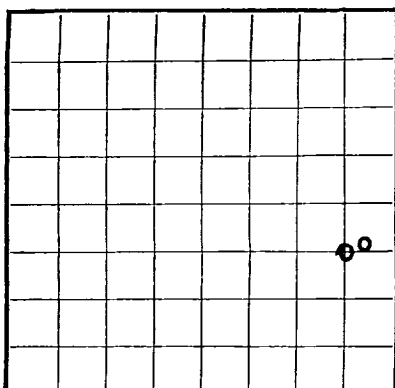


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER NM 04385
LEASE OR PERMIT TO PROSPECT



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. 2 Sec. 27 T. 13S R. 31E Meridian NMPM County Chaves
Location 1980 ft. N. of S. Line and 660 ft. E. of W. of E. Line of Sec. 27 Elevation 4421 ft.
(Derive from plate)

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.

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 16 -----, 19-55 Finished drilling ----- April 27 -----, 19-55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3027 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		Purpose
							From—	To—	
8 5/8 2 1/4	8	8	Long Star 317	317	Belled				Surface
5 1/8 1 1/4	8	8	Long Star 317	317	Belled				Surface
HISTORIA OF OIL OK CVS MARIT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	327	200	Pump & Plug	-	-
5 1/2	3027	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 3027 feet, and from _____ feet to _____ feet.

Cable tools were used from 3027 feet to 3028 feet, and from _____ feet to _____ feet.

DATES

----- **April 29, 1955** ----- Put to producing ----- **April 28, 1955** -----

The production for the first 24 hours was 464 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

<u>H. P. Boyd</u>	Driller	<u>Tommy Moore</u>	Driller
<u>Jack Gwinn</u>	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	Surface sand & caliche
300	1143	1143	Red beds, shale
1143	1505	62	Anhy. & shale
1505	2148	643	Salt, Anhy.
2148	2274	126	Shale, Anhy,
2274	2406	132	Sand, Shale
2406	3027	621	Sand, Shale, Lime Stringers
3027	3028	1	Sand
<u>Formation Tops</u>			
			Top Anhydrite 1143
			Top Salt 1505
			Base Salt 2148
			Top Yates 2274
			Top 7 Rivers 2406
			Top Queen 3027

