

[illegible]

RECEIVED
MAR 28 1960
OIL CON. COM.
DIST. 3

U. S. LAND OFFICE ~~Santa Fe~~-----
SERIAL NUMBER ~~0444~~-----
LEASE OR PERMIT TO PROSPECT -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. H. Abraham Address 224-1st National Bank Bldg. Alb. N. M.
 Lessor or Tract _____ Field Horseshoe State New Mexico
 Well No. 2-X Sec 10 T32 N. R. 16 W. Meridian San Juan County New Mexico
 Location 2130 ft. $\left[\begin{smallmatrix} N \\ S \end{smallmatrix} \right]$ of N Line and 1650 ft. $\left[\begin{smallmatrix} E \\ W \end{smallmatrix} \right]$ of W Line of Section-10 Elevation 5433
(Survey's 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.

Date March 22, 1960 Title _____

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

Commenced drilling Feb-28, 1940 Finished drilling March-16, 1940

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathbb{G}$)

No. 1, from ~~1424-1426 SW to SW 1/4~~ No. 4, from _____ to _____

No. 2, from 1508 to 1514 No. 5, from _____ to _____

No. 3. from 1590 to 1667 No. 6. from to

100% - **VERY IMPORTANT WATER SANDS** - 100% IS NOT TENDS SHUTTER

No. 1, from _____ No. 8, from _____

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

CASING RECORD

CASING RECORD

Size casting	Weight per foot	Threads per inch	J. Make	Amount	Used in shoe	Out and back from	Perforated		Purpose
							From—	To—	
10-3/4 45		3. R. D	J. N. L.	77					Surface
8-3/4 34		4. R. D	J. N. L.	1400					Prod
2 1/2 9.7		6. R. D.	J. N. L.	1510					Prod 1b

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	77	40	Halliburton		
8-1/2	1610	250	B-J		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material	Size
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SHOOTING RECORD

[illegible]

TOOLS USED

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

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

DATES

-----, 19----- Put to producing -----, 1960-----

The production for the first 24 hours was 1200 barrels of fluid of which 100 % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 45

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 _____

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	510	510	Sand -Shale
510	1452	942	Shale
1452	1540	88	Oil Sand
1540	1578	38	Shale
1578	1610	32	Oil Sand
1610	1625	15	Shale
1625	1632	7	Oil Sand
1632	1638	6	Shale
1638	1650	12	Oil Sand
1650	1712	62	Shale
Top Gallup	1452		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

RECEIVED
MAR 28 1960
OIL CO. OF CALIF.
DIST. 2

Commenced drilling ~~March 25~~, 19~~25~~ Finished drilling ~~March 16~~, 19~~25~~
The summary on this page is for the condition of the well at above date.

~~March 25~~ 19~~25~~ Title

(Detritus and py G)

Casing Size	Inch	Feet	From	To	Remarks
3-10-60	3.75	112			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 "skipped" or left in the well, give date and position. 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 bailing of shot.
3-10-60	3.75	112			2nd case
3-10-60	3.75	112			Redrilled with 8 inches to the foot. 1934-1935

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

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Adapters—Material	Length	Depth set

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

It gas well cu. ft. per 24 hours		Gallons gasoline per 1,000 cu. ft. of gas	
emulsion; % water; and % sediment		Gravity, ° Bé.	
The production for the first 24 hours was		barrels of fluid of which % was oil; %	
Put to producing		1923	

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

FORMATION	TOTAL FEET	TO—	FROM—
Shale - Blue	210	010	0
Shale	241	1441	210
Oil sand	32	1473	1441
Shale	32	1479	1473
Oil sand	22	1510	1479
Shale	12	1522	1510
Oil sand	0	1522	1522
Shale	0	1522	1522
Oil sand	12	1534	1522
Shale	22	1512	1534
		1452	1512

FORMATION RECORD—Continued

8-40024-DI

1997

FORMATION

—01

TOTAL FEET

—01

NOTE