

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

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Helton Gas Unit

(Company or Operator)

(Leave)

Well No. 1, in SW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 32, T. 30N, R. 9W, NMPM.

Blanco Pictured Cliffs Pool, San Juan County

Well is 790 feet from South line and 1850 feet from East line
of Section 32 If State Land the Oil and Gas Lease No. is ---

Drilling Commenced July 21 1959 Drilling was Completed July 26 1959

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

Address Box 672, Coleman, Texas

Elevation above sea level at Top of Tubing Head.....5713 (RDB)..... The information given is to be kept confidential until
Not confidential..... 19.....

OIL SANDS OR ZONES

No. 1, from 2292 to 2346 (Gas) 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. 2011

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"	22.7	New	206	Guide			Surface
4-1/2"	9.5	New	2389	Guide			Oil string

MUDDING AND CEMENTING RECORD

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"	215'	160	B. J. Service	1 plug	
6-3/4"	4-1/2"	2387'	500	Halliburton	1 plug	

RECORD OF PRODUCTION AND STIMULATION

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

Spotted 200 gallons MCA. Perforated Pictured Cliffs with two shots per foot 2292-2346.

Sand water fracked with 34,700 gallons water and 50,000 pounds sand. Breakdown pressure 2800 psi, average treating pressure 1825 psi, injection rate 44 barrels per minute.

Result of Production Stimulation.....Completed as shut in gas well August 9, 1959. Preliminary test
2039 MCFPD.

..Depth Cleaned Out.....2352

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 2395 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 9, 1959 (Shut in for pipe line connection.)

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 2039 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure 1020 lbs.

Length of Time Shut in 8 days

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy
T. Salt
B. Salt
T. Yates
T. 7 Rivers
T. Queen
T. Grayburg
T. San Andres
T. Glorieta
T. Drinkard
T. Tubbs
T. Abo
T. Penn
T. Miss

T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Farmington
T. Pictured Cliffs 2288
T. Menefee
T. Point Lookout
T. Mancos
T. Dakota
T. Morrison
T. Penn
T.
T.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1960	1960	Surface sands and shales, Ojo Alamo sand, Kirtland shale. (Due to hole difficulty only bottom 466' of hole was logged.)				
1960	2288	328	Fruitland sands, shales and coals.				
2288	2395	107	Pictured Cliffs sand. (Tops from E log.)				

OIL CONSERVATION COMMISSION			
AZTEC DISTRICT OFFICE			
No. Copies Received		5	
DISTRIBUTION			
General	NO.	PURCHASED	
State			
Production Office			
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.

August 18, 1959

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

ORIGINAL SIGNED BY

Name L. O. Speer, Jr.

Position Title Area Superintendent