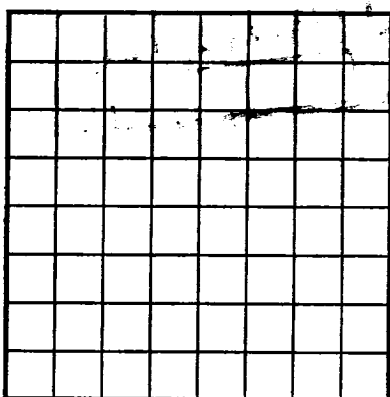
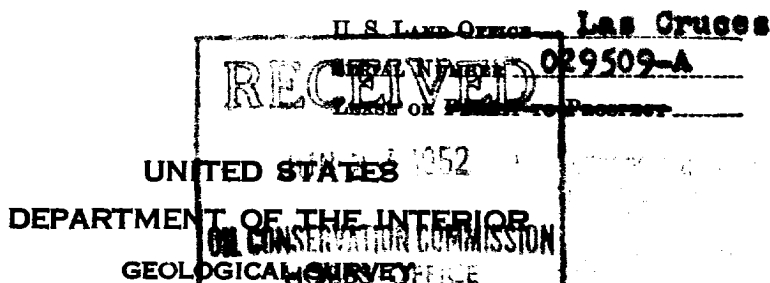


Form 9-380



LOCATE WELL CORRECTLY



LOG OF OIL OR GAS WELL

Company Buffalo Oil Company Address Artesia, New Mexico
Lessor or Tract M. E. Balish A Field Balish State New Mexico
Well No. 22-X Sec. 21 T. 17S R. 32E Meridian NMPM County Lea
Location 2310 ft. of N. of 8 Line and 1650 ft. of E. Line of Sec. 21 Elevation 4046 DF
(Denote gas by G)

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. E. AllenDate June 2, 1952 Title Vice President

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

Commenced drilling March 20, 1952 Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2361 to 66 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 738 to 745 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	Cuf and pulled from	Perforated		Purpose
							From—	To—	
10-3/4" OD	40.5	8 rd		60'	guide				Surface
8-5/8" OD	24.2	8 rd		871'	guide	871'			CAVE
7" OD	20.4	8 rd		2289'	float				Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	60'	62	pump		
8-5/8"	871'				3 sacks
7"	2289'	125	pump		

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"		nitroglycerine	20 qts	5-16	2358-68	2395

TOOLS USED

Rotary tools were used from 2325 feet to 2395 feet, and from _____ feet to _____ feet
Cable tools were used from surface feet to 2325 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 30, 1952

The production for the first 24 hours was 22 barrels of fluid of which 100 % 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. _____

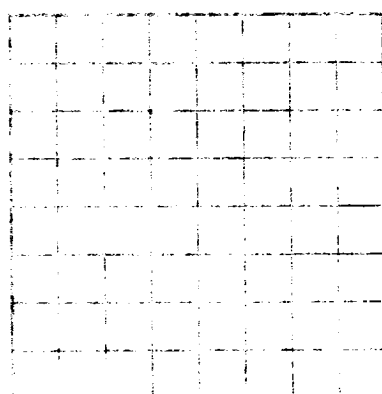
EMPLOYEES

Herant, Driller Thalman, Driller
xxxxx G. W. Hammond, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	30		Sand
30	160		Red bed
160	180		Blue shale
180	720		Red rock
720	745		Sand red bed - water
745	802		Red rock
802	835		Anhydrite
835	840		Red rock
840	930		Anhydrite
930	938		Red shale
938	950		Anhydrite
950	990		Anhydrite & red shale
990	1055		Salt
1055	1075		Anhydrite
1075	1820		Salt
1820	1830		Anhydrite
1830	1992		Salt
1992	2338		Anhydrite
2338	2361		Anhydrite w/streaks red shale
2361	2366		Oil sand
2366	2385		Anhydrite w/streaks grey shale
2385	2389		Lime
2389	2395		Grey shale

FORMATION RECORD—CONTINUED



LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

[illegible]

NO OR CASE MADE OR JOINED

Water cementing in other strings, a maximum reverse air
 0.1-ton rig was moved in. The formation was cored with a
 7-1/4" diamond bit from 2385-60 and 100% recovery was attained.
 Core #1 was 2388-60 anhydrite, and core #2, 2360-80, anhydrite
 dense silty sand, stained from 2349-50. Core #3, 2380-95,
 and red and grey shale. Good oil was found from 2361-66.
 Time was found from 2385-89. Anhydrite and water cementing

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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 "madedracked" 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 or balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]