

U. S. LAND OFFICE UkayahoodSERIAL NUMBER 11-20-603-1412

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 MexicoLessor or Tract Ukayahood Field Undesignated Gallup State New MexicoWell No. 1 Sec. 18 T26N R11W Meridian N.M.P.M. County San JuanLocation 440 ft. 7/8 of 1/4 Line and 1900 ft. 7/8 of 1/4 Line of Section 18 Elevation 6048
(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.

ORIGINAL SIGNED BY

Signed D. J. SCOTTDate September 17, 1957Title Field Clerk

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

Commenced drilling July 16, 1957 Finished drilling August 7, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5004 to 5174

No. 4, from

No. 2, from to

No. 5, from

No. 3, from to

No. 6, from

IMPORTANT WATER SANDS

No. 1, from to

No. 3, from

No. 2, from to

No. 4, from

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	220	80T	Armed	311	Outside				Surface
5-1/2	110	80T	Armed	5240	Inside				Oil string
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	321	240 sacks	Halliburton 2 lug		
5-1/2	5240	180 sacks	Halliburton 2 lug		

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 0 feet to 5240 feet, and from feet to feet

DATES

, 19 Put to producing, 19

The production for the first 24 hours was barrels of fluid of which % was oil; %

Completed as flowing oil well emulsion; % water; and % sediment. 117 Gravity, °Bé. 99.8

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller

Doyle Proctor, Driller D. D. Martin, Driller

W. A. Pickett, Driller B. F. Ferguson

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	321	321	Surface sands & shales.
321	1324	1003	Kirtland-Fruitland sands & shales.
1324	1431	107	Pictured Cliffs sands.
1431	2200	769	Shale (Top of Lewis 1431)
2200	3814	1614	Undifferentiated sands & shales.
3814	4058	244	Point Lookout sand.
4058	4895	837	Mancos shale.
4895	5240	345	Gallup sands & shales.

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

10-43094-8

FORMATION RECORD—CONTINUED

