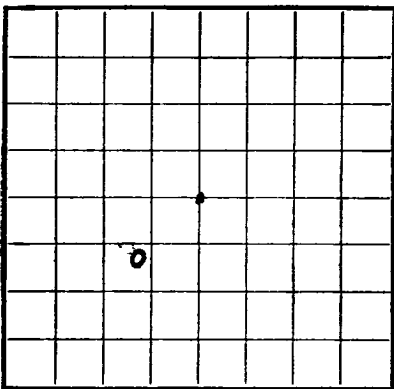


Santa Fe

U. S. LAND OFFICE 078119

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pueblo Petroleum Corp. Address 107 W. Chaco, Aztec, New Mexico
Lessor or Tract SP 078119 Field Blanco Mv State New Mexico
Well No. 2-X Sec. 12 T. 32N R. 11E Meridian NMPN County San Juan
Location 1750 ft. N. of 3 Line and 1750 ft. E. of 3 Line of Section 12 Elevation 6486
(Derrick base 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

Date May 14, 1956Title 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 2486 to 3165 No. 4, from 0 5462 to 5550
No. 2, from G 5322 to 5392 No. 5, from _____ to _____
No. 3, from G 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 Star	198.22	Honey				Surface
7-5/8	21.39	8 RD	Long Star	150.00	Honey				Intermediate
5-1/2	16.75	8 RD	Long Star	100.00	Honey				Production
HISTORY OF OIL OR GAS WELL									

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 Bag & 25 Calcium Chloride Water			
7-5/8	3518	150 Bag & 150 cu. ft. Stratacrete, 6% Sol.			
5-1/2	5732	80 Bag & 80 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

MAY 13, 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, cu. ft. per 24 hours 540F 96 95M Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1060

EMPLOYEES

J. E. Fisher, Driller J. E. Jones, Driller
W. 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	Mesaverde Transition
5064	5132	68	Mesaverde Cliff House
5132	5456	324	Mesaverde Menefee
5456	5603	147	Mesaverde Point Lookout

FORM

10

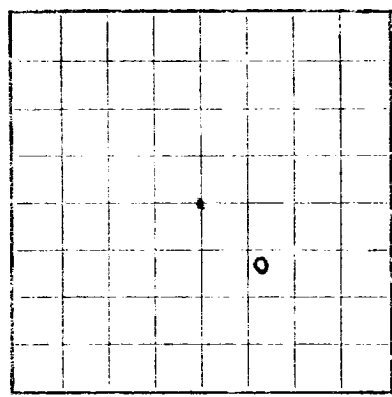
COLT EPSE

[OVER]

FORM 9-830

16-42094-8

FORMATION RECORD—CONTINUED



LOG OF OIL OR GAS WELL

Company _____
Lessor or Tract _____
Well No. _____
Location _____
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 _____
Date _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES	
No. 1 from _____ to _____	(Devote space to (2))
No. 2 from _____ to _____	
No. 3 from _____ to _____	

IMPORTANT WATER SANDS	
No. 1 from _____ to _____	
No. 2 from _____ to _____	

CASING RECORD	
Size casing per foot	Weight per foot
Through hole	Through hole
Amount	Kind of shoe
Kind of shoe	From _____ to _____
Purposes	For _____

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 "redrilled" 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or burning.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD	
Where set	Amount of mud used
Number sacks of cement	Method used
Method used	Mud strength
Amount of mud used	

PLUGS AND ADAPTERS	
Where set	Depth set
Material	
Length	

SHOOTING RECORD	
Size	Depth cleaned out
Shot used	Depth of
Amount used	Rate
Quantity	

TOOLS USED	
Rotary tools were used from _____ to _____	
Cable tools were used from _____ to _____	

DATES	
Part to production _____	
Parts of fluid or which _____ was oil _____	

EMPLOYEES	
Rock pressure, lbs. per sq. in.	
It gas well, cu. ft. per 24 hours _____	

FORMATION RECORD	
Formation	Formation
Formation	Formation

FORMATION RECORD	
FROM _____	TO _____
TOTAL FEET	

FORMATION RECORD	
FORMATION	FORMATION
FORMATION	FORMATION

Zone No. 1 Perforated with 2 jets and 2 bullets per foot, 5462-73, 5466-5504, 5516-22, 5529-33, 5546-50, (4 1/2 feet, 192 holes). Sand-water pressed with 975 bbl. water, 50,000 # sand, 20-40 mesh (regular) maximum pressure 1000 psi, average fracturing pressure 1000 psi, injection rate 55.5 bbl./min. Not Baker maximum bridge plug at 5422 to isolate zone.

Zone No. 2 Perforated with 2 jets and 2 bullets per foot, 5322-26, 5354-30, 5386-94, (36 feet, 152 holes). Sand-water pressed with 995 bbl. water, 50,000 # sand, 20-40 mesh (regular) maximum pressure 11,000 psi, injection rate 55.5 bbl./min. Cleaned out fluid and drilled out bridge plug after second zone. Tested after clean-out with no shut-in, 3500 w.c.p.

FORMATION RECORD	
FORMATION	FORMATION
FORMATION	FORMATION