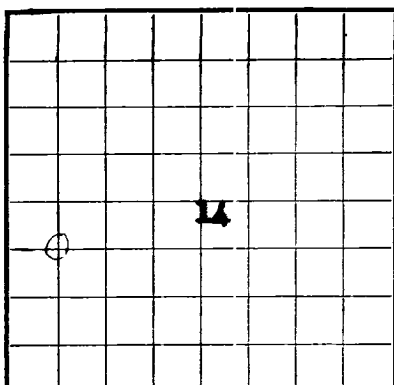


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078860
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address P. O. Box 38, Durango, Colorado
Lessor or Tract Large Federal Field Unnamed State New Mexico
Well No. 1 Sec. 14 T. 24 R. 9 Meridian NMPM County San Juan
Location 1980 ft. N. of S. Line and 660 ft. E. of W. Line of Section Elevation 6648 (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 _____

Date 12-20-57 Title Area Production Supt.

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

Commenced drilling 10-11, 1957 Finished drilling 10-22, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5057 to 5064 No. 4, from 5122 to 5128
No. 2, from 5073 to 5077 No. 5, from 5160 to 5177
No. 3, from 5107 to 5113 No. 6, from 5179 to 5185
No. 7 5190 to 5212

IMPORTANT WATER SANDS

No. 1, from 291 to 391 No. 3, from 787 to 1000
No. 2, from 438 to 711 No. 4, from 1568 to 1655No. 5, 1996 to 2150

CASING RECORD

No. 7, 3074 to 3135No. 8, 3963 to 4111

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8 5/8</u>	<u>24</u>	<u>8 RT</u>	<u>SS</u>	<u>280</u>	<u>Guide</u>	<u>Surface</u>			<u>Surface</u>
<u>5 1/8</u>	<u>14</u>	<u>8 RT</u>	<u>SS</u>	<u>5942</u>	<u>Guide & Float</u>	<u>(See reverse)</u>			<u>Production</u>
			<u>2 3/8</u>	<u>tubing set at 5212</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>290</u>	<u>250</u>	<u>HOWCO</u>	<u>-</u>	<u>-</u>
<u>5 1/2</u>	<u>5351</u>	<u>135</u>	<u>HOWCO</u>	<u>-</u>	<u>-</u>

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
	<u>None</u>					

TOOLS USED

PB w/cement to 5311.Rotary tools were used from Surface feet to 5350 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing 12-19, 1957The production for the first 24 hours was 38 barrels of fluid of which 100% was oil; _____% emulsion; _____% 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

Perry Hansen Drilling Co.—RT Driller _____, DrillerSignal Oil Field Service.—CT Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>291</u>	<u>1121</u>	<u>830</u>	<u>SS and Sh.</u>
<u>1121</u>	<u>1565</u>	<u>444</u>	<u>Sh.</u>
<u>1565</u>	<u>1822</u>	<u>257</u>	<u>SS and Sh.</u>
<u>1822</u>	<u>1998</u>	<u>176</u>	<u>Sh.</u>
<u>1998</u>	<u>2360</u>	<u>362</u>	<u>SS and Sh.</u>
<u>2360</u>	<u>3135</u>	<u>775</u>	<u>SS and Sh laminae.</u>
<u>3135</u>	<u>4210</u>	<u>1075</u>	<u>SS and Sh.</u>
<u>4210</u>	<u>5066</u>	<u>856</u>	<u>Sh w/SS Stringers.</u>
<u>5066</u>	<u>5346</u>	<u>280</u>	<u>SS and Sh.</u>

E-log Tops

Pictured Cliffs	1572'	Mancos	4166'
Levis	1678'	1st Gallup	5031'
Masaverde	2440'	2nd Gallup	5105'
Pt. Lockout	4020'	3rd Gallup	5187'

