

Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 064150
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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Boller & Nichols Address Maljamar, N.M.
Lessor or Tract _____ Field Maljamar State New Mexico
Well No. 4 Sec. 9 T. 17 R. 32 Meridian _____ County Lea
Location 660 ft. XX of S Line and 1980 ft. XX of E Line of S. 9-17-32 Elevation 4074
(Derriek 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 O. L. McLuthe
Date 11-6-59 Title Supt.

The summary on this 10-27 for the condition of the well at above date.Commenced drilling November 4, 1959 Finished drilling 10-27, 19 59OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3810 to 3820 No. 4, from _____ to _____
No. 2, from 3942 to 3962 No. 5, from _____ to _____
No. 3, from 4076 to 4094 No. 6, from _____ to _____

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"	292	175	Halliburton	12000	Fracture	3810	3820		Fracturing
5-1/2"	4125	150	"	10000	"	3942	3962		"
						4076	4094		"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	292	175	Halliburton		hole full
5-1/2"	4125	150	"		"

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
3810 to 3820	Could not break down					
3942 to 3962	12000 Frac Oil	22000 lbs. Frac Sand				
4076 to 4094	10000 Frac Oil	27000 lbs. Frac Sand				

TOOLS USED

Rotary tools were used from 0 feet to 4125 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 4, 19 59 Put to producing November 4, 19 59
The production for the first 24 hours was 312 barrels of fluid of which _____% was oil; 100%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. 34.4
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 _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1160	1160	Red bed & Gyp.
1160	2310	1150	Salt
2310	3742	1432	Anhy.
3742	3810	68	Gray Line
3810	3820	10	Oil Sand Dry & Tight
3820	3942	122	Gray Line
3942	3962	20	Oil Sand
3962	4076	114	White Line
4076	4094	18	Oil Sand
4094	4125	31	Gray Line

FROM—

TO—

TOTAL FEET

FORMATION

FORMATION RECORD—Continued

