

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 078139
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pan American Petroleum Corporation Address Box 487, Farmington, New Mexico
 Lessor or Tract E. E. Elliott "B" Field Blanco-Pictured Cliffs State New Mexico
 Well No. 4 Sec. 27 T. 30N R. 9E Meridian N.M.P.M. County San Juan
 Location 990 ft. [N.] of S Line and 990 ft. [Ex W.] of E Line of Section 27 Elevation 5218
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date September 4, 1958 Title Field Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling August 12, 1958 Finished drilling August 20, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2528 to 2569 (G) No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	305'	240 sacks	Halliburton	No. 2 plug	
5-1/2"	2611'	525 sacks	Halliburton	No. 2 plug	

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Completed as shut in Blanco-Pictured ^{DATES}Chiefs Field
Development gas well _____, 19____ Shut in for pipeline connection
Put to producing _____, 19____ August 23 58

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours 3,221,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in., 1036 (Shut in casing pressure 7 day)

EMPLOYEES			
Preliminary test 3221 MCFPD Pitot Tube Measurement.	Driller		Driller
Cotton Gipson	Driller	F. J. Buck	Driller
E. E. Estes		Jackie White	

FORMATION RECORD

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1276	1276	Surface sands & shale & Animas shale.
1276	1460	184	Ojo Alamo sands.
1460	2090	630	Kirtland-Birmingham sands & shale.
2090	2525	435	Fruitland sands, shales & coals.
2525	2611	86	Pictured Cliffs sands.