

LOCATE WELL CORRECTLY

UNIT

U. S. LAND OFFICE ~~Santa Fe~~
SERIAL NUMBER ~~NM-04444~~
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company J. E. Abraham Address 224-1st National Bank Bldg.
 Lessor or Tract _____ Field Horseshoe State New Mexico
 Well No. #-2 Sec. 10 T. 30N R. 16W Meridian San Juan County New Mexico
 Location 1990 ft. $\left\{ \begin{array}{c} N \\ S \end{array} \right\}$ of N Line and 1280 ft. $\left\{ \begin{array}{c} E \\ W \end{array} \right\}$ of W Line of Section 10 Elevation 5456 Feet

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 4-30-59 Signed Dean Abraham
Title _____

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

Commenced drilling 3-28, 1959 Finished drilling 4-13, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by $\odot$)

No. 1, from 1564 to 1624 No. 4, from 1628 to 1698

No. 2, from 1640 to 1650 No. 5, from _____ to _____

No. 3, from 1660 to 1668 No. 6, from 1669 to 1677

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	87	75	Halliburton		
5-1/2	17432	100	"		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material	Size

SHOOTING RECORD

[illegible]

TOOLS USED

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

Cable tools were used from 4 feet to 1742 feet, and from feet to feet.

1410 DATES

....., 19.....	Put to producing	19.....
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The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity °Ré _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

-----Grossman Drilling Co-----, Driller -----, Driller

W.G. Lewis, Driller C. M. Nickerson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	400	400	Sd-Shale
400	1500	1100	Shale
1500	1530	60	Shale
1560	1624	64	Sand
1624	1640	16	Shale
1640	1650	10	Sand
1650	1650	10	Shale
1660	1668	8	Sand
1668	1688	20	Shale
1688	1698	10	Sand
Top Gallup	1560		

[OVER]

INFORMATION RECORD—Continued

16-4204-

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A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares. The grid is used for plotting the graph of the function $y = \frac{1}{2}x^2$.

4-30-2d Date

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

Commenced drilling 7-23-1901 Finished drilling 4-18-1901

OIL OR GAS SANDS OR ZONES

(Derecho de uso)

[illegible]

CASING RECORD

• CITY ZILAOPI

It is of the greatest importance to have a complete history of the well. Please state in detail the date of completion, the nature of the work done, the results obtained, the cost of the work, and the name of the person or firm who did the work. If the well has been abandoned, state the date of abandonment and the reason therefor. If the well is being used for any purpose, state the purpose and the date of last use. If the well is being used for any purpose, state the purpose and the date of last use. If the well is being used for any purpose, state the purpose and the date of last use.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing size	Hole set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-7/8"	78	75	Hand tamping		
9-5/8"	80	100			

PLUGS AND ADAPTERS

Heaving plug—Material

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

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

DATES

If gas well, cu. ft. per 24 hours ----- emulsion; ----- % water; and ----- % sediment. ----- The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- Put to producing ----- 10	Gallons gasoline per 1,000 cu. ft. of gas ----- Gravity, °Bé. ----- 41 -----
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EMPLOYEES

Grossman Drilling Co	Driller	Driller
W. G. Lewis	Driller	Driller

FORMATION RECORD

FORMATION	TOTAL FEET	TO—	FROM—
81-Shale	400	400	0
Shale	1100	1500	400
Shale	00	1520	1500
Sand	64	1624	1520
Shale	18	1640	1624
Sand	10	1650	1640
Shale	10	1660	1650
Sand	0	1668	1660
Shale	20	1688	1668
Sand	10	1698	1688
		1720	1698