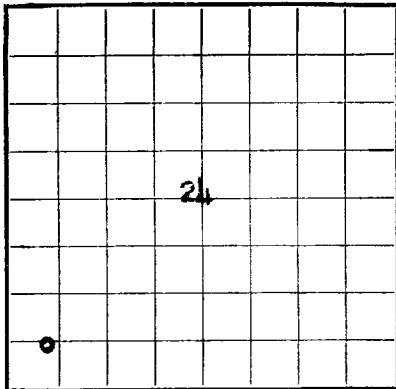


U. S. LAND OFFICE Santa FeSERIAL NUMBER 078621-A

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 Production Department
P. O. Box 2027, 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

K. LESTER LEFAYOURDate August 21, 1957Title 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 (G) No. 4, from to
No. 2, from 5020 to 5034 (G) No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 450 to 528 No. 3, from 2254 to 2540
No. 2, from 1380 to 1480 No. 4, from 2856 to 2900
3700 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>24</u>	<u>BRT</u>	<u>SS</u>	<u>5099</u>	<u>Plug</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'. HISTORY OF CUT OR GUN PERFORATION</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>HOWCO</u>	<u> </u>	<u> </u>
<u>5-1/2</u>	<u>5109</u>	<u>125</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

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

DATES

 , 19 Put to producing 8-1, 1957

The production for the first 24 hours was 480 barrels of fluid of which 100% was oil; %
emulsion; % water; and % sediment. Gravity, °Bé. 36.2 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 25 psi
Casing 75 psi

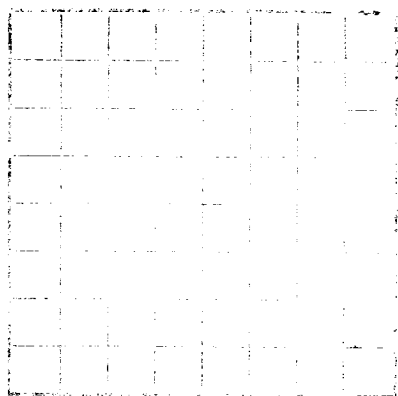
EMPLOYEES

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>2200</u>	<u>750</u>	<u>Sand with shale interbeds</u>
<u>2200</u>	<u>3700</u>	<u>890</u>	<u>Interbedded sand, shale, silt</u>
<u>3700</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 10081</u>			
	<u>Pictured Cliffs</u>	<u>1380'</u>	
	<u>Lewis</u>	<u>1482'</u>	
	<u>Mezavada</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>	

[OVER]



CLASS 60 60 110 70 200

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

REFERENCES

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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 balling.

NO. 10

Restored 5003 - 5010
5023 - 5033

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

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 snow
	25-1/2' sand, late snow	2-1/2' sand, light snow	
Core No. 2, 5038' - 5088' -	recovered 50' sand, slight gas bleed		