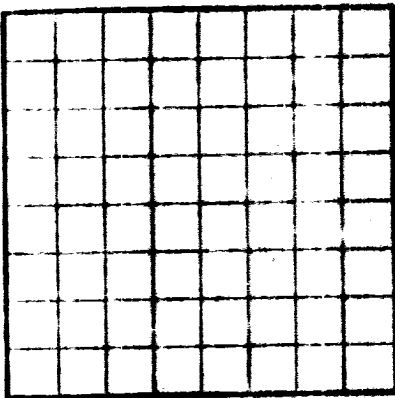


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **685797**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Hall E. Hills et al Address Box 512 - Carlsbad, N. M.
Lessor or Tract Hills Field Russell State New Mexico
Well No. 22 Sec. 36 T. 36N R. 20E Meridian N.M.P.M. County Santa Fe
Location SE 1/4 of N. 1/2 of E. 1/4 of Sec. 36 of N. 1/2 Line of Range 20 Elevation 3825 appx

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

Date February 7, 1957

Title Owner

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

Commenced drilling January 22, 1957 Finished drilling February 5, 1957

OIL OR GAS SANDS OR ROCKS
(Specify size by #)

No. 1, from 245 to 24 No. 4, from
No. 2, from to No. 5, from
No. 3, from to No. 6, from

IMPORTANT WATER SAND

No. 1, from 245 to No. 2, from to
No. 2, from to No. 4, from to

CASING RECORD

Casing	Weight per foot	Threads per foot	Date	Amount	Kind of steel	Casing production	Production		Purpose
							Barrel	Day	
7" 29	29	8	1957	100	Steel				Tie in

MEASUREMENTS AND CALCULATIONS

Casing	Weight	Number of joints of casing	Length of joint	Spot quality	Amount of steel used
7" 29	29	10	100	Good	
4 1/2" 29	29	100	100	Good	

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

ILLEGIBLE

1941. 10. 10

1941. 10. 10

1941. 10. 10

1941. 10. 10

1941. 10. 10

1941. 10. 10

1941. 10. 10

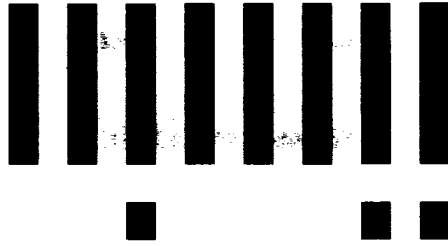
1941. 10. 10

1941. 10. 10

1941. 10. 10

1941. 10. 10

1941. 10. 10



LTR



Job separation sheet

884

100 100

Denton

TOOLS AND ADAPTERS

Heaving plug Material

Length

Depth set

Adapters Material

Size

SHOOT RECORD

Shot	Shot size	Depth set	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 884 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing 19

The production for the first 24 hours was barrels of fluid of which % was oil; %
 simulator % water, and % sediment. Gravity, 86.

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

Rock pressure lbs. per sq. ft.

EMPLOYEES

W. B. Wilson, Driller

T. A. Tudor, Driller

W. B. Wilson, Driller

Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	350	350	Red beds & sand
350	490	140	Oyp & Anhydrite
490	632	142	Salt
632	816	184	Anhydrite & lime
816	818	2	Sandy shale
818	823	5	Anhydrite
823	833	10	Anhydrite & shale
833	839	6	Gray shaly sand
839	941	2	White lime
941	968	27	Sand - oil 848-863
968	971	3	White Dolomite
971	977	6	Gray shaly sand
977	981	4	White Dolomite
981	984	3	Light brown sand
			T.B. 884

ILLECIBLE

FORMATION RECORD—Continued

1940

1940

1940

1940

1940

1940

1940

1940

1940