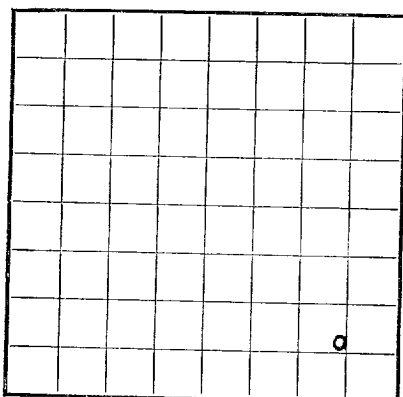


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER NM -04385  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

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. WilsonDate 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, 1955 Finished drilling April 21, 1955

## 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"	21#	8	Lone Star 315'		Belled	-	-	-	Surface Production
5 1/2"	11#	8	Lone Star 3019'		Float	-	-	-	

## 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 0 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, 1955 \_\_\_\_\_ Put to producing \_\_\_\_\_ April 27, 1955 \_\_\_\_\_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 \_\_\_\_\_ Tomale 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'	277'	111	Shale & Anhy.
2277'	2412'	135	Sand
2412'	3025'	613	Sand, shale & anhy.
3025'	3037'	12	Sand
Formation Tops			
			Top Anhydrite 1430'
			Top Salt 1507'
			Base Salt 2166'
			Top Yates 2277'
			Top 7 Rivers 2412'
			Top Queen 3025'

## FORMATION RECORD—Continued

[illegible]

## HISTORY OF OIL OR GAS WELL

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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 5 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.