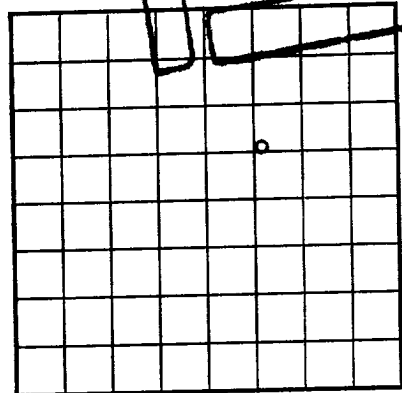
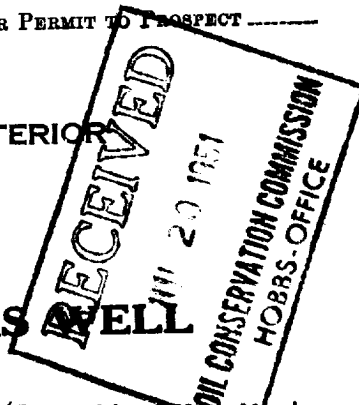




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

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

Company Gulf Oil Corporation Address P. O. Box 1667, Hobbs, New Mexico
Lessor or Tract C. E. LaMunyon Field Langlie-Mattix State New Mexico
Well No. 15 Sec. 29 T. 23S R. 37E Meridian NMPM County Lea
Location 1980 ft. N. of N. Line and 1980 ft. E. of E. Line of Section 29 Elevation 3304'
(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 /s/ C. F. Taylor
Date April 19, 1951 Title Area Prod. Supt.

The summary on this page is for the condition of the well at above date.
Commenced drilling January 27, 19 51 Finished drilling April 7, 19 51

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3510' to 3620' 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 (Cable Tools) 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—	
13 3/8"	48#	8Rt.	SS	298'					
7"	23#	8Rt.	SS	3461'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	303'	375	HOWCO		
7"	3463'	650	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
		SOWE #1	440 lbs.	3-30-51	3620-3510	TD 3620'

TOOLS USED

Rotary tools were used from 0 feet to 3620 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing April 7, 19 51
The production for the first 24 hours was 102 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, ~~XXX~~ API 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

McQueen & Stout _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	2' 6"		Floor to Surface
	6' 6"		Cellar
	12'		Caliche
	26'		Sand
	45'		Caliche
	78'		White Sand
	115'		Sand
	117'		Water & Sand
	123'		Quick Sand
	200'		Sand
	227'		Red Rock
	242'		Red Shale
	303'		Red Rock
	400'		Red Rock
	421'		Blue Shale
	425'		Red Rock
	470'		Red Rock & Blue Shale
	520'		Red Rock & Shale
	560'		Red Rock & Brown Shale
	570'		Red Rock
	578'		Blue Shale
	590'		Red Rock
	623'		Sand
	675'		Brown Shale
	696'		Sand
	709'		Water Sand

(OVER)

LOGGING RECORD

LOG OF OIL OR GAS WELL

depth'	angle
300	1/2
425	0
545	0
750	1/2
900	1/2
1000	1/2
1120	1 1/2
1200	1/2
1385	0
1525	0
1625	1/2
1725	1 1/2
1825	1/2
1925	1/2
2025	1/2
2125	0
2225	0
2325	1/2
2425	0
2525	0
2675	0
2975	0
3225	0
3425	0
3506	0

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

(Continued on Attached Sheet)

FORMATION	TOTAL FEET	TO-	FROM-
Sandy Shale	755'	770'	709'
Sand	770'	788'	
Sandy Shale	812'	826'	
Red Rock	826'	853'	
Water Sand	853'	862'	
Red Rock	862'	895'	
Blue Sandy Shale & Red Rock	895'	905'	
Red Rock	905'	1107'	
Red Water Sand	1107'	1121'	
Red Rock	1121'	1130'	
Anydrite	1130'	1150'	
Lime	1150'	1252'	
Anydrite	1252'	1407'	
Anydrite	1407'	1451'	
Red Rock & Salt	1451'	1485'	
Anydrite	1485'	1538'	
Red Rock & Salt	1538'	1555'	
Salt	1555'	1610'	
Anydrite	1610'	1625'	
Red Rock & Salt	1625'	1632'	
Anydrite	1632'	1651'	
Red Rock & Salt	1651'	1665'	
Salt	1665'	1675'	
Red Rock & Salt	1675'	1687'	
Red Rock	1687'	1762'	
Anydrite and Salt	1762'	1771'	
Red Rock & Salt	1771'	1809'	
Anydrite	1809'	1872'	
Salt	1872'	1881'	
Anydrite & Red Rock	1881'	1875'	
Salt	1875'	1900'	
Salt & Red Rock	1900'	2090'	
Anydrite	2090'	2185'	
Red Rock & Salt	2185'	2200'	
Anydrite	2200'	2230'	
Salt & Potash	2230'	2250'	
Anydrite	2250'	2342'	
Salt & Potash	2342'	2508'	
Anydrite	2508'	2530'	
Salt	2530'	2550'	
Anydrite	2550'	2622'	
Lime	2622'	2628'	
Anydrite	2628'	2661'	
Lime	2661'	2688'	
Lime & Anydrite Broken	2688'	2725'	
Anydrite & Shale	2725'	2826'	
Anydrite Broken	2826'	2834'	
Anydrite & Red Rock	2834'	2840'	
Anydrite	2840'	2891'	
Anydrite Broken	2891'	2900'	
Anydrite & Lime	2900'	2916'	
Anydrite	2916'	3275'	
Lime	3275'	3280'	
Brown Shale	3280'	3469'	
Lime	3469'	3477'	
Gas Sand	3477'	3510'	
Lime Hard	3510'	3529'	
Oil Sand & Lime Brown	3529'	3534'	
Sandy Lime	3534'	3547'	
Sand Oil - Gas	3547'	3552'	
Sandy Lime	3552'		