

[illegible]U. S. LAND OFFICE ----- ~~Las Cruces~~

SERIAL NUMBER 063550

LEASE OR PERMIT TO PROSPECT -----

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Buffalo Oil Company Address Artesia, New Mexico
Lessor or Tract Thos. S. Cox Field Young State New Mexico
Well No. 4 Sec. 17 T. 18 R. 32 Meridian NMPM County Lea
Location 460 ft. ^{N.} of S Line and 990 ft. ^{E.} of W Line of Sac. 17 Elevation 3747 Feet above sea level DF

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 Ralph L. Gray

Date August 26, 1955

Title D1st Supt

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

Commenced drilling January 18, 1955 Finished drilling Feb 1 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from Day Hoie to _____ 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 _____ 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"	24	8rd	J-55	348					Surface
5 1/2"	15.5#	8rd	J-55	3810			3738	3760	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	348	250			
5 1/2	3810	350 ex. 8% gel 100 ex neat			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from Surface feet to 3813 feet, and from _____ feet to _____ feet.

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

DATES

....., 19..... Put to producing, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in.

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	457		Surface sand & red bed
457	1115		Anhy & Red bed
1115	1592		Salt
1592	2145		Salt & Anhy
2145	3735		Lime and anhy
3735	3813		Lime and sand

(OVER)

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