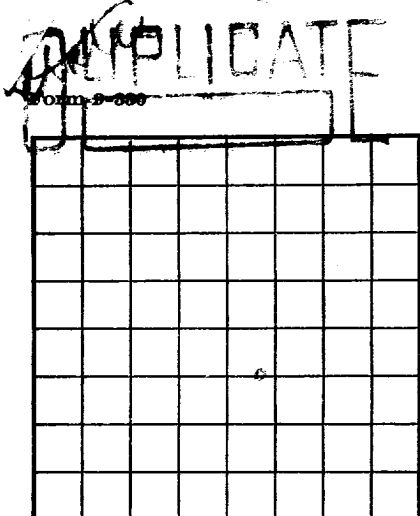




Bureau No. 42-R355.1.
Expires 11-30-49.

U. S. LAND OFFICE
SERIAL NUMBER
LEASE
OIL CONSERVATION COMMISSION
OFFICE

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 Wm. Mitchell R Field Maljamar-Paddock State New Mexico
Well No. 23-P Sec. 20 T. 17S R. 32E Meridian NMPN County Lea
Location 1900 ft. (N) of S Line and 2193 ft. (W) of E Line of Sec. 20 Elevation 3997
(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 [Signature]
Date August 26, 1950 Title Vice President

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

Commenced drilling July 15, 1950. Finished drilling August 24, 1950.

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from Show of oil to _____ No. 4, from _____ to _____
No. 2, from 5340 to 5350 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 5350 to 5359 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" 80' 13-3/8" 80'	60								
8-5/8" 2521'	125								

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8" 80'	60'		Pump		
8-5/8" 2521'	125' in 1st stage				
	115' in second stage at 795'				

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 5359 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

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. _____

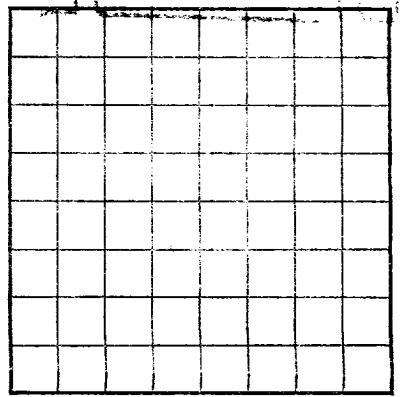
EMPLOYEES

W. A. Gackle Contracting Co Driller R. T. Hayalip, Driller
Fierce Driller C. C. Pate, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	80	80	Surface sand & Caliche
80	815	735	Red Red
815	1900	1085	Salt and Anhydrite
1900	3260	1360	Anhydrite
3260	3382	122	Anhydrite & Lime
3382	3422	40	Lime
3422	3477	55	Lime and Sand
3477	4566	1089	Lime
4566	4763	197	Lime & Chert
4763	5359	596	Lime

(OVER)



LOCATE WELL CORRECTLY

Commenced drilling _____, 19____ Finished drilling _____, 19____
The summary on this page is for the condition of the well at above date.

(Derote p. 14 G)

IMPORTANT WATER SANDS

NOTE WILL BE TEMPORARILY ABANDONED, PENDING
ADDITIONAL INFORMATION.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

RECORDS MANAGEMENT AND RETENTION

PLUGS AND ADAPTERS

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SECRET

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(over)