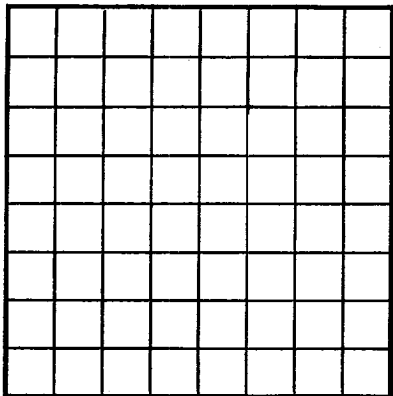


U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 0606
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Delhi Oil Corporation Address Corrigan Tower, Dallas, Texas
Lessor or Tract Atlantic Field Wildcat State New Mexico
Well No. 4-A Sec. 27 T. 31 R. 10 Meridian NMPM County San Juan
Location 790 ft. N. of S Line and 990 ft. E. of W Line of Sec. 27 Elevation 6337 OL
(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 Nov. 15, 1952Signed J. B. Howell
Title Superintendent

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

Commenced drilling 8/14/52, 19____ Finished drilling 11/1/52, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7573 to 7796 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 None 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	Purpose
13 3/8	4.3	3 1/2	Natl	155			Surface
7 5/8	4.70	3 1/2	Natl	155			Intermediate
5 1/2	4.70	3 1/2	Natl	155			Production
2	4.70	3 1/2	Natl	155			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	165	200	Hallib	Drig w/water	
7 5/8	4712	200	"	9.5	
5 1/2	7596	75	"	8.6	
2	7566				

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4 1/2	Tin	Stab SNG	330	11/5/52	7613-7796	

TOOLS USED

Rotary tools were used from _____ feet to 7796 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Well shut in 12/12/52 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 3020 Gallons gasoline per 1,000 cu. ft. of gas _____
(Shut-in 168 hrs. CP (1800#))

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller
J. D. Taylor, Driller
_____, Driller
J. A. Andrews, Driller
H. H. Ward, Driller
T. C. Hickman, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	448	448	Wasatch formation. Sandstone w/interbeds of shal
448	1680	1232	Animas formation. Sandstone w/grey & green shale
1680	1773	93	Ojo Alamo formation. Sandstone
1773	2668	895	Kirtland formation. Shales
2668	3067	399	Forming Sandstone member @ 2167 (4182)
3067	3120	53	Fruitland formation. Carbonaceous Shales & Coal
3120	4700	1480	Pictured Cliff formation. Sandstone
4700	4860	180	Lewis formation. Med. Grey to dark grey shales
4860	5280	400	Cliffhouse formation. Sandstone
5280	5410	130	Menefee formation. Dk. grey & black shales & Coal.
5410	7573	2163	Point Lookout formation. Massive Sandstone w/ some Shale
7573	7796	223	Mancoes formation. Mostly dark grey shales
7796	7796	0	Greenhorn member (7430-7510). Black Shales & Sandstone
			Graneros member (7510-76) Black Shales
			Dakota formation. Mostly Sandstone w/ thin beds of Shale & Coal.

FORMATION RECORD—Continued

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Date May 22, 1938

THE Associated

J. H. Howell

signed

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.

Location $134\frac{1}{2}$ ft. $\frac{1}{2}$ of Line and $134\frac{1}{2}$ ft. $\frac{1}{2}$ of Line of No. 27 Elevation 1347.0

Well No. 27 T. 11 R. 14 Meridian

County

Lessor or Trust

Company

Address

State

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

OIL OR GAS SANDS OR ZONES

(C) you stop storing (C)

No. 1 from	to	No. 4 from	to
No. 2 from	to	No. 5 from	to
No. 3 from	to	No. 6 from	to

IMPORTANT WATER BANDS

to	from	to	from
Nov. 3,	Nov. 12,	Nov. 3,	Nov. 12,
Nov. 4,	Nov. 13,	Nov. 4,	Nov. 13,

CASING RECORD

Case	Perforation	Strata	Depth	Remarks	Remarks	Remarks	Remarks	Remarks	Remarks

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of recording, 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 disconnected, 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 pulling.

RECEIVED
OIL COM. CO.
JAN 10 1904

U.S. DEPARTMENT OF MINING, OFFICE OF OIL COM. CO.

MIDDLETOWN AND CEMENTING RECORD

[illegible]

4-1005 44-25014

Adapters--Material	Size
Leaving plug--Material	Length
	Diameter

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth classed out
12	12	12	12	12	12	12

TOOTS 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

ESTAD

Rock pressure lbs. per sq. in. _____
 11 gas well, out _____ per 24 hours _____
 emulsion; _____ % water; and _____ % sediment.
 The production for the first 24 hours was _____
 but to producing _____
 barrels of fluid of which _____ % was oil. _____
 Gravity. _____
 Gallons gasoline per 1,000 cu. ft. of gas _____
 (_____ in 100 parts of air.)

2377019ME

[illegible]

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued