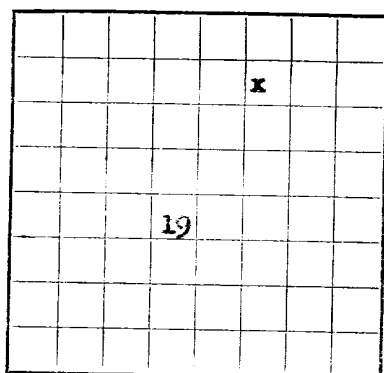


5-0309
3-El Paso
1-L.G. Truby
1-FileBudget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **SF079193**LEASE OR PERMIT TO PROSPECT
14-08-001-1051

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **PACIFIC NORTHWEST PIPELINE CORP.** Address **405 1/2 W. Broadway, Farmington, N.M.**
Lessor or Tract **28-6** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **72-19** Sec. **19** T. **28N** R. **6W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **990** ft. **N.** of **N.** Line and **1650** ft. **E.** of **E.** Line of **Section 19** Elevation **6645.8**
(Garrick 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

Date **March 19, 1957** **T. A. Dugan** Title **Assistant Division Manager**

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

Commenced drilling **January 20,** 19**56** Finished drilling **February 15,** 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **G 5084** to **5756** 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 **None** to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	32.75	8 Rd	Star	177.10	Guide Shoe				
7-5/8	24.60	8 Rd	Republic	3631.50	Guide Shoe				
5-1/2	14	8 Rd	CP&I	2048.96	Float Shoe				
2-3/8	4.7	8 Rd		5704.15	(Tubing)				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	189.9	200	Pump Plug		
7-5/8	3631.50	200	Pump Plug		
5-1/2	5798	200	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 **5792** feet, and from _____ feet to _____ feet

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

DATES

March 1, 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 **5,102** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **SI tubing 1091 SI casing 1100 CAOF 9,745**

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2560'	2560'	Surface
2560'	2723'	163'	Ojo Alamo
2723'	3150'	427'	Kirtland
3150'	3430'	280'	Fruitland
3430'	3538'	108'	Pictured Cliffs
3538'	4974'	1436'	Lewis
4974'	5145'	171'	Mesa Verde Transition
5145'	5247'	102'	Cliff House
5247'	5600'	353'	Menefee
5600'		198'	Point Lookout
5798'			Total Depth
5792'		6'	Plug Back Total Depth

(OVER)

