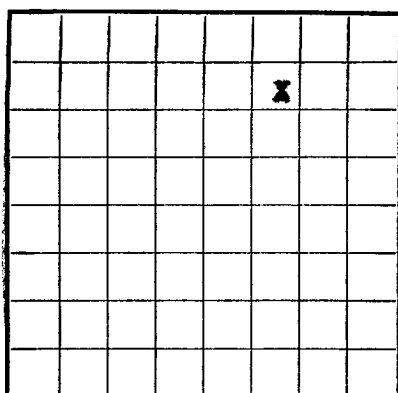
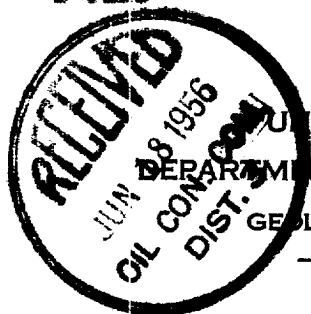


4-UB43
1-W.H. Johnston
2-J. D'Alisera
1-FileBudget Bureau No. 42-R-355.3.
Approval expires 12-31-55.U. S. LAND OFFICE Santa FeSERIAL NUMBER 080146LEASE OR PERMIT TO PROSPECT
#14-08-001-439

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company PACIFIC NORTHWEST PIPELINE CORP. Address 413 West Main Street
Lessor or Tract Unit 29-6 Field Blanco N.V. State New Mexico
Well No. 52-34 Sec. 34 T. 29N R. 6W Meridian N.M.P.M. County Mio Arriba
Location 990 ft. XX of Sec Line and 1690 ft. XX of Sec Line of Section 34 Elevation 6378.5
Grd.

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 T. A. DuganDate 4-18-56 Title District Engineer

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

Commenced drilling 12-18, 19 55 Finished drilling 2-8, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from X.V. 990 to 700 No. 4, from 700 to 590
No. 2, from 700 to 590 No. 5, from 590 to 560
No. 3, from 590 to 560 No. 6, from 560 to 540

IMPORTANT WATER SANDS

No. 1, from 700 to 590 No. 3, from 590 to 560
No. 2, from 590 to 560 No. 4, from 560 to 540

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	8rd.	JAL	215.75	Box Pattern			
7 5/8	21.00	8rd.	JAL	114.00	Box Pattern			
5 1/2	11.7	8rd.	JAL	59.00	Box Pattern			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	218.12	170 <u>ex.</u> 45	WACO		
7 5/8	3362	150 <u>ex.</u> 81-50 <u>ex.</u> 800	WACO		
5 1/2	5609	150 <u>ex.</u> 800	WACO		

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 5609 feet, and from _____ feet to _____ feet

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

DATES

2-8, 19 56 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, XX per 24 hours 5436 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 3150-10950 SIT 10950 3 hr. open flow

EMPLOYEES

Days 3 1 19 daysBob Madson Dr41141ne, Driller 2-27-56, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2443	2443	Surface
2443	2616	173	Ojo Alamo-Sand
2616	2918	302	Kirtland-Shale with some sand
2918	3262	344	Fruitland-Interbedded sand, shale and coal
3262	3392	130	Pictured Cliff-Sand
3392	5033	1641	Lewis-Shale
5033	5120	87	Cliff House-Sand
5120	5432	312	Hemlock-Interbedded sand, shale and coal
5432	5609	177	Point Lookout-Sand
5609			Total Depth

U. S. BANK OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BIOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. There are no markings or text on the page.

Commenced drilling 19 ..
The summary on this page is for the condition of the well at above date.
Date
Title
Signed
Original stored by T. A. Dugan
The information given herewith is a complete and correct record of the well and all work done thereon
Location of [S. of base line and [E. of base line of
Well No. Section T. and R. Meridian
Lessor or Tract
Company
Address
State
County
Elevation
[Stamp: This record is a copy of the original on file in the office of the State Engineer at Lansing, Michigan.]

Oil or Gas Sands or Zones

[illegible]

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD				
No.	Where used	Number sacks of cement	Method used	Mud gravity
1	100 ft	100	100	100
2	100 ft	100	100	100
3	100 ft	100	100	100
4	100 ft	100	100	100
5	100 ft	100	100	100
6	100 ft	100	100	100
7	100 ft	100	100	100
8	100 ft	100	100	100
9	100 ft	100	100	100
10	100 ft	100	100	100
11	100 ft	100	100	100
12	100 ft	100	100	100
13	100 ft	100	100	100
14	100 ft	100	100	100
15	100 ft	100	100	100
16	100 ft	100	100	100
17	100 ft	100	100	100
18	100 ft	100	100	100
19	100 ft	100	100	100
20	100 ft	100	100	100
21	100 ft	100	100	100
22	100 ft	100	100	100
23	100 ft	100	100	100
24	100 ft	100	100	100
25	100 ft	100	100	100
26	100 ft	100	100	100
27	100 ft	100	100	100
28	100 ft	100	100	100
29	100 ft	100	100	100
30	100 ft	100	100	100
31	100 ft	100	100	100
32	100 ft	100	100	100
33	100 ft	100	100	100
34	100 ft	100	100	100
35	100 ft	100	100	100
36	100 ft	100	100	100
37	100 ft	100	100	100
38	100 ft	100	100	100
39	100 ft	100	100	100
40	100 ft	100	100	100
41	100 ft	100	100	100
42	100 ft	100	100	100
43	100 ft	100	100	100
44	100 ft	100	100	100
45	100 ft	100	100	100
46	100 ft	100	100	100
47	100 ft	100	100	100
48	100 ft	100	100	100
49	100 ft	100	100	100
50	100 ft	100	100	100
51	100 ft	100	100	100
52	100 ft	100	100	100
53	100 ft	100	100	100
54	100 ft	100	100	100
55	100 ft	100	100	100
56	100 ft	100	100	100
57	100 ft	100	100	100
58	100 ft	100	100	100
59	100 ft	100	100	100
60	100 ft	100	100	100
61	100 ft	100	100	100
62	100 ft	100	100	100
63	100 ft	100	100	100
64	100 ft	100	100	100
65	100 ft	100	100	100
66	100 ft	100	100	100
67	100 ft	100	100	100
68	100 ft	100	100	100
69	100 ft	100	100	100
70	100 ft	100	100	100
71	100 ft	100	100	100
72	100 ft	100	100	100
73	100 ft	100	100	100
74	100 ft	100	100	100
75	100 ft	100	100	100
76	100 ft	100	100	100
77	100 ft	100	100	100
78	100 ft	100	100	100
79	100 ft	100	100	100
80	100 ft	100	100	100
81	100 ft	100	100	100
82	100 ft	100	100	100
83	100 ft	100	100	100
84	100 ft	100	100	100
85	100 ft	100	100	100
86	100 ft	100	100	100
87	100 ft	100	100	100
88	100 ft	100	100	100
89	100 ft	100	100	100
90	100 ft	100	100	100
91	100 ft	100	100	100
92	100 ft	100	100	100
93	100 ft	100	100	100
94	100 ft	100	100	100
95	100 ft	100	100	100
96	100 ft	100	100	100
97	100 ft	100	100	100
98	100 ft	100	100	100
99	100 ft	100	100	100
100	100 ft	100	100	100

PLUGS AND ADAPTERS

SHOOTING RECORD		
Adapters - Material	Size	Length
Heaving plug - Material		

SHOOTING RECORD

Site	Specimen	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

DATES		FROM		TO	
Rotary tools were used from	feet to	feet and from	feet to		
Grapple tools were used from	feet to	feet and from	feet to		

DATE

EMPLOYEES		DATE	
Rock pressure, lbs. per sq. in.		Put to producing	
If gas well, cu. ft. per 24 hours		% water; and % sediment	
The production for the first 24 hours was		barrels of fluid of which % was oil;	
Gallons gasoline per 1,000 cu. ft. of gas		Gravity, °Bé.	

EMPLOYEES

[illegible]

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued