

RECEIVED
JUN 30 1952
Oil Cons. Comm.
Artesia Office

Form 5-330

COPY TO O. C. C.

Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029509-A
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 M. E. Balsh "A" Field Balsh State New Mexico
Well No. 23-Y Sec. 21 T. 17 S. 32E Meridian NMPM County Lea
Location 2310 ft. ^[N.] of S Line and 330 ft. ^[EX] of E Line of Section 21 Elevation 4033
(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 A. J. Lewis

Date June 13, 1952 Title Vice President

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

Commenced drilling May 8, 1952 Finished drilling June 3, 1952

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

No. 1, from 2355 to 2360 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 705 to 720 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#	8rd	H-40	59'	Reg				Conductor
8 5/8	24	8rd	J-55	187'	all pulled				5000
7"	20	8rd	J-55	2292'	Texas S. Float Collar				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	65'	55	Pump		
8 5/8	875	None			
7"	2295	125	Pump		25 sacks aquagel

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
3 1/2	Tin	Nitroglycerin	40 qt	6-4	2365-2345	2390

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2390 feet, and from _____ feet to _____ feet

DATES

June 12, 1952 Put to producing June 11, 1952

The production for the first 24 hours was 29 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 41.9

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 C. W. Hammond, Driller
George Thalman, Driller Berents, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Surface sand
20	115	95	Red Bed
115	160	45	Sandy Shale
160	220	60	Red Bed
220	270	50	Blue Shale
270	435	65	Red Bed
435	480	45	Blue & Red Shale
480	655	175	Red Bed
655	770	115	Sandy Red Beds—Water at 705
770	805	35	Red Beds
805	948	143	Anhydrite
948	975	27	Red Beds
975	1000	25	Anhydrite
1000	1075	75	Salt
1075	1090	15	Anhydrite
1090	1807	717	Salt
1807	1815	8	Anhydrite
1815	1845	30	Broken anhydrite & Salt
1845	1978	133	Salt
1978	2060	82	Anhydrite
2060	2075	15	Salt
2075	2180	105	Anhydrite
2180	2260	80	Broken Anhydrite and Red Beds
2260	2355	95	Anhydrite
2355	2360	5	Sand

FROM—

TO—

TOTAL FEET

(OVER)

10-43024-2

FORMATION RECORD—CONTINUING

