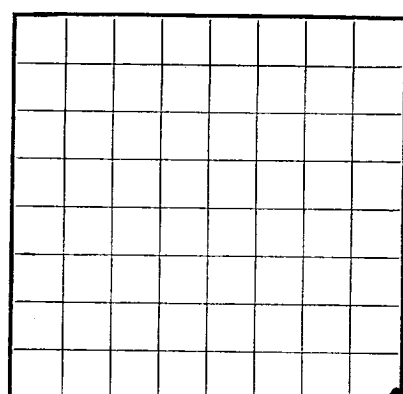


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029405-B**
LEASE OR PERMIT TO PROSPECT **Lease**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Buffalo Oil Company** Address **Box 265, Artesia, New Mexico**
Lessor or Tract **Wm. Mitchell B** Field **Maljamar** State **New Mexico**
Well No. **I.P. 12** Sec. **19** T. **17S** R. **32E** Meridian **N M P M** County **Lea**
Location **25** ft. **(N.)** of **S.** Line and **25** ft. **(XX)** of **E.** Line of **Sec. 19** Elevation **3936**
(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.

Signed **/S/ H. G. Ellis**Date **January 7, 1947**Title **Superintendent**

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

Commenced drilling **October 1**, 19 **46** Finished drilling **December 20**, 19 **46**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2985** to **3005** **G** No. 4, from **3710** to **3738**
No. 2, from **3255** to **3269** **G** No. 5, from **3765** to **3795**
No. 3, from **3663** to **3692** No. 6, from **3932** to **3958**

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	Perforated		Purpose
							From—	To—	
8-5/8	24	8	Seamless	742	Regular	None			Salt
7	20	8	Seamless	3628	Regular	Float collar			Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	735	65	Pump		10 Sacks Aquagel
7	3600	160	"		15 " "

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Not Shot						

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from **0** feet to **3986** feet, and from feet to feet

DATES

Put to producing **Not produced**, 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

Carper Drilling Co., Driller **W. E. Flemming**, Driller
H. B. Jenkins, Driller **J. W. Nellis**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Sand and Caliche
30	635	306	Red Beds
605	880	275	Anhydrite
880	1825	945	Salt
1825	2210	385	Anhydrite
2210	2220	10	Sand trace gas
2220	2985	765	Anhydrite. Show of gas at 2415-25
2985	3005	20	Red Sand
3005	3255	250	Lime and Anhydrite
3255	3269	14	Red Sand. Show Gas 524,00 cu. ft. gas from all above formations
3269	3350	81	Anhydrite
3350	3986	636	Lime

This well was drilled for a Repressuring Gas Injection Well and will not be produced.

