

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 063559
LEASE OR PERMIT TO PROSPECT Lea.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Buffalo Oil Company Address Box 686, Artesia, N. M.
Lessor or Tract Thos. S. Cox Field Young State New Mexico
Well No. 3 Sec. 17 T. 18S R. 32E Meridian NMPM County Lea
Location 1650 ft. N. of S. Line and 1980 ft. E. of W. Line of Sec. 17 Elevation 3758

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 B. L. Vinson

Date January 10, 1955 Title Dist. Engr

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

Commenced drilling 12-14, 1954 Finished drilling 1-1, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3748 to 3768 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. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	347	250 sx	Pump & Plug	-	-
5 1/2	3808	350 sx 8% gel,	Pump & Plug	-	-
		100 sx Neat			

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
Sand fraced	10,000	gals	3748 - 3768	on January 6, 1955		

TOOLS USED

Rotary tools were used from surface feet to 3810 feet, and from _____ feet to _____ feet.

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

DATES

January 7	1955	Put to producing	January 7	1955
The production for the first 24 hours was	58	barrels of fluid of which	100	% was oil; %
emulsion; % water; and % sediment.		Gravity, °Bé.	38°	API
If gas well, cu. ft. per 24 hours		Gallons gasoline per 1,000 cu. ft. of gas		
Rock pressure, lbs. per sq. in.				

EMPLOYEES

Central Drilling Co., Driller , Driller
Midland, Texas , Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Sand & caliche
15	710	695	Red Beds & sand
710	1075	365	Red Beds
1075	2355	1280	Anhydrite & salt
2355	3371	1016	Lime & Anhydrite
3371	3720	349	Lime, silt & sand
3720	3768	48	Red sand, silt & anhydrite
3768	3810	42	Silt, shale & anhydrite

