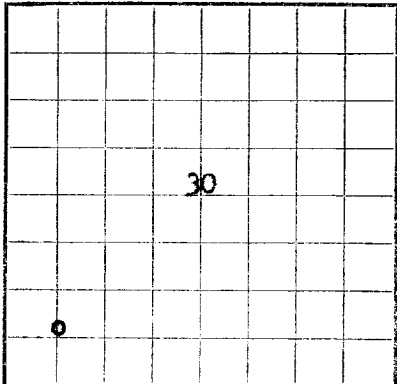




U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078621-A
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Production Department
Company Gulf Oil Corporation Address P. O. Box 2077, Denver, Colorado
Lessor or Tract Carson-Federal Field Unnamed State New Mexico
Well No. 2 Sec. 30 T. 25N R. 10W Meridian NMPM County San Juan
Location 660 ft. N of S Line and 660 ft. E of W Line of Section _____ Elevation 6681'
(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 Arthur L. Jensen
Date August 15, 1957 Title Ass't. Zone Prod. Supt.

The summary on this page is for the condition of the well at above date.
Commenced drilling 7-8, 19 57 Finished drilling 7-22, 19 57

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

No. 1, from 5017 to 5027 (G&orO) No. 4, from 5133 to 5148 (G)
No. 2, from 5057 to 5067 (G&orO) No. 5, from _____ to _____
No. 3, from 5099 to 5116 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 356 to 444 No. 3, from 2244 to 2790
No. 2, from 522 to 735 No. 4, from 2947 to 3000
1496 1590 3907 4100

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>8RT</u>	<u>SS</u>	<u>306</u>	<u>Guide</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>Surface</u>
<u>5-1/2</u>	<u>11</u>	<u>8RT</u>	<u>SS</u>	<u>5217</u>	<u>Float</u>	<u>-</u>	<u>5104</u>	<u>5115</u>	<u>Production</u>
							<u>5135</u>	<u>5147</u>	
<u>2-3/8"</u>	<u>tubing set at 5191'</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>317</u>	<u>300</u>	<u>HOLCO</u>	<u>-</u>	<u>-</u>
<u>5-1/2"</u>	<u>5228</u>	<u>126</u>	<u>HOLCO</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 PU with cement to 5197'

Rotary tools were used from surface feet to 5230 feet, and from _____ feet to _____ feet
Cable tools were used from completion feet to _____ feet, and from _____ feet to _____ feet

DATES

Well shut in 8-6-57 for lack of pipeline
Put to producing _____, 19 _____

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

If gas well, cu. ft. per 24 hours 3 MCF/D Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ *Indicated open flow potential after 72 hours SI:

Casing pressure 1320 psig
EMPLOYEES BHP at 5156' 1550 psig
Herndon Drilling Company, Driller
Rota-Cone Oil Field Operating Company, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface Csg.</u>	<u>2244</u>	<u>1927</u>	<u>Shale, interbedded sand and silt</u>
<u>2244</u>	<u>2790</u>	<u>546</u>	<u>Sand with some shale streaks</u>
<u>2790</u>	<u>3900</u>	<u>1110</u>	<u>Shale and sand interbedded</u>
<u>3900</u>	<u>4100</u>	<u>200</u>	<u>Sand with some shale streaks</u>
<u>4100</u>	<u>4938</u>	<u>838</u>	<u>Shale with silt streaks</u>
<u>4938</u>	<u>5148</u>	<u>292</u>	<u>Shale with sand beds and silt streaks</u>
		<u>E-Log Tops</u>	
	<u>Pictured Cliffs</u>	<u>1496'</u>	
	<u>Lewis</u>	<u>1590'</u>	
	<u>Mesaverde</u>	<u>2243'</u>	
	<u>Point Lookout</u>	<u>3904'</u>	
	<u>Mancos</u>	<u>4104'</u>	
	<u>1st Gallup</u>	<u>4937'</u>	
	<u>2nd Gallup</u>	<u>5013'</u>	
	<u>3rd Gallup</u>	<u>5105'</u>	
	<u>Base Gallup</u>	<u>5148'</u>	

