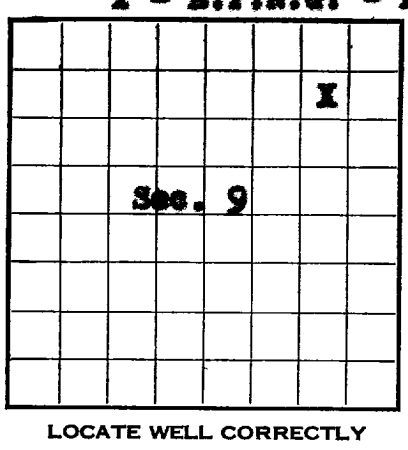
3 - U.S.G.S.
2 - N.M.O.C.C.
2 - E.P.N.G. - E.L.P.
1 - E.P.N.G. - Farm.
1 - Cutler
1 - File

Form 9-331

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079004
LEASE OR PERMIT TO PROSPECT 14-08-001-446



LOCATE WELL CORRECTLY

RECEIVED JUL 31 1959 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pacific Northwest Pipeline Corp. Address 418½ West Broadway -Farmington

Lessor or Tract San Juan 32-8 Field Blanco- M.V. State New Mexico

Well No. 33-9 Sec. 9 T. 31N R. 8W Meridian NMPM County San Juan County

Location 890 ft. {N. / S.} of N Line and 1030 ft. {E. / W.} of E Line of Sec. 9 Elevation 5612.00 (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 L. F. Stone

Date July 27, 1959 Title Drilling Superintendent

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

Commenced drilling June 22, 1959 Finished drilling July 7, 1959

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from [illegible] to [illegible] No. 4, from ____ to ____

No. 2, from [illegible] to [illegible] 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 From—	Perforated To—	Purpose
10 3/4	32.75	8	Reg.	191.12	Tex. Pat.				Surface
7 5/8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				Intermediate
5½	[illegible]	8	[illegible]	[illegible]	[illegible]				Prod. Liner
1½	2.4	10 RD	HIL[illegible]	[illegible]	[illegible]		Tbg.		Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	203.92	200 Reg.	Single Plug		
7 5/8	3735.00	200 Sax	Single Plug		
5½	6047	200 Sax.	Pump Plug		
1½	5943.08	Tubing			

MARK

FOLD

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 6047 feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

7-22, 1959 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. Tbg. 1121 Csg. 1121 CAOF 4338 MCF/D

EMPLOYEES

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2226	2226	Surface
2338	3123	785	Kirtland
3123	3476	353	Fruitland
3476	3640	164	Pictured Cliffs
3640	5438	1798	Lewis
5438	5487	49	Cliff House
5487	5812	325	Menefee
5812	6047	235	Point Lookout
	6047		Total Depth
	6038		Plug Back Total Depth

[OVER]

Form 9-330
1 - U.S.G.S.
1 - N.M.O.C.C.
2 - S.J.P.O. - S.L.P.
1 - Sinclair
3 - Owner
1 - File

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 07200A
LEASE OR PERMIT TO PROSPECT 14-08-001-463

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 31 1959
OIL CON. COM.
DIST. 3

LOCATE WELL CORRECTLY

	X						
			Sec. 9				

LOG OF OIL OR GAS WELL

Company Pacific Northwest Pipeline Corp. Address 415½ West Broadway - Farmington
Lessor or Tract San Juan 32-8 Field Blanco - M.V. State New Mexico
Well No. 23-9 Sec. 9 T. 31N R. 8W Meridian NMPM County San Juan County
Location 990 ft. [S.] of N. Line and 1070 ft. [W.] of E. Line of Sec. 9 Elevation 6212.00
(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 L. P. Stone

Date July 27, 1959 Title Drilling Superintendent

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

Commenced drilling June 22, 1959, Finished drilling July 7, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0 to 6038 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
9 5/8	32.3	10 RD		232.32					
7	20			3735.00					
4½	9.5			6017					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	232.32	200 Reg.	Single Plug		
7	3735.00	200 Sacks	Single Plug		
4½	6017	200 Sacks	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 6017 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

July 7, 1959 Put to producing 19

The production for the first 24 hours was barrels of fluid of which % was oil; %
emulsion; % water; and % sediment. Gravity, °Be.
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. Pres. 1121 Csg. 1121 CAOF 4338 MCF/D

EMPLOYEES

Driller, Driller
Driller, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2256	2256	Surface
2256	3123	765	Ojo Alamo
3123	3476	353	Kirtland
3476	3640	164	Fruitland
3640	3730	90	Pictured Cliffs
3730	3830	100	Lewis
3830	5607	1777	Cliff House
5607	5612	5	Menefee
5612	5947	335	Point Lookout
	6017		Total Depth
	6038		Plug Back Total Depth

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION