

Santa Fe
U. S. LAND OFFICE 280245
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAY 13 1952
U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Delhi Oil Corporation Address 1314 Wood St. Dallas, Texas
Lessor or Tract Laura V. Hanner Field Blanco-La Plata State New Mexico
Well No. 1 Sec. 20 T. 29 R. 9 Meridian NMPM County San Juan
Location 530 ft. {N.} of 945 Line and 945 ft. {E.} of Sec. 20 Line of 5604 D.F.
(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 12, 1952 Signed J. B. Howell Title Superintendent

The summary on this page is for the condition of the well at above date.
Commenced drilling Feb. 29, 1952 Finished drilling April 10, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3693 to 3793-G No. 4, from 4316 to 4448-G
No. 2, from 4316 to 4448-G No. 5, from 4316 to 4448-G
No. 3, from 4316 to 4448-G No. 6, from 4316 to 4448-G

IMPORTANT WATER SANDS

No. 1, from None to None No. 3, from None to None
No. 2, from None to None No. 4, from None to None

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	8RT	Natl	158	None				Surface
7	20	8RT	"	3727	Baker				Long String
1.9	2.75	10RT	"	3774	None				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	164	150	Hallib	Drilled w/water	
7"	3710	300	Ditto	9.6	
1.9	3757				

PLUGS AND ADAPTERS

Heaving plug—Material None Length None Depth set None
Adapters—Material None Size None

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Qts.	Fin.	S.N.G.	1295	4/11/52	3770-4468	Clean out not required Drilled w/gas

TOOLS USED

Rotary tools were used from 0 feet to 3710 feet, w/rotary attachment
Cable tools were used from 3710 feet to 4468 feet, and from 4468 feet to 4468 feet

DATES

4-17, 1952 Put to producing 4-17, 1952
The production for the first 24 hours was 904 barrels of fluid of which 904 % was oil; 904 % emulsion; 904 % water; and 904 % sediment. Gravity, °Bé. 904
If gas well, cu. ft. per 24 hours 904 Gallons gasoline per 1,000 cu. ft. of gas (Shut in CP 96 hrs. 1050#)
Rock pressure, lbs. per sq. in. 904

EMPLOYEES

J. E. Evarts, Driller O. R. Cooper, Driller
R. Starcher, Driller T. M. Cotton, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1030	1030	Massive beds of coarse conglomeratic sandstone separated by thin beds of sandy shale.
1030	1770	740	Bentonitic shales w/thin sandstones lentals Top of Kirtland @ 1030
1770	2040	270	Interbedded sand shale and coal—Top of Fruitland @ 2040
2040	2093	53	Sand—Top of Pictured Cliffs @ 2040
2093	3693	1600	Shale and sandy shale. Top of Lewis @ 2093
3693	3793	100	Sandstone w/streaks of sandy shale. Top of Cliff House @ 3693
3793	4316	523	Interbedded sand, shale & coal. Top of Menefee @ 3793
4316	4448	132	Sandstone—Top of Point Lookout @ 4316
4448	4468	20	Sandy shale—Top of Mancos @ 4448

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by horizontal and vertical lines. There are approximately 20 columns and 20 rows of squares visible on the page. The lines are thin and black, set against a white background.

ACCEPTED MANUSCRIPT

[Signature]

2011/11/14

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 "sidetracked," 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 balling.

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SECRET

FORMATION RECORD-Continued