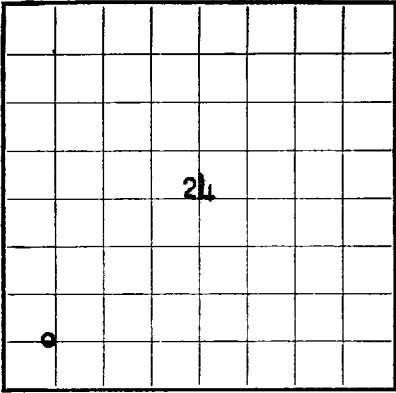


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078621-A
LEASE OR PERMIT TO PROSPECT



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 2097, Denver, Colorado
Lessor or Tract Carson-Federal Field Unnamed State New Mexico
Well No. 3 Sec 24 T. 25N R. 11W Meridian NMPM County San Juan
Location 715 ft. N. of S. Line and 840 ft. E. of W. Line of Section Elevation 6522'
(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 A. LESTER LEFAYO
Date August 21, 1957 Title Ass't. Zone Prod. Supt.

The summary on this page is for the condition of the well at above date.
Commenced drilling 7-29, 1957 Finished drilling 8-8, 1957

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

No. 1, from 4998 to 5009 (O) No. 4, from _____ to _____
No. 2, from 5020 to 5034 (O) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 450 to 598 No. 3, from 2254 to 2540
No. 2, from 1380 to 1480 No. 4, from 2858 to 2900
3790 3880

CASING RECORD

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>BRT</u>	<u>SS</u>	<u>272</u>	<u>Guide</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>Surface</u>
<u>5-1/2</u>	<u>14</u>	<u>BRT</u>	<u>SS</u>	<u>5099</u>	<u>Float</u>	<u>—</u>	<u>5003</u>	<u>5010</u>	<u>Production</u>
							<u>5023</u>	<u>5033</u>	
<u>2-3/8" tubing set at 5037'. HOLE OK OUT ON C&G LANT</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>283</u>	<u>300</u>	<u>HOLCO</u>	<u>—</u>	<u>—</u>
<u>5-1/2</u>	<u>5109</u>	<u>125</u>	<u>HOLCO</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 5079'

Rotary tools were used from surface feet to 5120 feet, and from _____ feet to _____ feet
Cable tools were used for completion feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 8-16 1957
The production for the first 24 hours was 480 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38.2 degrees.

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ *Based on average of 20 boph through 3/4" choke.
Flowing Pressures: Tubing 95 psi
Casing 75 psi

EMPLOYEES

Herndon Drilling Company, Driller _____
Rota Cone Oil Field Operating Co., Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>2150</u>	<u>2150</u>	<u>Shale with sand interbeds</u>
<u>2150</u>	<u>2900</u>	<u>750</u>	<u>Sand with shale interbeds</u>
<u>2900</u>	<u>3790</u>	<u>890</u>	<u>Interbedded sand, shale, silt</u>
<u>3790</u>	<u>4004</u>	<u>214</u>	<u>Sand with shale interbeds</u>
<u>4004</u>	<u>4824</u>	<u>820</u>	<u>Shale with silt streaks</u>
<u>4824</u>	<u>5120</u>	<u>296</u>	<u>Interbedded sand and shale</u>
<u>E-Log Tops:</u>			
	<u>Pictured Cliffs</u>	<u>1380'</u>	
	<u>Lewis</u>	<u>1482'</u>	
	<u>Mesaverde</u>	<u>2146'</u>	
	<u>Pt. Lookout</u>	<u>3786'</u>	
	<u>Mancos</u>	<u>3993'</u>	
	<u>1st Gallup</u>	<u>4824'</u>	
	<u>2nd Gallup</u>	<u>4902'</u>	
	<u>3rd Gallup</u>	<u>4992'</u>	

FROM	TO	TOTAL FEET	FORMATION
			Core No. 1, 4985' - 5038' - recovered 13-1/2' shale, sandy, bleeding oil and gas 3-1/2' sand, bleeding oil and gas 7' sand, good show 25-1/2' sand, fair show 2-1/2' sand, slight show Core No. 2, 5038' - 5088', recovered 50' sand, slight gas bleed
FORMATION RECORD			
EMPLOYEES			
TOOLS USED			
SHOOTING RECORD			
FINGER AND ADAPTERS			
MODIFYING AND CEMENTING RECORD			

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.

Perforated 5003' - 5010' ()
5023' - 5033' () with 2 bullets and 2 jets per foot.

LOG OF OIL OR GAS WELL

