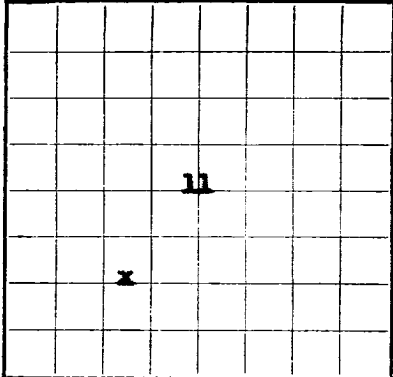


5 - USGS  
3 - El Paso  
1 - Southern Union  
1 - L. G. Truby  
1 - File

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

U. S. LAND OFFICE Santa Fe  
SERIAL NUMBER 27-078423  
LEASE OR PERMIT TO PROSPECT  
14-08-001-1650



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 29-7 Field Blanco Mesa Verde State New Mexico  
Well No. 57-11 Sec. 11 T. 29N R. 7W Meridian N.M.P.M. County Rio Arriba  
Location 1650 ft. S of 8 Line and 990 ft. W of 4 Line of Section 11 Elevation 6281.7  
(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 T. A. Dugan  
Signed

Date April 15, 1957 Title Assistant Division Manager

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

Commenced drilling January 23, 1957 Finished drilling February 8, 1957

OIL OR GAS SANDS OR ZONES  
(Denote gas by G)

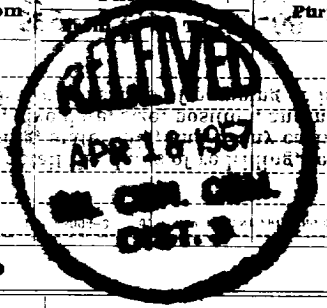
No. 1, from 0 to 1874 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ 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
10-3/4	32.75	8 NI	Republic	186.20	Box			
7-5/8	25.6	8 NI	Republic	186.20	Box			
5-1/2	18	8 NI	Republic	186.20	Box			
2-3/8	4.7	8 NI	Republic	5397.5	(Tubing)			



MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	198'	185	Pump Plug		
7-5/8	3301.32'	200	Pump Plug		
5-1/2	5515.69	150	Pump Plug		

FOLD MARK

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

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 \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. 4993  
Tubing 1100 Casing 1109 CACF 10,341

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2168'	2168'	Surface
2168'	2353'	185'	Ojo Alamo
2353'	2868'	515'	Kirtland
2868'	3128'	260'	Fruitland
3128'	3217'	89'	Pictured Cliffs
3217'	4873'	1656'	Lewis
4873'	4977'	104'	Cliff House
4977'	5312'	335'	Manefee
5312'			Point Lockout
5515'			Total Depth
5512'			Plug Back Total Depth

