

Form 9-330

U. S. LAND OFFICE Las CrucesSERIAL NUMBER 067610-A

LEASE OR PERMIT TO PROSPECT

Bosworth

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U. S. GEOLOGICAL SURVEY DEPARTMENT OF THE INTERIOR

ARTESIA NEW MEXICO

GEOLOGICAL SURVEY

JAN 26 1960

U. S. G.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company General American Oil Co. of Texas Address P. O. Box 416, Loco Hills, N. M.Lessor or Tract Bosworth Field High Lonesome State New MexicoWell No. 3 Sec. 14 T16-S R29-E Meridian N.M.P.M. County EddyLocation 990 ft. N. of S. Line and 2310 ft. E. of E. Line of Section 14 Elevation 3704 ft. (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 R. J. HeardDate January 14, 1960 Title District Superintendent

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

Commenced drilling November 24, 1959 Finished drilling December 17, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2039' to 2050' 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 1795' to 1816' 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"	32.75#	8rd	Used	364'	Regular	367'			Salt String
8 5/8"	28#	8rd	Used	1819'	Texas Pattern	1818'			Water String
7"	23#	8rd	Used	2027'	Guide				Production String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	367'	None	Obtained formation shut-off		
8 5/8"	1818'	None	Pump & Plug	Heavy	15 sacks Gel
7"	2029'	150	Pump & Plug	Heavy	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

STIMULATION

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		20% HCl	500 gals	12-18-59	2029'-2059'	
		Crude Oil	61,693 "	12-18-59	2029'-2059'	
		Ottawa Sand	233,000 #	12-18-59	2029'-2059'	

TOOLS USED

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

Cable tools were used from 0 feet to 2059 feet, and from _____ feet to _____ feet

DATES

January 14, 1960 Put to producing December 26, 1959The production for the first 24 hours was 168 barrels of fluid of which 100% was oil; 0% emulsion; _____% water; and 0% sediment. Gravity, API 35.0°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. T. Haney, Driller J. E. Wilcox, DrillerG. H. Harris, Driller J. G. Crow, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	6	6	Cellar
6	70	64	Red Shale
70	145	75	Gyp and Shale
145	238	93	Red Shale
238	297	59	Anhy
297	362	65	Anhy and Shale
362	395	33	Anhy
395	435	40	Red Shale
435	455	20	Anhy
455	870	415	Salt
870	894	24	Anhy and Shale
894	1030	136	Anhy
1030	1159	129	Anhy and Shale
1159	1549	390	Anhy
1549	1585	36	Anhy and Shale
1585	1597	12	Red Shale
1597	1774	177	Anhy
1774	1795	21	Anhy and Shale
1795	1816	21	Red Sand
1816	1846	30	Anhy
1846	1853	7	Anhy and Lime
1853	1870	17	Anhy
1870	1904	34	Anhy and Shale
1904	1940	36	Anhy
1940	1977	37	Anhy and Shale
1977	1994	17	Sandy Lime

(OVER)

16-43094-4

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 "sidetracked" 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

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FROM -	TO -	TOTAL FEET	FORMATION
1994 2025 2031	2025 2031 2059	31 6 28	Any Sandy lime Sand