

1 - F110

A 10x10 grid with the number 16 in the center.

## WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**. If State Land submit 6 Copies

PACIFIC NORTHWEST PIPELINE CORPORATION  
(Company or Operator) San Juan 27-5 Unit  
(Lease)  
Well No. 38-16, in SW 1/4 of NE 1/4, of Sec. 16, T. 27 North, R. 5 West, NMPM.  
Blanco Mesa Verde & Pictured Cliffs Pool, Rio Arriba County.  
Well is 1580 feet from North line and 2125 feet from East line  
of Section 16. If State Land the Oil and Gas Lease No. is E-290-30  
Drilling Commenced March 30th, 1958 Drilling was Completed April 16th, 1958  
Name of Drilling Contractor Moran Brothers, Inc.  
Address 3513 East Main, Farmington, New Mexico  
Elevation above sea level at ~~XXXXXXXXXX~~ 6625' DE The information given is to be kept confidential until  
19

No. 1, from **P.C. 3430'** to **3478'** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from **M.V. 5078'** to **5744'** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to                      feet.

No. 2, from                      to                      feet.

No. 3, from                      to                      feet.

No. 4, from                      to                      feet.

RECEIVED  
JUL 22 1958  
OIL CON. COM.  
DIST. 3

CASING RECORD							
SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4"	32.75	New	183.65	Tex. Pat.			
7-5/8"	26.40	New	3676.00	Guide & float collar			
5-1/2"	15.50	New	2215.77	Float & float collar w/liner changer @ 3591.00'			
2-3/8"	4.7	New	5721.21	TUBING & 3378.30' of 1-1/4" 2.3#			New TUBING

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/4	10-3/4	197.25	200	Pump Plug		
9-7/8	7-5/8	368.60	200	Pump Plug		
6-3/4	5-1/2	5806.77	200	Pump Plug		

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Frac Menavarda thru para's. 5744-30, 5724-06, 5700-5694, 5686-68, 5664-50, 5642-38, 5634-28, 5624-16, 5610-5596, 5512-06, 5456-42, 5238-30, 5220-14, 5210-02, 5180-72, 5168-60, 5156-50, 5144-36, 5116-06, 5098-86, 5082-78, w/125,000 gals water, 50,000# 20-40 sd. BD 1500#, IP 1200#, AP 1500#, MP 3000#, FP 3000#, standing 100#. IR before balls 68 BPM. Used 310 balls. Overall IR 62 BPM. Result of Production Stimulation Baker Mag Bridge Plug @ 4020'. Frac P.C. thru para's 3430-3478 w/75,000 gals water, 50,000# 10-20 sd. BD 1800#, IP 1400#, MP 1650#, AP 1400#, FP 900#, standing 500#. IR before balls 65 BPM. Used 330 balls. Avg. IR 60 BPM. Depth Cleaned Out 5807'

# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0' feet to 5807' feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing, 19

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.

Gravity. PC 2,172.000

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of

liquid Hydrocarbon. Shut in Pressure. NY thg 1011 lbs. casg. 1063 lbs.

Length of Time Shut in. 7 days. CAGP NY 1,239 MCF/D. CAGP PC 2,237 MCF/D. PC thg. 1069 lbs. casg. 1069 lbs.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

T. Anhy  
T. Salt  
B. Salt  
T. Yates  
T. 7 Rivers  
T. Queen  
T. Grayburg  
T. San Andres  
T. Glorieta  
T. Drinkard  
T. Tubbs  
T. Abo  
T. Penn  
T. Miss

T. Devonian  
T. Silurian  
T. Montoya  
T. Simpson  
T. McKee  
T. Ellenburger  
T. Gr. Wash  
T. Granite  
T.  
T.  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo. 2778-2932  
T. Kirtland-Fruitland. 2932-3425  
T. Farmington  
T. Pictured Cliffs. 3425-3518  
T. Menefee. 5184-5597  
T. Point Lookout. 5597-5807  
T. Mancos  
T. Dakota  
T. Morrison  
T. Penn  
T.  
T.  
T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2778	2778	Surface				
2778	2932	154	Ojo Alamo				
2932	3305	373	Kirtland				
3305	3425	120	Fruitland				
3425	3518	93	Pictured Cliffs				
3518	5074	1556	Lewis				
5074	5184	110	Cliff House				
5184	5597	413	Manefee				
5597	5807	210	Point Lookout				
5807			Total Depth				
5775			Plug Back Total Depth				

OIL CONSERVATION COMMISSION  
AZTEC DISTRICT OFFICE  
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Inspector  
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Geological Survey  
State Land Office  
U.S.G.S.  
Transporter  
File

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

July 7th, 1958

(Date)

Company or Operator. PACIFIC NORTHWEST PIPELINE CORP. Address. 418 1/2 W. 3rd., Farmington, N.M.

Name. Original signed by G. H. Peppin

Position or Title. District Production Engineer