

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 6020 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Shut in waiting on pipeline connection

Put to Producing September 10, 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 3937 M.C.F. plus barrels of

liquid Hydrocarbon. Shut in Pressure 2125 lbs. (SITP) Potential test will be reported
on Sundry Notice when available

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.
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	1240	1240	Surface sands, shales, and coals.				
1240	1498	258	Pictured Cliffs sands and shales.				
1498	2843	1345	Lewis shales.				
2843	2970	127	Cliffhouse sand and shale.				
2970	3707	737	Menefee sands, shales, and coals.				
3707	4043	336	Point Lookout sands and shales.				
4043	4957	914	Mancos shale.				
4957	5726	769	Gallup sands and shales.				
5726	5790	64	Greenhorn shale.				
5790	5906	116	Graneros sands and shales.				
5906	6020	114	Dakota Pay Sands.				
(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.

October 2, 1961

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

Name ORIGINAL SIGNED BY R. M. Bauer, Jr. Title Senior Petroleum Engineer

WELL RECORD

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Gallegos Canyon Unit
.....
(Loss)

Dasin Dakota

Pool

SAN JUAN

..County.

of Section 24 If State Land the Oil and Gas Lease No. is _____

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

Address P. O. Box 670, Coleman, Texas

Elevation above sea level at Top of Tubing Head..... 5406' (RDB)..... The information given is to be kept confidential until
 Not confidential..... 19.....

No. 1, from 5912 to 5919 No. 4, from _____ to _____

No. 2, from 5937 to 5941 No. 5, 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

CASING RECORD							
SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24#	New	348'	Guide			Surface
4-1/2"	9.5#	New	6035	Guide			Oil String

MUDGING 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'	245	Halliburton 1 plug		
7-7/8"	4-1/2"	6019'	875	Halliburton 2 plug		

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

Total depth 6020', plug back depth 5977'. Perforated Dakota with 6 shots per foot 5912-5919' and 5937-5941'. Sand water fracked with 48,200 gallons of water containing 1 percent Calcium Chloride and 5 pounds J-98 Additive per 1000 gallons and 40,000 pounds sand. Breakdown pressure 2800 psi and treating pressure 2650 psi. Average injection rate 35 barrels per minute. Tubing landed at 5974'.

Result of Production Stimulation. Completed September 10, 1961, as shut in Basin Dakota Field Gas Well. Preliminary test September 10, 1961, 17 hour shut in casing pressure 2090 psi, shut in tubing pressure 2125 psi. Flowed 3 hours and gauged 3937 MCF per day with tubing pressure flowing 300 psi and casing pressure flowing 800 psi. Top pay Dakota 5908', elevation ground level 5394', and rotary drive bushing 5406', Depth Cleaned Out 5977'