

New Mexico

U. S. LAND OFFICE

05407-C

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

OLEN F. FEATHERSTONE

Company c/o Juanita Denton, Artesia, N.M.

Lessor or Tract Betty Crosby

Address Undesignated

Field NMPM State New Mexico

Well No. 660 Sec. 5 T. 16S R. 30E Meridian County Eddy

Location ft. N. of Line and ft. E. of Line of Sec. 5 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

Date May 27, 1957

Title Agent

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

Commenced drilling May 1, 1957 Finished drilling May 8, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2734 to 2752 No. 4, from to

No. 2, from 2772 to 2776 No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 2007 to 2020 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	20	8	New	510	Texas Pattern				
5-1/2	14	8	New	2787	Denton				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	510	75	Denton		
5-1/2	2787	100	Denton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

Sandfracture RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sandfractured 2734-2752 with 30,000 gallons oil and 45,000 lbs sand.						

TOOLS USED

Rotary tools were used from 0 feet to 2800 feet, and from feet to feet

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

DATES

May 27, 1957 Put to producing May 13, 1957

The production for the first 24 hours was barrels of fluid of which % 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

B. D. Crismon, Driller P. J. Carre, Driller

W. I. Trembley, Jr., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	58		Sand, caliche, red bed
158	310		Red bed with streaks sand
310	520		Red bed and anhydrite
520	790		Salt
790	1320		Salt & anhydrite
1320	1675		Anhydrite w/streaks salt & red bed
1675	2007		Anhydrite
2007	2020		Red sand (top of water)
2020	2115		Red sand & anhydrite
2115	2228		Anhydrite w/streaks gypsum & red bed
2228	2300		Anhydrite & lime shells
2300	2500		Anhydrite & lime streaks
2500	2730		Lime
2730	2737		Lime & sand
2737	2764		Pay sand
2764	2800		Lime
	2800		Total Depth.

(OVER)

FORMATION RECORD—Continued

10-43094-1

