

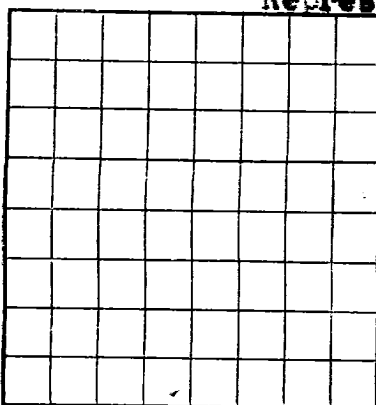
This well is a gas injection well
to be used in the Maljamar Cooperative
Repressuring Project as approved by
the U. S. G. S.

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 02509-B

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Buffalo Oil Company Address 203 Carper Bldg., Artesia, N. M.
Lessor or Tract Basin B Field Maljamar State New Mexico
Well No. 12-27 Sec. 22T 17B 32 Meridian NMPM County Lea
Location 25 ft. N. of S Line and 2615 E. of W. Line of Section 22 Elevation 3947'
(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

Max E. Curry
Title Dist. Eng.

Date Feb. 4, 1956

Title Dist. Eng.

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

Commenced drilling 7:00 AM 12/1, 19 55 Finished drilling Noon 12/16, 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3560 to 3606 No. 4, from 3757 to 3907
No. 2, from 3640 to 3675 No. 5, from 3833 to 3980
No. 3, from 3697 to 3754 No. 6, from 4026 to 4086

IMPORTANT WATER SANDS

No. 1, from _____ 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	24.7	8	J-55	191.0'	Plain	None			Surface
5 1/2	15.5	8	J-55	408.41'	Plain	None	4087	3937	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	143'	100	HOWCO		Cement circulated
5 1/2	4099'	710 sax	HOWCO		

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
		NONE				

TOOLS USED

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

DATES

_____, 19 56 Put to producing _____, 19 _____
January 18 The production for the first 24 hours was 227 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 33
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller R. E. Sullivan _____, Driller M. C. Neithardt
_____, Driller Geo. C. McDaniel _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	829	829	Sand and shale
829	1000	171	Anhydrite
1000	2005	1005	Salt and anhydrite
2005	2200	195	Anhydrite
2200	3506	306	Sand, anhydrite & dolomite
3506	3907	401	Dolomite, and sandy dolomite
3907	T.D. 4100	193	Dolomite

[illegible][illegible]

James B. Smith

It is of the greatest importance to have a complete history of the well. Please state in detail the date, fully, and if any casing was "sinkerhooked" 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-48034-97 U.S. GOVERNMENT PRINTING OFFICE

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