

U. S. LAND OFFICE **New Mexico**

SERIAL NUMBER 02127-B

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

LOCATE WELL CORRECTLY

Company The Ohio Oil Company Address Box 2107, Hobbs, New Mexico
 Lessor or Tract Lea Unit Field Lea Bone Springs State New Mexico
 Well No. 2 Sec. 12 T. 20S R. 34E Meridian _____ County Lea
 Location 1980 ft. N of N Line and 1980 ft. E of W Line of Sec. 12 Elevation 3685' DR

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

Date April 25, 1961 Title Asst. Superintendent

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

Commenced drilling ----- 9-15 -----, 19 60. Finished drilling ----- 1-23 -----, 19 61.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9590 to 9620 No. 4, from _____ to _____
 No. 2, from 14387 to 14414 No. 5, from _____ to _____
 No. 3, from 14431 to 14461 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—	
13 3/8 14.48	82	ILN	Spring	11-05	Ordinary				Surface
8 1/2 14.48	82	ILN	Spring	11-05	Ordinary				Intermediate
7 1/2 14.48	82	ILN	Spring	11-05	Differential				Production
4 1/2 14.98	ILN		Spring	166	Type V				Prod. Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	851	600	2-Plug		
9 5/8	5006	3000	2-Stage		
7	11100	2050	2-Stage		
4 1/2	11119	125	1-Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 14.501 feet, and from _____ feet to _____ feet.

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

DATES

Put to producing 3-21-61 (Devonian)
3-22-61 (Bone Springs)

The production for the first 24 hours was 423 barrels of fluid of which 84% was oil; 0% emulsion; 10% water; and 0% 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. -----

EMPLOYEES

~~Great Western Drilling Co.~~, Driller , Driller

_____, Driller

FORMATION RECORD

[illegible]

FORMATION

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 "sidechecked" 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.