



COPY TO O. C. HOBBS

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **NM - 04385**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Great Western Drilling Company** Address **Box 1659, Midland, Texas**
Lessor or Tract **Federal-Hinkle** Field **Drickey Queen** State **New Mexico**
Well No. **1** Sec. **27** T. **13S** R. **31E** Meridian **NMPM** County **Chaves**
Location **660** ft. ^{N.} of **S** Line and **660** ft. ^{E.} of **E** Line of **Sec. 27** Elevation **4424**
(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 **M. B. Wilson**
Date **April 29, 1955** Title **Chief Petroleum Engineer**

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

Commenced drilling **April 9**, 19**55** Finished drilling **April 21**, 19**55**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3025** to **3037** 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 **None** 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	
8 5/8"	24#	8	Lone Star	315'	Belled	-	-	-	Surface
5 1/2"	14#	8	Star	3025'	Float	-	-	-	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	326'	200	Pump & Plug	-	-
5 1/2"	3025'	200	Pump & Plug	-	-

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
None						

TOOLS USED

Rotary tools were used from _____ feet to **3025** feet, and from _____ feet to _____ feet
Cable tools were used from **3025** feet to **3037** feet, and from _____ feet to _____ feet

DATES

April 29, 19**55** Put to producing **April 27**, 19**55**

The production for the first 24 hours was **88.32** barrels of fluid of which **100**% was oil; **0**% emulsion; **0**% water; and **0**% sediment. Gravity, °Bé. **36**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. P. Boyd, Driller **Tommie Moore**, Driller
Jack Gwinn, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	300'	300	Caliche, surface sands & red beds
300'	1430'	1130	Red beds
1430'	1507'	77	Anhy. & red beds
1507'	2166'	659	Salt, red beds & anhy.
2166'	2277'	111	Shale & anhy.
2277'	2412'	135	Sand
2412'	3025'	613	Sand, shale & anhy.
3025'	3037'		

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3000	3000	0	
2995	2995	5	
2990	2990	10	
2985	2985	15	
2980	2980	20	
2975	2975	25	
2970	2970	30	
2965	2965	35	
2960	2960	40	
2955	2955	45	
2950	2950	50	
2945	2945	55	
2940	2940	60	
2935	2935	65	
2930	2930	70	
2925	2925	75	
2920	2920	80	
2915	2915	85	
2910	2910	90	
2905	2905	95	
2900	2900	100	
2895	2895	105	
2890	2890	110	
2885	2885	115	
2880	2880	120	
2875	2875	125	
2870	2870	130	
2865	2865	135	
2860	2860	140	
2855	2855	145	
2850	2850	150	
2845	2845	155	
2840	2840	160	
2835	2835	165	
2830	2830	170	
2825	2825	175	
2820	2820	180	
2815	2815	185	
2810	2810	190	
2805	2805	195	
2800	2800	200	

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HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

After setting 3 1/2" casing w/rotary, cable tools were moved in. After testing for water the hole was drilled to 3037'. The well swabbed 4 bbls/hr. natural. Tubing was run and a pumping unit was installed.

10' 8" w/ 3037'

THE OIL FIELD OF THE AREA

DEVELOPMENT OF THE OIL FIELD

FIELD PRODUCTION