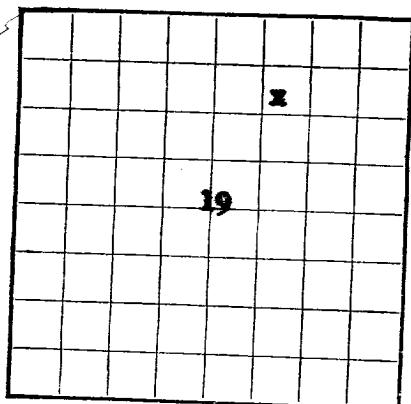


U. S. LAND OFFICE Santa FeSERIAL NUMBER SP-97882LEASE OR PERMIT TO PROSPECT
14-08-001-439UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company PACIFIC NORTHWEST PIPELINE CORP. Address 405 1/2 W. Broadway, Farmington, N.M.
Lessor or Tract 29-5 Field Blanco Mesa Verde State New Mexico
Well No. 27-19 Sec. 19 T. 29N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 790 ft. S. of N. Line and 1700 ft. E. of E. Line of Section 19 Elevation 6612'
(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 May 10, 1957Title Assistant Division Manager

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

Commenced drilling March 21, 19 57 Finished drilling April 4, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0-5350' to 5878' 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	Out and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	32.75	8 rd	CPA	225.10	Outside				
7-5/8	22.7	8 rd	CPA	225.10	Inside				
5-1/2	14.7	8 rd	CPA	225.10	Inside				
2-3/8	4.7	8 rd	CPA	225.10	Inside				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	238.05'	175	Pump Plug		
7-5/8	3700'	200	Pump Plug		
5-1/2	5925'	150	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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 10, 19 57 Put to producing _____, 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 4,084 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. _____
Tubing 1113 Casing 1118 CACF 7,216

EMPLOYEES

Shut in 7 days

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2665'	2665'	Surface
2665'	2850'	185'	Ojo Alamo
2850'	3249'	399'	Kirtland
3249'	3521'	292'	Fruitland
3521'	3635'	272'	Pictured Cliffs
3635'	5349'	1714'	Lewis
5349'	5441'	92'	Cliff House
5441'	5731'	290'	Mesa
5731'			Point of View
5925'			Total Depth
5924'			Plug Back Total Depth

