

at Bureau No. 42-R355.4.
Approval expires 12-31-60.

HOBBS

U S LAND OFFICE

SERIAL NUMBER

NM-01917

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

1012 SEP 11 AM 7 ~~55~~

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY:

Company Gulf Oil Corporation Address P. O. Box 980, Kermit, Texas

Lessor or Tract Federal Hanagan "D" Field Double "X" (Delaware) State New Mexico

Well No. 2 Sec. 11 T. 24S R. 32E Meridian NMPM County Lea

Location 1980 ft. N. of S Line and 1980 ft. E. of E Line of 11-24S-32E Elevation 3635.1
(Derrick floor relative to sea level)

Location 1900 ft. [8] of 3 Line and 2 ft. [W] of 2 (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 _____ BY W. W. WHITAKER
ORIGINAL SIGNED

Date September 5, 1962 Title Area Engineer

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

Commenced drilling July 22, 1962 Finished drilling July 31, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4954 to _____ 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 _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

CASING RECORD							Perforated		Purpose
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	
2-5/8	36	8-rod	J-55	900'	Paterson Hole				
5-1/2	45.5	8-rod	J-55	1000'	Paterson Hole				
6-1/2	60	8-rod	J-55	1000'	Paterson Hole				
THE LOSS OF GIP OR CVP DUE TO									

MUDDING AND CEMENTING RECORD

MUDDING AND CEMENTING					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2-5/8	342	125	P&P		
5-1/2	4960	450	P&P		

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----
Adapters—Material ----- Size -----

SHOOTING RECORD

SHOOTING RECORD						
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 4962 feet, and from _____ feet to _____ feet

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

DATES

DATE		August 11	
-----, 19-----	Put to producing	-----, 19-----	62
The production for the first 24 hours was	73	barrels of fluid of which	98 % was oil; ----- %
emulsion; 2 % 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

EMPLOYEES

_____, Driller _____, Driller	_____, Driller _____, Driller
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FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	11	11	Derrick Floor to ground
	540	529	Caliche & Surface Sand
	1160	620	Red Beds
	1400	240	Anhydrite
	3370	1970	Salt
	4902	1532	Anhydrite & Salt
	4947	45	Lime & Shale
	4962	15	Sand
			4960' Plug Back Depth
			1160' Top Rustler
			3370' Base Salt
			4902' Top Delaware
			Tops from electric log

[OVER]

FORMATION RECORD - CONTINUED

1A-48094-4

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500 5TH AVENUE
NEW YORK 17, N.Y.

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.

Depth	Interval	Amount	Kind of loss	From	To	Remarks

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD—Continued