

LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078899**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AUG 15 1957

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company	Gulf Oil Corporation	Address	Production Department P. O. Box 2097, Denver, Colorado					
Lessor or Tract	Blackrock-Federal "B"	Field	Unnamed					
		State	New Mexico					
Well No.	2	Sec.	8					
		T.	26N					
		R.	11W					
		Meridian	NPM					
		County	San Juan					
Location	1980	ft. {N. } of S	Line and 1980	ft. {E. } of E	Line of	Section	Elevation	6213'
		{S. }		{W. }				

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 Lester L. Thompson

Date August 12, 1957 Title Ass't. Zone Prod. Supt.

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

Commenced drilling 7-16, 19 57 Finished drilling 7-31, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5122 to 5152 (O&G) No. 4, from 5365 to 5380 (O&G)
No. 2, from 5224 to 5260 (O&G) No. 5, from _____ to _____
No. 3, from 5309 to 5333 (O&G) No. 6, from _____ to _____

IMPORTANT WATER SAND

No. 1, from 150 to 581 No. 3, from 150 to 2500
No. 2, from 1590 to 1610 No. 4, from 300 to 3820

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	24	8PT	SS	299	Guide	-	-	-	Surface
5-1/2	20	8PT	SS	458	Open	1000	5281	5282	1000
2-1/4	10	8PT	SS	112	Open	1000	5283	5284	1000
2-1/4	10	8PT	SS	112	Open	1000	5285	5286	1000
2-1/4	10	8PT	SS	112	Open	1000	5287	5288	1000
2-1/4	10	8PT	SS	112	Open	1000	5289	5290	1000
2-1/4	10	8PT	SS	112	Open	1000	5291	5292	1000
2-1/4	10	8PT	SS	112	Open	1000	5293	5294	1000
2-1/4	10	8PT	SS	112	Open	1000	5295	5296	1000
2-1/4	10	8PT	SS	112	Open	1000	5297	5298	1000
2-1/4	10	8PT	SS	112	Open	1000	5299	5300	1000
2-1/4	10	8PT	SS	112	Open	1000	5301	5302	1000
2-1/4	10	8PT	SS	112	Open	1000	5303	5304	1000
2-1/4	10	8PT	SS	112	Open	1000	5305	5306	1000
2-1/4	10	8PT	SS	112	Open	1000	5307	5308	1000
2-1/4	10	8PT	SS	112	Open	1000	5309	5310	1000
2-1/4	10	8PT	SS	112	Open	1000	5311	5312	1000
2-1/4	10	8PT	SS	112	Open	1000	5313	5314	1000
2-1/4	10	8PT	SS	112	Open	1000	5315	5316	1000
2-1/4	10	8PT	SS	112	Open	1000	5317	5318	1000
2-1/4	10	8PT	SS	112	Open	1000	5319	5320	1000
2-1/4	10	8PT	SS	112	Open	1000	5321	5322	1000
2-1/4	10	8PT	SS	112	Open	1000	5323	5324	1000
2-1/4	10	8PT	SS	112	Open	1000	5325	5326	1000
2-1/4	10	8PT	SS	112	Open	1000	5327	5328	1000
2-1/4	10	8PT	SS	112	Open	1000	5329	5330	1000
2-1/4	10	8PT	SS	112	Open	1000	5331	5332	1000
2-1/4	10	8PT	SS	112	Open	1000	5333	5334	1000
2-1/4	10	8PT	SS	112	Open	1000	5335	5336	1000
2-1/4	10	8PT	SS	112	Open	1000	5337	5338	1000
2-1/4	10	8PT	SS	112	Open	1000	5339	5340	1000
2-1/4	10	8PT	SS	112	Open	1000	5341	5342	1000
2-1/4	10	8PT	SS	112	Open	1000	5343	5344	1000
2-1/4	10	8PT	SS	112	Open	1000	5345	5346	1000
2-1/4	10	8PT	SS	112	Open	1000	5347	5348	1000
2-1/4	10	8PT	SS	112	Open	1000	5349	5350	1000
2-1/4	10	8PT	SS	112	Open	1000	5351	5352	1000
2-1/4	10	8PT	SS	112	Open	1000	5353	5354	1000
2-1/4	10	8PT	SS	112	Open	1000	5355	5356	1000
2-1/4	10	8PT	SS	112	Open	1000	5357	5358	1000
2-1/4	10	8PT	SS	112	Open	1000	5359	5360	1000

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-5/8	307'	275	HOWCO	-	-
5-1/2	5163'	160	-	-	-

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED Pk with cement to 5/31

Rotary tools were used from surface _____ feet to 5470' _____ feet, and from _____ feet to _____ feet
Cable tools were used from completion _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing 8-10 1957

The production for the first 24 hours was 732 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 39 degrees

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

Rock pressure, lbs. per sq. in. _____ * through 3/4" choke.

EMPLOYEES		Flowing Pressure:
Arapahoe Drilling Company	Driller	avg 625 psi, tbg 150 psi
Signal Oil Field Service	Driller	

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	450	450	Shale with sand beds
450	583	133	Sand with some shale interbeds
583	1000	417	Interbedded shale, sand and silt
1000	1165	165	Shale with silt streaks
1165	1640	175	Interbedded shale and sand
1640	2415	775	Silty shale with silt streaks
2415	4260	1845	Interbedded shale, silt and sand
4260	5122	862	Silty shale with silt streaks
5122	TO	348	Interbedded sand and shale
E-Log Tops:			
	Pictured Cliffs	1537'	
	Lewis	1647'	
	Mesa Verde	2416'	
	Point Lookout	3972'	
	Manitou	4260'	
	1st Gallup	5100'	
	2nd Gallup	5216'	
	3rd Gallup	5344'	

[OVER]

16-43094-3

LOKVALION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
Core No. 1.	5122' - 5174'	recovered 52' siltstone, minor bleeding oil and gas.	6-1/2' sandstone, shale; 6' shale, overall minor oil and gas bleeding from sandstone.
Core No. 2.	5220' - 5270'	recovered 26-1/2' sandstone, shale; 6' shale, 6-1/2' sandstone, shale; 5' sandstone and shale.	recovered 52' shale with some sandstone and siltstone, minor oil bleed in sandstone.
Core No. 3.	5270' - 5322'	recovered 45-1/2' shale; 6-1/2' sandstone, minor oil and gas bleed.	recovered 7' sandstone, bleeding oil and gas; 60' shale.
Core No. 4.	5322' - 5374'	recovered 52' siltstone, minor oil and gas bleed.	
Core No. 5.	5374' - 5421'	recovered 47' sandstone, bleeding oil and gas; 60' shale.	

HISTORY OF OIL OR GAS WELL

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, 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.

PERFORATED	NO. 1 FROM	NO. 2 FROM	NO. 3 FROM	NO. 4 FROM	NO. 5 FROM	NO. 6 FROM	NO. 7 FROM	NO. 8 FROM	NO. 9 FROM	NO. 10 FROM
5123' - 5134'	5151' - 5161'	5229' - 5254'	5260' - 5291'	5301' - 5316'	5316' - 5331'	5331' - 5346'	5346' - 5361'	5361' - 5376'	5376' - 5391'	5391' - 5406'

OIL OR GAS SANDY OR TONES (Name for (6))

Location of well, section, township, range, and county, and state. The information given here is a check on the record of the well and is not to be determined from all available records. Signed _____

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