

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **62989 (A)**
LEASE OR PERMIT TO PROSPECT **Lease**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 (Box 666)**
Lessor or Tract **M. E. Baish (A)** Field **Baish** State **New Mexico**
Well No. **24-Y** Sec. **22** T. **17S** R. **22E** Meridian **NMPM** County **Lea**
Location **2310.332** of **N** Line and **550** ft. [E.] of **W** Line of **Section 22** Elevation **4011**
(Derives from 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 **H. Ellis**Date **July 25, 1952**Title **Vice President**

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

Commenced drilling **June 15,** 19 **52** Finished drilling **July 19,** 19 **52**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2324** to **2328** 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 **795** 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—	
10-3/4	40.5	1	5-40	14'	Collar	None			Conductor
8-5/8	32.1	1	5-40	224'	Collar	None			Save in hole
7"	28.0	1	5-40	224'	Collar	None			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	80'	95	Pump		None
8-5/8	871	None	Pump	25 sacks Aquagel mixed w/25 brl. oil	
7"	2300	125	Pump		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5-1/2"	T12	Nitroglycerin	20 lbs	7-20	2324 to 2334'	2351

TOOLS USED

Rotary tools were used from **2290** feet to **2351** feet, and from _____ feet to _____ feet
Cable tools were used from **2290** feet to **2320** feet, and from _____ feet to _____ feet

DATES

July 25, 19 **52** Put to producing **July 22,** 19 **52**

The production for the first 24 hours was _____ barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **42.4 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

Carper Drilling company, Driller **Beckman, Inc.**, Driller
George Tholman, Driller **Charles Ingram**, Driller

FORMATION RECORD **A. J. Fox**

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Surface sand and Caliche
20	60	60	Red Beds
60	120	120	Hard Gray Sand
120	160	160	Anhydrite
160	710	550	Red Beds
710	720	10	Water Sand
720	770	50	Red Beds
770	955	185	Anhydrite (Water at 795')
955	970	15	Red Beds and salt stringers
970	1005	35	Salt and Red Bed stringers
1005	1782	777	Salt
1782	1800	18	Anhydrite
1800	1960	160	Salt
1960	2120	160	Anhydrite
2120	2145	25	Anhydrite and Lime
2145	2155	10	Anhydrite
2155	2175	20	Red Beds and Anhydrite
2175	2324	149	Anhydrite
2324	2328	4	Oil Sand
2328	2334	6	Anhydrite w/streaks of sand
2334	2345	11	Anhydrite
2345	2351	6	Dolomite

2351 Total Depth

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CIT. DE C-2 SANDS OR COFFEE

Year	Month	Day	Time	Location	Remarks
1961	Jan	1	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	2	10:00	San Francisco	Left for Los Angeles
1961	Jan	3	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	4	10:00	San Francisco	Left for Los Angeles
1961	Jan	5	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	6	10:00	San Francisco	Left for Los Angeles
1961	Jan	7	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	8	10:00	San Francisco	Left for Los Angeles
1961	Jan	9	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	10	10:00	San Francisco	Left for Los Angeles
1961	Jan	11	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	12	10:00	San Francisco	Left for Los Angeles
1961	Jan	13	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	14	10:00	San Francisco	Left for Los Angeles
1961	Jan	15	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	16	10:00	San Francisco	Left for Los Angeles
1961	Jan	17	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	18	10:00	San Francisco	Left for Los Angeles
1961	Jan	19	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	20	10:00	San Francisco	Left for Los Angeles
1961	Jan	21	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	22	10:00	San Francisco	Left for Los Angeles
1961	Jan	23	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	24	10:00	San Francisco	Left for Los Angeles
1961	Jan	25	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	26	10:00	San Francisco	Left for Los Angeles
1961	Jan	27	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	28	10:00	San Francisco	Left for Los Angeles
1961	Jan	29	10:00	San Francisco	Arrived from Los Angeles
1961	Jan	30	10:00	San Francisco	Left for Los Angeles
1961	Jan	31	10:00	San Francisco	Arrived from Los Angeles

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1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reconditioning, 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 added, 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 pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

1-38067-91

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