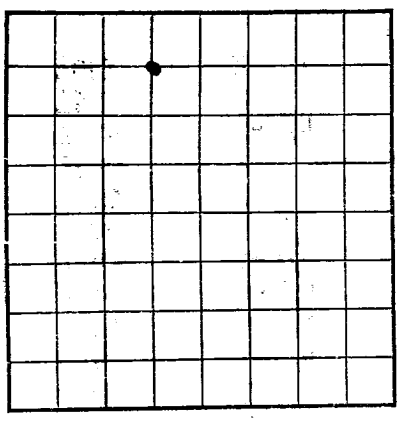
Bureau No. 42-R355.1.
expires 11-30-49.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030187
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address Hobbs, New Mexico
Lessor or Tract Lanmyon Field Undesignated State New Mexico
Well No. 11 Sec. 27 T. 23S R. 37E Meridian NMPM County Lea
Location 660 ft. {N.} of N Line and 1980 ft. {E.} of W Line of Section 27 Elevation 3292
(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 E. J. Gallagher
Title District Superintendent

Date March 9, 1950

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

Commenced drilling November 6, 1949 Finished drilling February 19, 1950

OIL OR GAS SANDS OR ZONES

(Dense gas by G)

No. 1, from 9700 to 9750 No. 4, from ____ to ____
No. 2, from 9230 to 9400 No. 5, from ____ to ____
No. 3, from 3250 to 3500 (G) No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from (Rotary Tools) 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
13-3/8"	48#	8 Rd.	SS	278'					
9-5/8"	36#	8 Rd.	BS	2834'					
7"	29,26,23#	8 Rd.	SS	9829'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	296'	300	HOWCO		
9-5/8"	2900'	1625	HOWCO		
7"	9843'	975	HOWCO		

MARK

FOLD

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 9844' feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

____, 19____ Put to producing February 19, 1950

The production for the first 24 hours was 165 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. API 45.0

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Parker Drilling Company, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	76		Caliche and Sand
	175		Sand and Shells
	205		Red Bed
	263		Red Rock
	302		Red Bed
	685		Red Bed
	815		Red Rock and Gypsum
	989		Red Rock, Shale, and Shells
	1025		Red Bed
	1105		Anhydrite and Red Bed
	1243		Anhydrite and Shale Streaks
	1429		Anhydrite, Salt, and Red Bed
	1670		Anhydrite and Salt
	1796		Anhydrite and Shale Streaks
	1991		Anhydrite, Salt, Red Rock, and Gypsum
	2155		Anhydrite and Salt
	2295		Anhydrite and Salt
	2350		Anhydrite and Salt Streaks
	2362		Anhydrite and Lime
	2424		Anhydrite, Gypsum and Lime
	2479		Anhydrite, Lime, and Gypsum
	2491		Anhydrite, Lime, and Gypsum
	2514		Anhydrite and Lime
	2570		Anhydrite and Lime
	2626		Anhydrite, Lime, and Red Rock Streaks
	2675		Anhydrite and Lime

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2675	2892		Anhydrite and Lime
	8289		Lime
	8300		Lime and Chert
	8333		Lime
	8342		Chert
	8353		Lime and Chert
	8557		Lime
	8598		Lime and Chert
	8603		Chert
	8651		Lime and Chert
	8685		Lime and Hard
	8818		Lime and Chert
	8923		Lime
	8947		Lime and Shale
	9163		Shale and Lime
	9206		Shale
	9241		Shale and Lime
	9255		Sand and Shale
	9 314		Shale and Sand
	9421		Shale and Sand
	9447		Shale
	9468		Shale and Sand
	9487		Shale
	9509		Shale and Sand
	9558		Shale and Lime
	9560		Sand and Shale
	9580		Shale
	9601		Shale and Sand Streaks
	9622		Lime and Shale
	9626		Lime and Shale
	9649		Lime and Shale Lime
	9660		Shaley Lime
	9688		Lime and Shale
	9704		Lime
	9721		Lime
	9727		Ellenberger
	9844		Ellenberger

FORMATION TOPS

Anhydrite	1030
Top Salt	1110
Base Salt	2360
Yates	2550
San Andres	3840
Glorieta	4960
Devonian	7185
Silurian	8280
Ordovician	8580
Oil Pay	9700 - 9750

HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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	ANGLE
490'	3/4 deg.
962	1/2
1429	1/4
1647	1
2075	1
2415	1
2481	1/2
2628	3/4
2767	1/4
2856	1/4
3104	1/2
3282	1
3514	3/4
3630	1/2
3806	1/2
4295	1/4
4514	1/4
4772	1
4852	1/2
5034	1/4
5274	1
5409	1
5574	1
5885	1/4
5988	1/2
6106	1/2
6206	1
6448	1
6609	1
6743	1-1/4
6867	1-1/4
7166	1-3/4
7245	1-3/4
7340	2-1/4
7385	2
7450	2
7515	2-3/4
7551	2
7641	2

DEPTH	ANGLE
7779'	1-3/4 deg.
7870	1-1/4
8055	1-3/4
8240	3
8270	3
8320	2-1/2
8333	2-3/4
8400	2-1/4
8575	2-1/4
8603	2-1/4
8630	2
8710	2-1/4
8738	2
8816	2-1/4
8875	2-1/4
9025	1-3/4
9095	1-3/4
9240	1-3/4
9313	1-1/2
9393	1-1/2
9468	1-1/2
9517	1-3/4
9558	1-3/4
9580	1-1/2
9660	1-3/4
9713	1-1/2