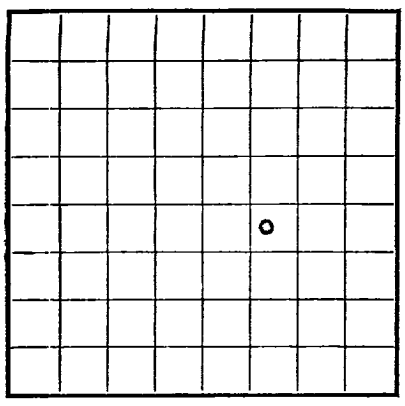
Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Form 9-330

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 Caprock Queen State New Mexico

Well No. 3 Sec. 27 T. 13S R. 31E Meridian NMPM County Chaves

Location 2310 ft. {N. / S.} of S Line and 1650 ft. {E. / W.} of E Line of Sec. 27 Elevation 4416.5'
(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 November 25, 1955 Title Chief Petroleum Engineer

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

Commenced drilling November 13, 1955 Finished drilling November 22, 1955

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3022' to 3028 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 From—	Perforated To—	Purpose
8 5/8"	24#	8	Nat'l	262'	Guide	-	-	-	Surface
5 1/2"	14#	8	Nat'l	3014'	Guide	2165'	2980'	3020'	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	262'	200	Pump & Plug	-	-
5 1/2"	3020'	100	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
Not treated.						

TOOLS USED

Rotary tools were used from 0 feet to 3022 feet, and from ____ feet to ____ feet

Cable tools were used from 3022 feet to 3028 feet, and from ____ feet to ____ feet

DATES

November 25, 1955 Put to producing November 23, 1955

The production for the first 24 hours was 332 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 35

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
0	280	280	Surface Sand & Caliche
200	1440		Red Beds, Shale
1440	1550		Anhydrite & Shale
1550	2170		Salt, Anhydrite
2170	2280		Shale, Anhydrite
2280	2390		Sand, Shale
2390	3022		Sand, Shale, Lime Stringers
3022	3028		Sand

FORMATION TOPS

Top Anhydrite	1440'
Top Salt	1550'
Base Salt	2170'
Top Yates	2280'
Top Seven Rivers	2390'
Top Queen	3022'

[OVER]

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

If 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.

Cable tools drilled 6 feet of pay formation and well came in natural.

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