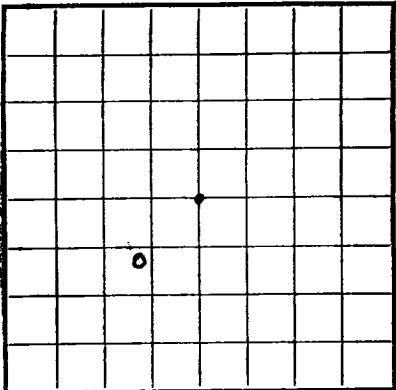
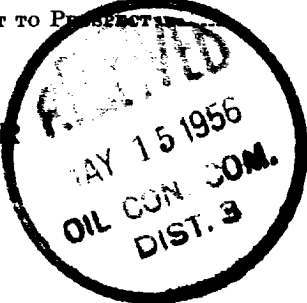




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 073119
LEASE OR PERMIT TO PROSPECT



LOG OF OIL OR GAS WELL

Company Pueblo Petroleum Corp. Address 107 W. Chase, Aztec, New Mexico
Lessor or Tract SP 073119 Field Blanco Km State New Mexico
Well No. 2-X Sec. 12 T. 32N R. 11W Meridian NMPM County San Juan
Location 1750 ft. N. of 8 Line and 1750 ft. E. of 7 Line of Section 12 Elevation 6486
(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.

Date May 14, 1956 Signed J. S. Roldman Title District Geologist

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

Commenced drilling March 17, 1956 Finished drilling May 11, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0 2086 to 3165 No. 4, from 0 5462 to 5550
No. 2, from 0 5322 to 5392 No. 5, from _____ to _____
No. 3, from 0 5064 to 5132 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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	8 RD	Long	198.29	Howee				Surface
7-5/8	26.1	8 RD	Long	353.86	Howee				Intermediate
5-1/2	19.5	8 RD	Long	323.81	Howee				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	213.94	200 Reg & 25 Calcium Chloride	Water		
7-5/8	3518	150 Reg & 150 cu. ft. Stratacrete, 6% Sol.			
5-1/2	5732	30 Reg & 20 cu. ft. Stratacrete, 6% Sol.			

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 Surface feet to 5732 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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. _____

EMPLOYEES

J. P. Richer _____, Driller J. C. Jones _____, Driller
E. Roof _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1512	1539	27	Ojo Alamo
1539	2686	1147	Kirtland
2686	3165	479	Fruitland
3165	3273	108	Picture Cliffs
3273	4729	1456	Lewis
4729	5064	335	Mesaverte Transition
5064	5132	68	Mesaverte Cliff House
5132	5456	324	Mesaverte House
5456	5603	147	Mesaverte Point Lookout

FROM—

TO—

TOTAL FEET

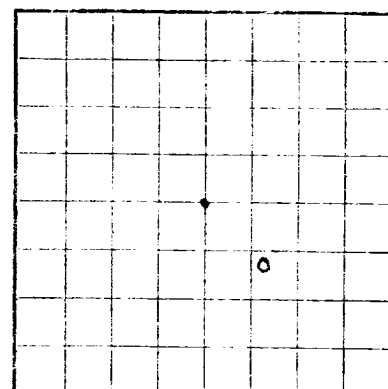
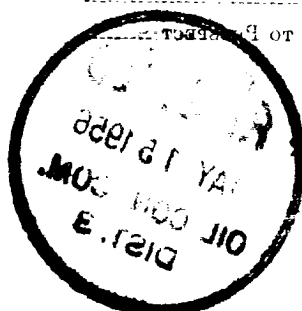
(OVER)

FORMATION

16-42094-8

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

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 _____

Location _____ ft. _____ of _____ line and _____ ft. _____ of _____ line of _____ Elevation _____

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

_____ Lessor or Trust _____ Company _____

Address _____

Continued drilling _____ 19 _____
The summary on this page is for the condition of the well at above date.
Date _____

(Records are in G)
OIL OR GAS SANDS OR ZONES

to	from 4.0%	to	from 4.0%
to	from 3.0%	to	from 3.0%
to	from 2.0%	to	from 2.0%

IMPORTANT WATER SANDS

of	1001, 1002	of	1001, 1002
of	1001, 1002	of	1001, 1002

CASING RECORD

Case	Weight per foot	Thickness inches	Length	Amount	Kind of shoe	Cost and quality	Particulars
------	--------------------	---------------------	--------	--------	--------------	------------------	-------------

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 testing was "sidechecked," or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If pings 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

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

MURDERING AND CEMENTING RECORD

Serial No.	Port of Origin	Number of Sacks of Cement	Weight of Cement	Weight of Cement	Weight of Cement
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10

PLUGS AND ADAPTERS

Heaving plug—Material	Weight	Location
Bottom—Material	Size	

SHOOTING RECORD

[illegible]

TOOL USED

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

DATE

[illegible]

EMPLOYEES

Driller	Driller		
Driller	Driller		

INFORMATION RECORD

FROM	TO	TOTAL FEET	FORM 7702
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30
31	31	31	31
32	32	32	32
33	33	33	33
34	34	34	34
35	35	35	35
36	36	36	36
37	37	37	37
38	38	38	38
39	39	39	39
40	40	40	40
41	41	41	41
42	42	42	42
43	43	43	43
44	44	44	44
45	45	45	45
46	46	46	46
47	47	47	47
48	48	48	48
49	49	49	49
50	50	50	50
51	51	51	51
52	52	52	52
53	53	53	53
54	54	54	54
55	55	55	55
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72	72	72	72
73	73	73	73
74	74	74	74
75	75	75	75
76	76	76	76
77	77	77	77
78	78	78	78
79	79	79	79
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84	84	84	84
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87	87	87	87
88	88	88	88
89	89	89	89
90	90	90	90
91	91	91	91
92	92	92	92
93	93	93	93
94	94	94	94
95	95	95	95
96	96	96	96
97	97	97	97
98	98	98	98
99	99	99	99
100	100	100	100

Zone No. 1 Perforated with 2 jets and 2 bullets per foot, 5462-73, 5486-5504, 5516-22, 5529-33, 5546-50, (48 feet, 192 holes). Sand-water. Paced with 975 Bbl. Water, 50,000 # sand, 20-40 mesh Regular Maximum Pressure 1000 psi, Average Treating Pressure 1000 psi, Injection Rate 55.5 bbl./min. Jet Baker
Zone No. 2 Perforated with 2 jets and 2 bullets per foot, 5322-26, 5354-30, 5386-94, (38 feet, 152 holes). Sand-water. Paced with 995 Bbl. Water, 50,000 # sand, 20-40 mesh Regular Maximum Pressure 11,000 psi, Injection Rate 55.5 bbl./min. Tested after clean-out with No Shut-In. 3500 MCM/Day. Bridge Plug at 5422 to isolate zones.

NO DUPLICATION OF DATA REQUIRED

[illegible]