

3 - USGS
2 - NMOC
1 - L. G. Truby
1 - File

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa FeSERIAL NUMBER 37-079229LEASE OR PERMIT TO PROSPECT
14-08-001-446

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company PACIFIC NORTHWEST PIPELINE CORPORATION Address 405 1/2 W. Broadway, Farmington, N.M.Lessor or Tract 32-8 Field Blanco Mesa Verde State New MexicoWell No. 22-4 Sec. 4 T. 31N R. 8W Meridian N.M.P.M. County San JuanLocation 1240' ft. N. of N. Line and 960' ft. E. of E. Line of Section 4 Elevation 6716'
(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 Original signed by T. A. DuganDate June 7, 1957Title Assistant Division Manager

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

Commenced drilling April 11, 1957, 1957 Finished drilling May 5, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6604' to 5578' No. 4, from _____ to _____No. 2, from 3500' to 3800' No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

No. 1, from 6604' to 5578' No. 3, from _____ to _____

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

CASING RECORD

Size casing	Weight per foot	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
10-3/4	32.75	8rd.	Republic	205.66	Tex. Pat.			
7-5/8	26.1	8rd.	Republic	120.00	Tex. Pat.			
5-1/2	21.0	8rd.	Republic	100.00	Tex. Pat.			
1-1/4	10.0	10rd.	Republic	6000.07	(Tubing)			
HALOKA OF OIL OR GAS MEFF								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	218.26'	300	Pump Plug		
7-5/8	3900.19'	200	Pump Plug		
5-1/2	6151.63'	190	Pump 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 0' feet to 6133' feet, and from _____ feet to _____ feet

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

DATES

Put to producing May 15, 1957, 1957

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 2346 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1080 1085 2368
Tubing Casing CAOF

EMPLOYEES

_____, Driller Shut in 12 days _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2340'	2340'	Surface
2340'	2390'	50'	Ojo Alamo
2390'	3262'	872'	Kirtland
3262'	3590'	328'	Fruitland
3590'	3820'	230'	Pictured Cliffs
3820'	5566'	1746'	Lewis
5566'	5620'	54'	Cliff House
5620'	5935'	315'	Menefee
5935'	TD		Point Lookout
6133'			Total Depth
6108'			Plug Back Total Depth

LEON—

LO—

LOLYT LEE

(OVER)

LEON—

10-43094-4

FORMATION RECORD—Continued

