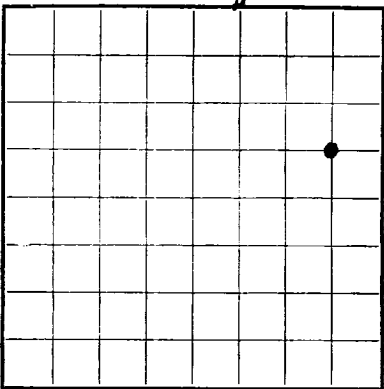


Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 62486
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company John M. Rigg Address 705 Sherst Drive SE Albuquerque, New Mexico
Lessor or Tract Field Tricke, Susan State New Mexico
Well No. 3-4 Sec. 9 T. 14S R. 31E Meridian N. T. P. S. County Chaves
Location 1980 ft. N. of N. Line and 66 ft. E. of W. of Line of Section 9 Elevation 4205
(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 John M. Rigg
Date November 30, 1954 Title Owner

The summary on this page is for the condition of the well at above date.
Commenced drilling October 22, 1954 Finished drilling November 19, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2612 to 2833 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 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—	
13 3/8	114		Spiral weld 120	1160	Texas Pattern				
8 5/8	24		J-55	1160	Texas Pattern (pulled)				
5 1/2	114		2808		Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	120	50			
5 1/2	2808	100			

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

TOOLS USED

Rotary tools were used from 0 feet to 1160 feet, and from feet to feet
Cable tools were used from 1160 feet to 2833 feet, and from feet to feet

DATES

November 30, 1954 Put to producing November 19, 1954
The production for the first 24 hours was 120 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

Walter Dyer, Driller Harry Keifer, Jr., Driller
J. C. Mogens, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100		sand and red bed
100	700		bed bed
700	1145		bed bed and sand
1145	1270		Anhydrite and red shale
1270	1800		salt
1800	2040		Anhydrite, salt and red shale
2040	2110		sand
2110	2175		red shale and anhydrite
2175	2350		Anhydrite and red shale
2350	2620		anhydrite, salt and red shale
2620	2660		sand, anhydrite and red shale
2660	2675		salt
2675	2790		Anhydrite, red and grey shale
2790	2800		sand and anhydrite
2800	2808		Anhydrite and red shale
2808	2812		Anhydrite
2812	2833		sand
2833			Total depth

A blank sheet of white paper with a light gray grid pattern. The grid consists of small squares, typical of graph paper used for mathematics or engineering. There are no markings, text, or drawings on the page.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20246

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

[illegible][illegible]

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

[illegible][illegible][illegible]

1. The first group of people who were used in the experiments were the "control" group. They were given the same treatment as the other groups, but they were not given any of the experimental treatments. They were used to provide a baseline for comparison with the other groups.

[illegible]

	D. E. G.		
	D. E. G.		

[illegible]