Form 9-330

Budget Bureau No. 42-R-355.2.
Approval expires 12-31-55.

U. S. LAND OFFICE Navajo Agency
SERIAL NUMBER 14-20-602-361
LEASE OR PERMIT TO PROSPECT

RECEIVED JUN 2 1957 U.S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Pan American Petroleum Corporation Address Box 487, Farmington, New Mexico
Lessor or Tract Ada Gandelario Field South Blanco Pictured Cliffs State New Mexico
Well No. 1 Sec. 36 T. 28-N R. 9-W Meridian N.M.P.M. County San Juan
Location 790 ft. {N./S.} of S Line and 1850 ft. {E./W.} of E Line of Section 36 Elevation 5861 (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.

Signed [signature]

Date June 18, 1957 Title Field Superintendent

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

Commenced drilling April 23, 1957 Finished drilling April 28, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from to No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Amount	Kind of shoe	Cut and pulled from	Perforated	From—	To—	Purpose
8-5/8	24	8	162	Guide					Surface
5-1/2	14	8	2134	Guide					Pay

HISTORY OF OIL OR GAS WELL

If an oil or gas well, give a complete history of the well. Please state in detail the dates of redrilling, deepening, plugging back, fishing jobs, shots, etc., and the results thereof. If a dry hole, give the character of the formations penetrated, showing the depth and the thickness of any water found, and the character of the water. If a gas well, give the rock pressure, the date of the test, and the amount of gas and water. If a producer, give the date it began to produce, the initial production, the method of production (flowing or pumping), and the amount of oil and gas or water produced daily.

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MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	162	150	Halliburton 2 plug		
5-1/2	2134	100	Halliburton 2 plug		

FOLD MARK

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 0 feet to 2135 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

May 3, 1957 Put to producing Shut in, 19

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 4,090,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 624

EMPLOYEES

Dan Nunez, Driller J. F. Turnbow, Driller
Paul Glover, Driller R. L. Martin, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1100	1100	Surface sand & shale & Animas shales.
1100	1175	75	Ojo Alamo sandstone
1175	1833	658	Kirtland & Farmington sands & shales
1833	2029	196	Fruitland - sands, shales & coals.
2029	2135	106	Pictured Cliffs sandstone

[OVER]

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FORMATION RECORD—Continued