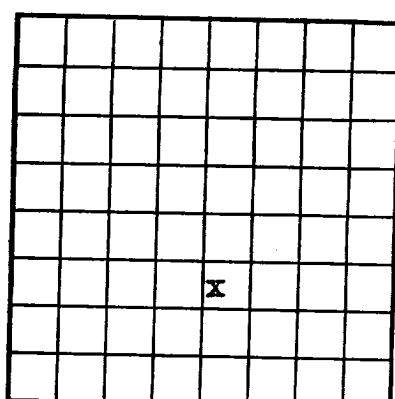


U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 028936 D

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

Company ROLAND RICH WOOLLEY Address Box 398, Loco Hills
Lessor or Tract Roland Rich Woolley Field Loco Hills State New Mexico
Well No. 2-D Sec. 31 T. 17 R. 30 Meridian N.M.P.M. County Eddy
Location 1650ft. { N } of S Line and 2510 { 45 } of E Line of Sec. 31 Elevation _____

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 J. F. Brooker

Date _____ Title Superintendent

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

Commenced drilling September 12, 1939 Finished drilling October 22, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1845! to 1850! No. 4. from to

No. 2, from 1930' to 1940' No. 5 from to

No. 3, from 2836' to 2855'

IMPORTANT WATER SANDS

No. 1, from 315' to 325' No. 3, from _____ to _____

No. 2, 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" n	24#	8	Matl.	630'	Bag-				
7" n	20#	8	Beth.	2890'	Plog-				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 $\frac{1}{4}$ "	630'	50	Halliburton	heavy	top to bottom
7"	2690' 9"	100	"	"	" " "

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material	Size
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SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Glycerine	100qts.	10/23	2836'-55'	2855'

TOOLS USED

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

Cable tools were used from 0 feet to 2855' feet, and from _____ feet to _____ feet.

DATES

	19	Put to producing October 50	19
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The production for the first 24 hours was 200 barrels of fluid of which 100 gal was oil.

emulsion: ----- % water and ----- % sediment.		Gravity, °Bé -----
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If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1 000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

P.F. Johnson, Driller H.C. Adams, Driller

Mr. A. Lapsley, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	55	55	Gyp and red bed
55	200	145	Red bed
200	245	45	" " and gravel
245	315	70	Gyp
315	350	35	" ,red bed and gravel
350	500	150	" " "
500	510	10	Red bed
510	765	255	Salt
765	830	65	Red salt
830	880	50	Salt and gyp
880	915	35	"
915	1000	85	" and gyp
1000	1090	90	"
1090	1120	30	" and small breaks of anhydrite
1120	1540	420	Anhydrite
1540	1610	70	" and shale
1610	2320	710	"
2320	2365	45	Red sand
2365	2655	290	Anhydrite
2655	2670	15	Grey lime
2670	2680	10	Red sand
2680	2690	10	Grey sandy lime
2690	2705	15	Broken red sand and brown lime
2705	2707	2	Sandy brown lime
2707	2772	65	Grey lime
2772	2777	5	Sandy lime
2777	2818	41	Grey lime
2818	2829	11	Sandy lime
2829	2856	27	Sand and lime
2856	2855	12	Oil sand total 12 ft

FORMATION RECORD Continued

16—43094-2