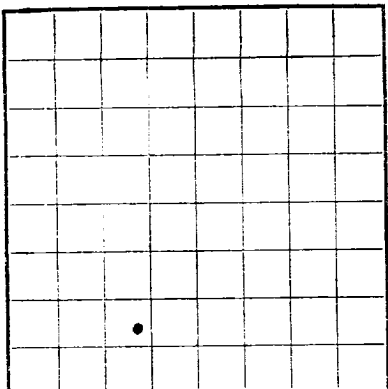


UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY
 Bill Roden

Box 767, Midland, Texas

Company Federal-Reid Address Wildcat New Mexico

Lessor or Tract 1 24 8-S 36-E Field 104PH State Roosevelt

Well No. 660 Sec. 24 T. S. R. 36-E Meridian 104PH County Roosevelt

Location 660 of S Line and 1980 ft. of W Line of Sec. 24 Elevation 4031
 (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 [Signature] Title Agent

Date May 6, 1960

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

Commenced drilling January 9 60 Finished drilling March 10 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9708 to 9735 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 212 to 397 No. 3, from 505 to 620
 No. 2, from 450 to 490 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	40	4	H-40	393	Teens	0	0	0	Surface
8-5/8	41.84	4	1-51	1181	1-51	393	393	393	1-51
5 1/2	16.5-27	4	975	9781	104PH	1181	1181	1181	Oil str.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	393	350 sx	Pump	9.1	None
8-5/8	4184	1200 sx	Pump	9.2	2200-0
5 1/2	9781	200 sx	Pump	9.7	3450-0

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 9770 feet, and from feet to feet

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

DATES

Put to producing Dry & Abandoned 19

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

Raymond Cosley, Driller R.L. Sizemore, Driller

J. E. Blackburn, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1420	1420	Surf. sh., sand, anhy.
1420	1620	200	Shale & anhy.
1620	3987	2367	Top San Andres 3987, shale & dolomite
3987	5557	1570	Top Glorieta, shale & dolomite
5557	6968	1411	Top Tubb, shale & lime
6968	7782	814	Top Abo, shale & lime
7782	9040	1258	Top Wolfcamp, shale & lime
9040	9770	730	Shale & lime
			Top Bough "A" - 9637 Top Bough "B" - 9670 Top Bough "C" - 9708

