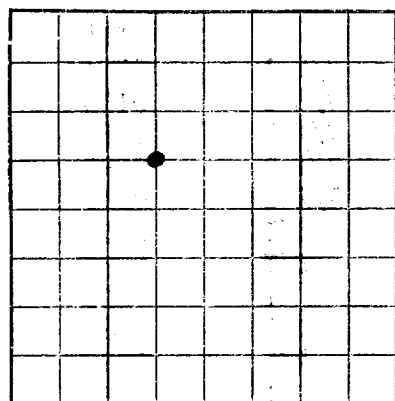


Form 9-330

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 030187

LEASE OR PERMIT TO PROSECU



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 Lahuyon Field Teague State New Mexico
Well No. 13 Sec. 27 T. 23S R. 37E Meridian NMPM County Lea
Location 1980ft. (N) of N Line and 1980ft. (E) of W Line of Section 27 Elevation 32961
(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 [Signature]

Date May 29, 1950 Title General Foreman

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

Commenced drilling February 23, 1950 Finished drilling May 27, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9224 to 9390 No. 4, from _____ to _____
No. 2, from 3150 to 3300 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from (Rotary Tools) 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	Pierced		Purpose
							From—	To—	
13 3/8"	48#	8 Rd.	SS	278					
9 5/8"	36#	8 Rd.	SS	2885					
7"	23, 26, 29#	8 Rd.	SS	9830					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	295	300	HOWCO		
9 5/8"	2900	1625	HOWCO		
7"	9844	975	HOWCO		

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 9850 feet, and from 9850 feet to 9850 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 27, 1950
The production for the first 24 hours was 195 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. API 46.0
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'	40		Sand and Caliche
	180		Shells
	268		Red Bed
	915		Red Bed
	1115		Potash and Anhydrite
	1337		Anhydrite, Red Bed, and Salt Streaks
	1610		Anhydrite and Salt
	2569		Anhydrite and Salt
	2870		Anhydrite and Lime
	2901		Lime
	8224		Lime
	8255		Lime and Chert Streaks
	8282		Lime and Chert
	8293		Lime and Chert
	8299		Chert
	8302		Lime, sand, and Chert
	8304		Lime, Sand and Chert
	8325		Lime
	8402		Lime
	3543		Lime
	8555		Lime and Chert
	8673		Lime
	8594		Lime and Chert
	8595		Lime, Sand, and Chert
	8631		Lime and Chert

FORMATION RECORD-Continued

FROM	TO	TOTAL FEET	FORMATION TOPS
8652	8687		Lime, Chert streaks
8687	8713		Lime, Chert streaks
8713	8867		Lime and Chert streaks
8867	8900		Lime and Shale
8900	8916		Lime and Shale streaks
8916	8959		Lime and Shale streaks
8959	8993		Lime
8993	9093		Lime and Shale
9093	9115		Shale and Lime
9115	9146		Shale and Lime streaks
9146	9195		Shale
9195	9220		Shale and Lime streaks
9220	9338		Shale, Sand, and Lime streaks
9338	9506		Shale
9506	9531		Shale
9531	9546		Shale and Lime streaks
9546	9558		Shale, Sand, and Lime streaks
9558	9579		Shale
9579	9627		Shale, Sand, and Lime streaks
9627	9683		Shale
9683	9690		Shale and Lime
9690	9702		Lime
9702	9850		Lime

1070	Anydrite
1200	Top Salt
2350	Base Salt
2550	Top Yates
3380	Top Queen
3846	Top San Andres
5030	Top Norleta
6410	Top Ordinar
7240	Top Devonian
8290	Top Silurian
8885	Top Simpson
8580	Top Ordovician
9687	Top Ellenburger
9224 - 9390	Oil Pay

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

16-43084-1

DEPTH ANGLE DEPTH ANGLE

975'	1 1/4°	7267'	1 3/4°
1900	1 1/2	7363	1
2110	2 1/8	7488	1/4
2121	3	7531	3/4
2150	2 3/4	7743	1 1/4
2180	2 1/4	7829	3/4
2330	2 3/4	7994	1 1/4
2379	3	8199	1
2407	2 1/4	8281	2
2474	2 1/2	8299	1 3/4
2646	1 1/2	8422	2 1/2
2832	1	8497	2 3/4
2900	1 1/2	8541	3 1/4
3167	1 3/4	8550	3
3360	1 3/4	8591	2 1/4
3506	1/4	8651	2 3/4
3569	1 1/4	8689	2 3/4
4066	1	8785	3
4371	3/4	8860	2 1/2
4518	1 1/4	8970	2 1/2
4844	1 1/4	9024	1/2
4842	1 1/4	9114	2 1/2
5249	3/4	9495	1
5438	1 1/4	9544	1 1/4
5633	1	9592	1 1/4
5800	3/4	9698	1 1/4