



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Pan American Petroleum Corporation
(Company or Operator)

State of New Mexico "AW"
(Lease)

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

Bisti-Lower Gallup Pool, San Juan County.

Well is 1980 feet from South line and 660 feet from West line

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

Drilling Commenced January 16, 1959 Drilling was Completed February 3, 1959

Name of Drilling Contractor Forae Drilling Company

Address 402 First National Bank Building, Dallas, Texas

Elevation above sea level at Top of Tubing Head 6822 (DF)
(Not confidential) The information given is to be kept confidential until _____, 19____

OIL SANDS OR ZONES

No. 1, from 5332 to 5388 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>179</u>	<u>Guide</u>			<u>Surface</u>
<u>5-1/2"</u>	<u>14</u>	<u>New</u>	<u>5534</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>189</u>	<u>160</u>	<u>Halliburton No. 1 plug</u>		
<u>7-7/8</u>	<u>5-1/2</u>	<u>5501</u>	<u>200</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 5332-5358, 5372-5388. Sand-oil fracked with 40,000 gallons oil and 60,000 pounds sand. Formation broke at 3000 pounds. Average treating pressure 2200 pounds, average injection rate 40 barrels per minute.

Result of Production Stimulation Completed as pumping oil well Bisti-Lower Gallup Field March 2, 1959.

Potential test March 2, 1959, pumped and flowed 125 barrels oil in 11-1/2 hours with 12-5/4"

strokes per minute with 1-1/2" pump or at rate of 261 barrels Depth Cleaned Out 5467
oil per day.

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 5512 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 2, 1959 (Date first new oil to tanks)
OIL WELL: The production during the first 24 hours was 261 barrels of liquid of which 99.8% was Pumping oil well
was oil; % was emulsion; % water; and .2% was sediment. A.P.I.
Gravity 40.6 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	836
T. Salt	T. Silurian	T. Kirtland-Fruitland	990
B. Salt	T. Montoya	T. Farmington	-
T. Yates	T. Simpson	T. Pictured Cliffs	1690
T. 7 Rivers	T. McKee	T. Menefee	3100
T. Queen	T. Ellenburger	T. Point Lookout	4168
T. Grayburg	T. Gr. Wash	T. Mancos	4373
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	836	836	Surface sands & shales.				
836	990	154	Ojo Alamo sand.				
990	1690	700	Kirtland-Fruitland sands, shales & coals.				
1690	1815	125	Pictured Cliffs sand.				
1815	2495	680	Lewis shale.				
2495	3100	605	Cliffhouse sand.				
3100	4168	1068	Menefee sands & shales.				
4168	4373	205	Point Lookout sand.				
4373	5172	799	Mancos shale.				
5172	5328	156	Gallup shale.				
5328	5512	184	Gallup pay sand & shales.				
			(Tops from E log)				

OIL CONSERVATION COMMISSION			
AZTEC DISTRICT OFFICE			
No.	60000	6	
Operator			
State Land Office			
Inspector			
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.

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