

~~TOTAL~~ OIL CONT.
DIST. 3

COM. CO. 10
DIST. 3
RECEIVED
JUN 24 1957
UNITED STATES
DEPARTMENT OF
GEOLOGICAL
SURVEY
WASHINGTON, D. C.
FARMINGTON, N. H.

U.S. LAND OFFICE

SERIAL NUMBER **W-20-603-779**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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 L. B. Spencer

Commenced drilling May 12, 1957 Finished drilling May 15, 1957

OIL OR GAS SANDS OR ZONES

No. 1, from 2125 to 2170 G No. 4, from 2170 G to 2170 G

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	22.74	11	Amco	162	Single	10150	10150	10150	10150
5-1/2	14.7	11	Amco	243	Double	10150	10150	10150	10150
THE LOU CL. OF OIL CO. HAS BEEN 10150-5 0' B' COALBANK MINING OFFICE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	172	120	Halliburton 2	plug	
5-1/2	2240	180	Halliburton 2	plug	

MARK

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

Cable tools were used from _____ feet to 2240 feet, and from _____ feet to _____ feet

DATE: 11/11/1964

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, °Bé. _____

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

Rock pressure, lbs. per sq. in. 4,605

834 EMPLOYEES

_____, Driller _____, Driller _____

Bon Murray	Driller	J. F. Turnbow	Driller
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FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	1150	1150	Surface sand & shale & Animas shales.
1150	1280	130	Ojo Alamo sandstone
1280	1820	600	Kirtland & Farmington sands & shales
1880	2120	240	Fruitland - sands, shales & coals
2120	2240	120	Pictured Cliffs sandstone

TOP SECRET 08 072 MEET

SECRET

2. THE JIL INTERSECTION

ACKNOWLEDGMENTS

202.74 : 0.7 7198

EBOW-	LO-	LOLVF EEL [OVER]	ROBNATION	18-4309
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FORMATION RECORD—Continued

W. F. O'NEILL

MARK

NAME OF DISCOVERER	DATE OF DISCOVERY	LOCATION OF WELL	DEPTH OF WELL	TYPE OF WELL	STATUS OF WELL
WELL NO.	DATE OF COMPLETION	NAME OF OPERATOR	NAME OF ENGINEER	NAME OF SURVEYOR	NAME OF RECORD
MIDDING AND CEMENTING RECORD					

HISTORY OF OIL OR GAS WELL

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 bailing.

This well was cased on 5/12/57 and on that day 3-5/8 casing was set at 172' with 120 sacks cement. After waiting on cement for 24 hours casing and water shut-off were tested with 500 pounds for 30 minutes with no drop in pressure.

No. 5' flow _____ No. 3' flow _____ No. 2' flow _____

On May 15, 1957, 5-1/2" casing was landed at 2240' and cemented with 120 sacks cement. After waiting on cement for 48 hours, casing and water shut-off were tested with 1000 pounds for 30 minutes with no drop in pressure.

No. 5' flow _____ No. 3' flow _____ No. 2' flow _____

Completion operations were begun.

No. 5' flow _____ No. 3' flow _____ No. 2' flow _____

This well was perforated with 4 shots per foot 2120-44 and 2 shots per foot 2160-70. These perforations were sand water fracked with 24,700 gallons water and 35,000 pounds sand. Formation broke at 2500 pounds pressure. Injection rate 45.1 BPM.

Oil OK Casing OK Zones OK

Preliminary test 4416 MCPS.

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

Date _____

Signed _____

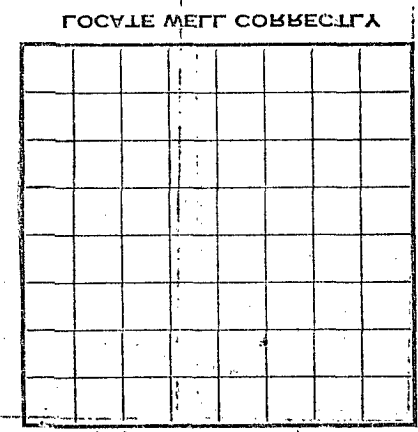
The information given hereafter is a complete and correct record of the well and all work done thereon.

Location _____ of _____ Line and _____ of _____ Elevation _____

Well No. _____ Section _____ Township _____ Range _____

Owner or Lessor _____

Company _____



LOC OF OIL OR GAS WELL

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MEXICO



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