

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 3F 078139
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VED

1959

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 187, Farmington, New Mexico
 Lessor or Tract E. E. Elliott "C" Field Blanco-pictured State New Mexico
Cliffs
 Well No. 2 Sec. 9 T. 30N R. 9W Meridian N.M.P.M. County San Juan
 Location 1755 ft. ^{NE} of Line and 145 ft. ^E of Line of Section 9 Elevation 6217
(Elevation is 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 January 23, 1959

Title **Field engineer**

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

Commenced drilling December 27, 1958 Finished drilling January 2, 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2985 to 3018 (C) 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	22.7	Slip Joint	Armed	205	Guide				Surface
4-1/2"	9.50	8PT	National	3065	Guide				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	215	160 sacks cement	Halliburton Co. 2" line B. J. Service Co. 2" line		
11-7/8"	3050	750 sacks cement			

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 Circle DATES
field development gas well, 1959 Put to producing shut in for pipeline connection
January 11, 1959 January 14, 1959
Preproduction test 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 1,583,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. 1029 Shut in casing pressure 8 days

EMPLOYEES

_____	Driller	_____	Driller
F. J. Duck		John Wright	
_____	Driller	_____	Driller
Pete Estes		Jackie White	

FORMATION RECORD

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1540	1540	Surface sand, shale and Animas shale.
1540	1615	75	Gila Alamo sandstone.
1615	2610	995	Kirtland-Farmington sand and shale.
2610	2981	371	Fruitland sand, shales and coals.
2981	3060	79	Pictured Cliffs sand.
			(Tops from 1 log)

[OVER]

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E. F. Elliott No. 2 was spudded on December 27, 1958, and on December 28, 1958, 8-7/8" casing was set at 215' with 160 sacks cement. After waiting on cement casing and water shut-off were tested with 400 pounds pressure for thirty minutes, which held with a drop in pressure. Reduced hole to 7-7/8" at 215' and resumed drilling operations.

Spotted 500 gallons mud clean out agent on bottom. Perforated 1985-3016 with two shots per foot. Sand-water tracked with 39,000 gallons water and 47,000 pounds sand. Breakdown pressure 1800 pounds, ave age treating pressure 2250 pounds, average injection rate 52 barrels per minute. 1-1/4" tubing landed at 3000'. Completed as shut-in Blanco-Picured C117's field development gas well January 17, 1956.

Preliminary test flowed 1583 MCPO Pilot Tube measurement after blowing 18 hours.