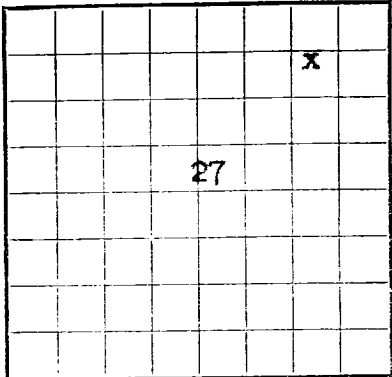


3 - USGS
2 - NMOCC
1 - State Land Office
Form 9-330 1 - L. G. Truby
1 - File

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-65.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-078999
LEASE OR PERMIT TO PROSPECT
14-08-001-464



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. Bdwy, Farmington, N.M.
Lessor or Tract San Juan 31-6 Field Blanco Mesa Verde State New Mexico
Well No. 9-27 Sec. 27 T. 31N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. [N.] of N Line and 990 ft. [E.] of E Line of Section 27 Elevation 5325'
(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 G. H. Peppin
Date September 20, 1957 Title Dist. Proration Engineer

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

Commenced drilling June 10th, 1957 Finished drilling June 22nd, 1957

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

No. 1, from G 5384' to 5690' 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	8rd.	Youngston	187.88	Tex. Pat.				
7-5/8	26.40	8rd.	Republic	3597.50	Guide & float shoe				
5-1/2	17.10	8rd.	Q&A	2263.35	Float & collar & liner hanger				
1-1/4	2.40	8rd.		5878.91	(Tubing)				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	197.88	200	Pump Plug		
7-5/8	3610	200	Pump Plug		
5-1/2	5766	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 0' feet to 5768 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

June 30th, 1957 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 2,857.000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. Tbg 1150#, Csg 1160# CAOF 2,963
EMPLOYEES Shut in 7 days

Driller Driller
Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2360'	2360'	Surface
2360'	2495'	135'	Ojo Alamo
2495'	2960'	465'	Kirtland
2960'	3190'	230'	Fruitland
3190'	3500'	310'	Pictured Cliffs
3500'	5268'	1768'	Lewis
5268'	5360'	92'	Cliff House
5360'	5615'	255'	Menefee
5615'	TD	153'	Point Lookout
5768'			Total Depth
5767'			Plug Back Total Depth

FORM

3.0

FOOT FEET

[OVER]

FORMATION

16-48094-3

LOOKING FOR RECORDS—COMING

