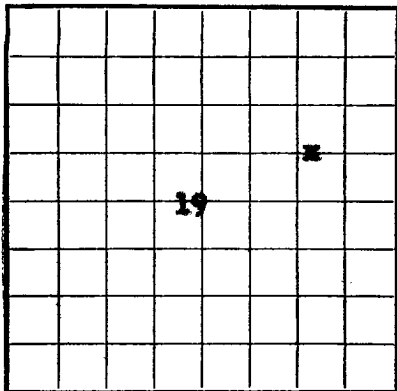
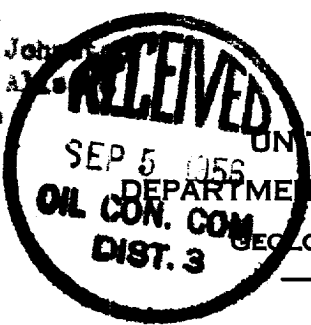


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER S.F. 070740
LEASE OR PERMIT TO PROSPECT

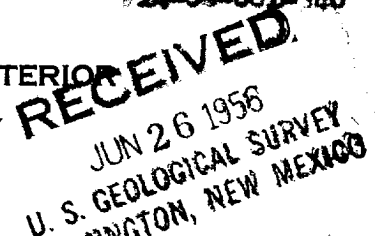


1-430P
1-W.A. Jones
2-J.L. Allen
1-File



UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
DIST. 3



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pacific Northwest Pipeline Corp Address 413 1/2 W. Main, Farmington, New Mexico
Lessor or Tract Unit 30-5 Field Blanco N.V. State New Mexico
Well No. 15-19 Sec. 19 T. 30N R. 5E Meridian N.T. County Albuquerque
Location 1675 ft. N. of Sec 19 Line and 800 ft. E. of Sec 19 Line of Sec 19 Elevation 6424 ft.
(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 T. A. Dugan

Date June 5, 1956 Title District Engineer

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

Commenced drilling 3-21, 1956 Finished drilling 5-4, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5316 to 5764.0 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—	
9-5/8	32.3	8.5	CP&I	181.26	Perf. Nipple				
7	25.0	8.5	CP&I	574.95	Perf. Nipple				
5	21.7	8.5	CP&I	574.95	Perf. Nipple				
2-3/8	6.7	8.5	CP&I	574.95	Perf. Nipple				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	185 G.D.	150 sack reg.	Halliburton		
7	3435	100 sack 8 1/2 & 50 sack	Halliburton		
5	5766.69	150 sack reg.	Halliburton		

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 5770 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-4, 1956 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, NCF cu. ft. per 24 hours 3123, Gallegos gas flow, 1000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. NCF 11875 1110

EMPLOYEES

Morris Jones Drilling Engineer, Driller 3 hr. open flow on 5-14-56, 3/4" choke
_____, Driller shut in for 7 days, _____, Driller

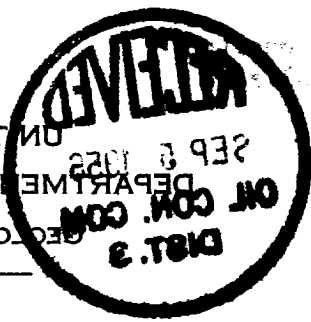
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2533	2533	Surface
2533	2640	107	Ojoa Alamo-Sand
2640	2993	353	Kirtland-Sand w/some sand
2993	3347	354	Fruitland-Interbedded sand, shale and
3347	3444	97	Pictured Cliffs-Sand coal
3444	5302	1858	Lewis-Shale
5302	5338	36	Cliff House-Sand
5338	5590	252	Menefee-Interbedded sand, shale, and
5590	5770	180	Point Lookout-Sand coal
5770			Total Depth
5765			Plug Back Depth

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
14-10000
RECEIVED
JUN 26 1936
U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO



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. Dugan

Location of _____ of _____ line and _____ of _____ line of _____
 Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____
 County _____ State _____
 Address _____

Lessor or Tract _____
 Company _____

Commenced drilling _____, 19____
 Finished drilling _____, 19____
 The summary on this page is for the condition of the well at above date.
 Date _____ Title _____

OIL OR GAS SANDS OR ZONES

(Devote gas by G)

[illegible]

Case No.	Size per foot	Thrusts per inch	Make	Amount	Kind of shoe	Cut and pulled from	Remarks From - To -	Purpose
1	12	10	W. & W.	100	Flat	100	100	100

MUDDING AND CEMENTING RECORD

Casing size	Whore set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-8	100	100	100	100	100
9-10	100	100	100	100	100
11-12	100	100	100	100	100
13-14	100	100	100	100	100
15-16	100	100	100	100	100
17-18	100	100	100	100	100
19-20	100	100	100	100	100
21-22	100	100	100	100	100
23-24	100	100	100	100	100
25-26	100	100	100	100	100
27-28	100	100	100	100	100
29-30	100	100	100	100	100
31-32	100	100	100	100	100
33-34	100	100	100	100	100
35-36	100	100	100	100	100
37-38	100	100	100	100	100
39-40	100	100	100	100	100
41-42	100	100	100	100	100
43-44	100	100	100	100	100
45-46	100	100	100	100	100
47-48	100	100	100	100	100
49-50	100	100	100	100	100
51-52	100	100	100	100	100
53-54	100	100	100	100	100
55-56	100	100	100	100	100
57-58	100	100	100	100	100
59-60	100	100	100	100	100
61-62	100	100	100	100	100
63-64	100	100	100	100	100
65-66	100	100	100	100	100
67-68	100	100	100	100	100
69-70	100	100	100	100	100
71-72	100	100	100	100	100
73-74	100	100	100	100	100
75-76	100	100	100	100	100
77-78	100	100	100	100	100
79-80	100	100	100	100	100
81-82	100	100	100	100	100
83-84	100	100	100	100	100
85-86	100	100	100	100	100
87-88	100	100	100	100	100
89-90	100	100	100	100	100
91-92	100	100	100	100	100
93-94	100	100	100	100	100
95-96	100	100	100	100	100
97-98	100	100	100	100	100
99-100	100	100	100	100	100

PLUGS AND ADAPTERS

Adapters—Material	Size	Length	Depth and
Heaving plug—Material			

SHOOTING RECORD

[illegible]

TOOLS USED

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

DATE

If gas well, cu. ft. per 24 hours emulsion; and _____% sediment.	Put to producing _____ 19____
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

Driller	107	Driller
Driller		Driller

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued