

4-U.S.G.S  
 1-W.R. Johnston  
 2-Joe D'Alisera  
 1-File

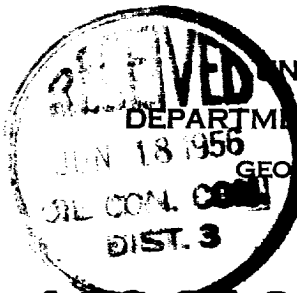
Budget Bureau No. 42-R-355.3  
 Approval expires 12-31-55.

U. S. LAND OFFICE New Mexico

SERIAL NUMBER 012698

LEASE OR PERMIT TO PROSPECT


LOCATE WELL CORRECTLY



LOG OF OIL OR GAS WELL

Company Pacific Northwest Pipeline Corp. Address 413 1/2 West Main Street  
 Lessor or Tract San Juan 29-6 Field Blanco State New Mexico  
 Well No. 21-11 Sec. 11 T. 29N R. 6W Meridian N.M.P.M. County Rio Arriba  
 Location 990 ft. N. of Sec. Line and 840 ft. W. of Sec. Line of Section 11 Elevation 6518.8  
(Elevation based on level of Ungraded Ground)

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 T. A. Dugan  
 Signed \_\_\_\_\_

Date April 3, 1956 Title Drilling Engineer

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

Commenced drilling 6-22, 1955 Finished drilling 8-5, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5283 to 5811 G 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 3220 to 3408 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			Larkin	1	Tax Pat.				
10 3/4	32.75	8 rd.	Lame Star	197.67	Guide Shoe				
7 5/8			Larkin		Guide Shoe				
7 5/8	26.46	8 rd.	L-35	3567.44					
5 1/2			Larkin		Guide Shoe				
5 1/2	14.00	8 rd.	Lame Star	5857.91					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	210.32	151 sx. 4% gel.	HOWCO		
7 5/8	3,578.58	198 sx. 8% gel.	HOWCO		
5 1/2	5,648.42	85 sx. 8% gel.	HOWCO		

PLUGS AND ADAPTERS

Heaving plug—Material None Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from 0 feet to 5812 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

8-5, 1955 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, M.C.F.D. 6508 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. SITP 1034 SICP 1048 3 hour open flow.

EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
 \_\_\_\_\_, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2590	2590	Surface
2590	2741	151	Sand - Ojo Alamo
2741	3130	389	Shale with some sand - Kirtland
3130	3438	308	Interbedded, shales, coals and sands - Fruitland
3438	3558	120	Sand - Picutred Cliffs
3558	5283	1725	Shale - Lewis
5283	5342	59	Sand - Cliff House
5342	5628	286	Sands, shales and coals - Menefee
5628	5811	183	Sand - Point Lookout.
5811		Total Depth	Shale - Mancos