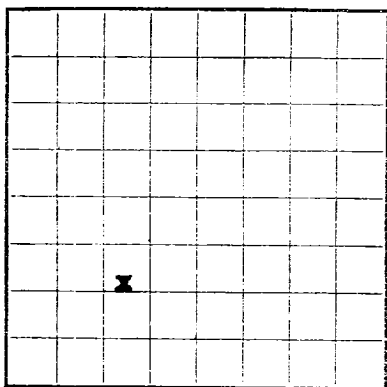


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080536
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Alfred E. Melane Address P.O. Box 728 - Farmington, N. M.
Lessor or Tract Hall Field So. Blanco P.C. Ext. State New Mexico
Well No. 5 Sec. 15 T. 25-NR. 3-W Meridian N.M.P.M. County Rio Arriba
Location 1850 ft. N. of S. Line and 1850 ft. E. of W. Line of Sec. 15 Elevation 7,372
(Depth floor relative to 7,372)

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 June 26, 1959C. Benson Neal, Agent in Farmington

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

Commenced drilling March 17, 1959, 19____ Finished drilling April 21, 1959, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3,806 to 3,812 ("G") 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 _____ 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—	
8-5/8	24	8 rd. thd.	J-35	80	None	Surface			Surface
5-1/2	17.5	8 rd. thd.	J-35	3,806	Halliburton	3,806	3,812		Long String
1-1/4	8.0	8 rd. thd.		3,811	None				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	88	70	Halliburton	Mostly water	
5-1/2	3,806	100	Halliburton	Mostly water	

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
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Sand fraced with 24,360 gallons water and 30,000# sand. Flushed with 3,700 gallons water. Breakdown pressure 3200#. Treating pressure 1900-2200#. Average injection 54.2 barrels per minute.

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 97 feet to 3,904 feet, and from Surface feet to _____ feet
for completion.

DATES

Potential test taken _____, 19____ Put to production Shut in to await potential test, 19____

June 9, 1959April 21, 1959

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. 803 MCF/Day (ACF)

EMPLOYEES

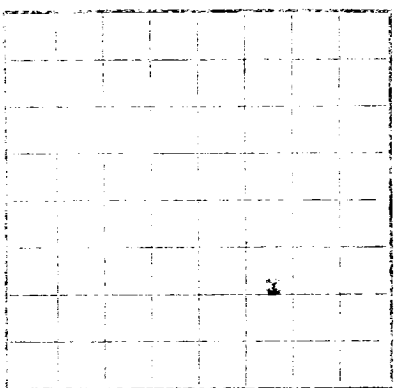
Driller _____, Driller
Benson-Martin-Greer Drilling Corp.
Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3,727	3,727	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations.
3,727	3,735	8	Coal
3,735	3,747	12	Shale
3,747	3,751	4	Coal
3,751	3,786	35	Shale
3,786	3,796	10	Coal
3,796	3,806	10	Shale
3,806	3,812	6	Sand (Top of Pictured Cliffs at 3,806)
3,812	3,904	92	Shale

(OVER)

16-43094-4



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Company Atlantic Petroleum Co., Inc. Address 1400 Broadway, New York 1, N.Y.
 Lessor or Tract Well No. 1 Section 12 T. 23 N. R. 3 W. Meridian N. 10 E. S. 1 E. of line and 1/2 mile and 1/2 mile
 Location 1/2 mile and 1/2 mile of line and 1/2 mile and 1/2 mile
 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 [Signature]
 Date June 10, 1952

The summary on this page is for the condition of the well at above date.
 Commenced drilling March 14, 1952 Finished drilling April 21, 1952

OIL OR GAS SANDS OR ZONES

(Denote by 5)

No. 1 from 2,000 to 2,015 (5)
 No. 2 from 2,015 to 2,030
 No. 3 from 2,030 to 2,045
 No. 4 from 2,045 to 2,060
 No. 5 from 2,060 to 2,075
 No. 6 from 2,075 to 2,090
 No. 7 from 2,090 to 2,105
 No. 8 from 2,105 to 2,120
 No. 9 from 2,120 to 2,135
 No. 10 from 2,135 to 2,150
 No. 11 from 2,150 to 2,165
 No. 12 from 2,165 to 2,180
 No. 13 from 2,180 to 2,195
 No. 14 from 2,195 to 2,210
 No. 15 from 2,210 to 2,225
 No. 16 from 2,225 to 2,240
 No. 17 from 2,240 to 2,255
 No. 18 from 2,255 to 2,270
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