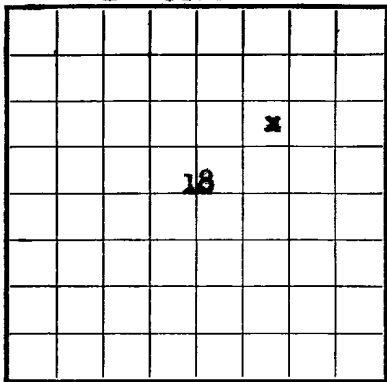


3 - WWS
2 - MOC
1 - State Land Office
1 - L. G. Truby
Form 9-250
1 - File

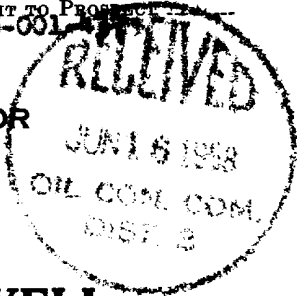
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF-078281**
LEASE OR PERMIT TO PRODUCE **14-38-001**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company **PACIFIC NORTHWEST PIPELINE CORP.** Address **418 1/2 W. Bdw., Farmington, N.M.**
Lessor or Tract **San Juan Unit 29-5** Field **Blanco Mesa Verde** State **New Mexico**
Well No. **25-18** Sec. **18** T. **29** NR. **5** W Meridian **N.M.P.M.** County **Rio Arriba**
Location **1650** ft. **[X] S.** of **M** Line and **1650** ft. **[X] W.** of **E** Line of **Section 18** Elevation **6511'**
(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 Geo. H. Peppin**

Date **June 10th, 1958** Title **District Proration Engineer**

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

Commenced drilling **April 24th**, 19 **58** Finished drilling **May 5th**, 19 **58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **G 5294'** to **5798'** 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 **None** No. 2, from **None** to **None**
No. 3, from **None** to **None** No. 4, from **None** to **None**
No. 5, from **None** to **None** No. 6, from **None** to **None**

CASING RECORD

Size casing	SW 3/4 per foot	Length per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
10-3/4	32.75	8rd	Rep.	183.48	Tap. Pat.			
7-5/8	26.00	8rd	Rep.	264.00	Tap. Pat.			
5-1/2	19.50	8rd	Rep.	201.50	Tap. Pat.			
5-1/2	14.	8rd	Rep.	201.50	Tap. Pat.			
1-1/4	2.3	10rd	Youngstown	5761.98	Tubing			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	195.48	200	Pump Plug		
7-5/8	3680.00	200	Pump Plug		
5-1/2	5850.00	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

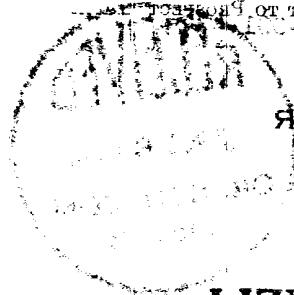
Rotary tools were used from **0'** feet to **5850'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 4th, 19 **58** 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 **4,750.00** Gallons gasoline per 1,000 cu. ft. of gas _____

U. S. LAND OFFICE
SERIAL NUMBER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

1	11								
2	12								
3	13								
4	14								
5	15								
6	16								
7	17								
8	18								
9	19								
10	20								

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 _____

Dated _____

Title _____

Location _____ of _____ Line and _____ if _____
[W.] [X] of _____ Line of _____ Elevation _____
(Circle X for reference to this level)

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____

Lessor or Tenant _____ Field _____ State _____

Company _____ Address _____

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

OIL OR GAS SANDS OR ZONES

(G) và (D) là hai

11-11-61 from 11-11-61 to 11-11-61
11-11-61 from 11-11-61 to 11-11-61
11-11-61 from 11-11-61 to 11-11-61
11-11-61 from 11-11-61 to 11-11-61

NO. 100,000 GALLONS OF WATER. NO. 1700#, IN 1700#, AT 1500#, NO 1700#, IN 1600#.
LOADING REC. IN 75 BBL/WTR. USED 250 WESTERN RUBBER BALLS. TWO THIN PORTS.

IMPORTED WATER SANDS

OFF: LANE WELLS COMPANY MAY, 5 9837.

COASTING RECORD

480-10, 5132-04, 5100-5884, 5150-94, 5106-58, 5132-02, 5088-76, 5612-68, 5652-10, 5630-14,

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was substituted or left in the well, the size and location. If the well has been abandoned, give date, position, and number of shots. If pits or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MIDDLING AND CEMENTING RECORD

Method used	Number sacks of cement	Method used	Number sacks of cement	Method used	Number sacks of cement
Hand	100	Hand	100	Hand	100
Machine	100	Machine	100	Machine	100
Machine	100	Machine	100	Machine	100

PLUGS AND ADAPTERS

Height	Weight	Age	Sex
5' 10"	175	25	Male
5' 8"	160	22	Female
5' 6"	150	20	Male
5' 4"	140	18	Female
5' 2"	130	16	Male
5' 0"	120	14	Female
4' 8"	110	12	Male
4' 6"	100	10	Female
4' 4"	90	8	Male
4' 2"	80	6	Female
4' 0"	70	4	Male
3' 8"	60	2	Female
3' 6"	50	1	Male
3' 4"	40	0	Female
3' 2"	30	-1	Male
3' 0"	20	-2	Female
2' 8"	10	-3	Male
2' 6"	0	-4	Female
2' 4"		-5	Male
2' 2"		-6	Female
2' 0"		-7	Male
1' 8"		-8	Female
1' 6"		-9	Male
1' 4"		-10	Female
1' 2"		-11	Male
1' 0"		-12	Female
0' 8"		-13	Male
0' 6"		-14	Female
0' 4"		-15	Male
0' 2"		-16	Female
0' 0"		-17	Male
		-18	Female
		-19	Male
		-20	Female
		-21	Male
		-22	Female
		-23	Male
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		-90	Female
		-91	Male
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		-94	Female
		-95	Male
		-96	Female
		-97	Male
		-98	Female
		-99	Male
		-100	Female

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

ZETAC

It was used for the first 24 hours	100%
emulsion; 10% water; and	100%
100% sediment.	100%
Gallons gasoline per 1,000 cu. ft. of res	100%
Gravity, °Bé.	100%
barrels of fluid of which	100%
% was oil;	100%
Put to producing	100%

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

U.S. I. O. Santa Fe

U. S. I. O. Santa Fe

U. S. LAND OFFICE _____
APR 07 1908

SERIAL NUMBER 32-070201

LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company PACIFIC NORTHWEST PIPELINE CORP. Address 418 1/2 W. Bdw., Farmington, N.M.
 Lessor or Tract San Juan Unit 29-5 Field Blanco Mesa Verde State New Mexico
 Well No. 25-18 Sec. 18 T. 29 NR. 5 W Meridian N.M.P.M. County Rio Arriba
 Location 1650 ft. SW of N Line and 1650 ft. W of E Line of Section 18 Elevation 6511'
(Draw a line from station to the 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~~ Geo. H. Peppin

Date June 10th, 1958

Title District Proration Engineer

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

Commenced drilling April 24th, 1950 Finished drilling May 5th, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1. from G 5294' to 5796' 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	Rep	183.48	Tex. Pat.				
7-5/8	26.40	8rd	Rep	3608.00	Guide and float collar				
5-1/2	19.50	8rd	C&I	244.97	float and float collar				
5-1/2	14.	8rd	C&I	2011.50	liner hanger @ 3590.03'				
1-1/4	2.3	10rd	Youngstown	5761.98	Tubing				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	195.48	200	Pump Plug		
7-5/8	3680.00	200	Pump Plug		
5-1/2	5850.00	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 5350 feet, and from _____ feet to _____ feet.

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

DATES

----- May 4th -----, 19 58 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. --- 700 --- 800 --- 900 --- 1000 --- CAQD 3-64 NCF/T

EMPLOYEES Shut in 7 days

_____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2630'	2630'	Surface
2630'	2780'	150'	Ojo Alamo
2780'	3097'	317'	Kirtland
3097'	3442'	345'	Fruitland
3442'	3552'	110'	Pictured Cliffs
3552'	5244'	1692'	Lewis
5244'	5330'	86'	Cliff House
5330'	5609'	279'	Menefee
5609'	5850'	241'	Point Lookout
5850'			Total Depth
5838'			Plug Back Total Depth

[OVER]

16-43004-4

DECLASSIFICATION AUTHORITY DERIVED FROM:

