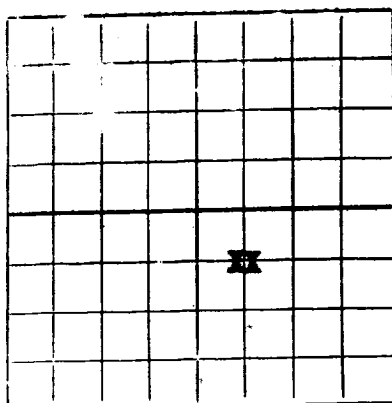


# NEW MEXICO OIL CONSERVATION COMMISSION

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 QUINTUPPLICATE. If State Land submit 6 Copies



AREA 640 ACRES  
LOCATE WELL CORRECTLY

Pan American Petroleum Corporation  
(Company or Operator)

State Of New Mexico "AV"  
(Lease)

Well No. 1, in NW  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 2, T. 24N, R. 10W, NMPM.  
Bisti-Lower Gallup Pool, San Juan County.

Well is 1980 feet from South line and 1980 feet from East line  
of Section 2. If State Land the Oil and Gas Lease No. is E-6644-12

Drilling Commenced November 24, 19 58 Drilling was Completed December 12, 19 58

Name of Drilling Contractor Force Drilling Company

Address 402 First National Bank Building, Dallas, Texas

Elevation above sea level at Top of Tubing Head 6861 (DF) The information given is to be kept confidential until  
Not confidential, 19     

### OIL SANDS OR ZONES

No. 1, from 5391 to 5448 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
<u>8-5/8"</u>	<u>22.7</u>	<u>New</u>	<u>186</u>	<u>Guide</u>			<u>Surface</u>
<u>5-1/2</u>	<u>14</u>	<u>New</u>	<u>5599</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>197</u>	<u>160</u>	<u>Halliburton No. 1 plug</u>		
<u>7-7/8</u>	<u>5-1/2</u>	<u>5570</u>	<u>125</u>	<u>Halliburton No. 2 plug</u>		

### RECORD OF PRODUCTION AND STIMULATION

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

Perforated Gallup with two shots per foot 5391-5415, 5432-48. Spotted 500 gallons 15% mud clean out agent. Sand-oil fracked with 39,700 gallons oil and 60,000 pounds sand. Breakdown pressure 2100 pounds, average injection rate 41 barrels per minute.

Result of Production Stimulation Completed as pumping oil well Bisti-Lower Gallup field January 9, 1959.  
Potential test 106 barrels of oil per day.

Depth Cleaned Out 5530

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 5580 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 6, 1959 Date first new oil to tanks.

OIL WELL: The production during the first 24 hours was 106 barrels of liquid of which 99.8 % was oil; % was emulsion; % water; and .2 % was sediment. A.P.I.

Gravity 40.2

Pumping oil well 16-48" strokes per minute with 1-1/2" pump.

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. 872
T. Salt.			T. Silurian.		T. Kirtland-Fruitland 1018
B. Salt.			T. Montoya.		T. Farmington. 1747
T. Yates.			T. Simpson.		T. Pictured Cliffs. 3140
T. 7 Rivers.			T. McKee.		T. Menefee. 4222
T. Queen.			T. Ellenburger.		T. Point Lookout. 4403
T. Grayburg.			T. Gr. Wash.		T. Mancos. 4403
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	872	872	Surface sands & shales.				
872	1018	146	Ojo Alamo sand.				
1018	1747	729	Kirtland-Fruitland sand & shales.				
1747	1828	81	Pictured Cliffs sand.				
1828	2558	730	Lewis shale.				
2558	3140	582	Cliffhouse sand.				
3140	4222	1082	Menefee sand.				
4222	4403	181	Point Lookout sand.				
4403	5233	830	Mancos shale.				
5233	5580	347	Gallup sand & shale.				
			(Tops from E log)				

OIL CONSERVATION COMMISSION			
ALBUQUERQUE DISTRICT OFFICE			
No. Copper	6		
Operator	/		
Santa Fe	/		
Proration	/		
State Land Office	/		
U. S. G. S.	/		
Transporter	/		
File	/		

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.

January 12, 1959 (Date)

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

Name R. M. Bauer, Jr. ORIGINAL SIGNED BY Position or Title Field Engineer