravity 40.2 API

Gas oil ratio not yet available.

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

Length of Time Shut in

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.	880
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.	1000
B. Salt.	T. Montoya.	T. <del>Kirtland</del>	
T. Yates.	T. Simpson.	T. Pictured Cliffs.	1725
T. 7 Rivers.	T. McKee.	T. Menefee.	2600
T. Queen.	T. Ellenburger.	T. Point Lookout.	4195
T. Grayburg.	T. Gr. Wash.	T. Mancos.	4430
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	218	218	Surface sands & shales.	4430	5210	780	Mancos shale.
218	880	662	Animas sands & shales.	5210	5370	160	Gallup sands & shales.
880	1000	120	Ojo Alamo sands & shales.	5370	5560	190	Gallup pay sands & shales.
1000	1430	430	Kirtland-Farmington sands & shales.	<div> OIL CONSERVATION COMMISSION  AZTEC DISTRICT OFFICE  No. Copies Received  DISTRIBUTION  NO. FURNISHED  Operator  Santa Fe  Proration Office  State Land Office  U. S. G. S.  Transporter  File </div>			
1430	1725	295	Fruitland sands, shales & coals.				
1725	1790	65	Pictured Cliffs sands & shales.				
1790	2530	740	Lewis shales & sands.				
2530	2600	70	Cliff house sands.				
2600	4195	1595	Menefee sands, shales, & coals.				
4195	4430	235	Point Lookout sands & shales.				

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.

July 28, 1959

Pan American Petroleum Corporation  
Company or Operator ORIGINAL-SIGNED-BY R. M. Bauer, Jr.  
Name Address Box 487, Farmington, New Mexico  
Position Title Area Engineer