



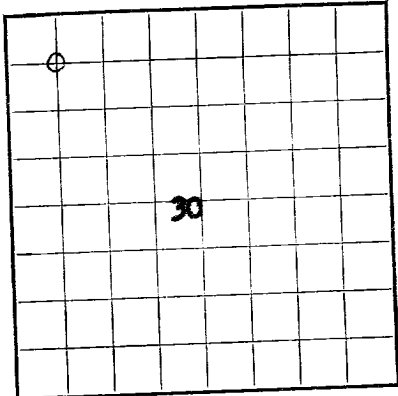
Budget Bureau No. 42-R355.4
Approval expires 12-31-60.

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

Navajo Agency Contract No. 14-20-603-2205
UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JUN 4 1958 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address Production Department P. O. Box 3313, Durango, Colorado
Lessor or Tract Amerillo-Navajo Field Wildcat State New Mexico
Well No. 1 Sec. 30 T. 28N R. 14W Meridian NMPM County San Juan
Location 660 ft. XXX of N Line and 660 ft. XXX of W Line of Section Elevation 5723'
(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 W.D. Mubee Title Area Production Superintendent

Date 6-2-58

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

Commenced drilling 3-30, 19 58 Finished drilling 4-25, 19 58

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

No. 1, from None to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

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>8 RT</u>	<u>J-55</u>	<u>298</u>	<u>Guide</u>				<u>Surface Production</u>
<u>5 1/2</u>	<u>34</u>	<u>8 RT</u>	<u>J-55</u>	<u>5120</u>	<u>Guide & Float</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>308</u>	<u>250</u>	<u>Howco</u>		
<u>5 1/2</u>	<u>5129</u>	<u>100 plus 250 thru DV Stage collar set at 1200'</u>	<u>Howco</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 5740 TD feet, and from _____ feet to _____ feet
Cable tools were used from completion work feet to _____ feet, and from _____ feet to _____ feet

DATES

Plugged 5-26, 19 58 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Perry Hanson Drilling Company, Driller _____, Driller
Signal Oil Field Service, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
			<u>E-LOG TOPS</u>
<u>816</u>	<u>1078</u>	<u>262</u>	<u>Pictured Cliffs ss</u>
<u>1078</u>	<u>1687</u>	<u>609</u>	<u>Lewis sh</u>
<u>1687</u>	<u>3451</u>	<u>1764</u>	<u>undiff. U. Mesaverde</u>
<u>3451</u>	<u>3650</u>	<u>199</u>	<u>Point Lookout ss (L. Mesaverde)</u>
<u>3650</u>	<u>4740</u>	<u>1090</u>	<u>Upper Mancos sh</u>
<u>4740</u>	<u>4808</u>	<u>68</u>	<u>Lower Gallup zone</u>
<u>4808</u>	<u>5030</u>	<u>222</u>	<u>Tocito zone</u>
<u>5030</u>	<u>5390</u>	<u>360</u>	<u>Sanastee & Lower Mancos sh</u>
<u>5390</u>	<u>5450</u>	<u>60</u>	<u>Greenhorn lm</u>
<u>5450</u>	<u>5489</u>	<u>39</u>	<u>Graneros sh</u>
<u>5489</u>	<u>5690</u>	<u>201</u>	<u>Dakota</u>

TD 5740-50' into Jm

AT THE END OF COMPLETE DRILLER'S LOG, ADD GENERAL TOPS. STATE WHETHER FROM LOG OR SAMPLES.

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1ST #1	3671-3710	Recovered 30' GCM	
1ST #2	4869-5020	Recovered 4270' GCM	
1ST #3	5039-5165	Recovered 31' GCM	
1ST #4	5489-5552	Recovered 365' GCM	
1ST #5	5594-5611	Mixture	
1ST #6	5594-5611	Recovered 28' GCM	
1ST #7	8631-8751	Mixture	
Core #1	4800-4813	Recovered 13' Shale	
Core #2	4813-4863	Recovered 50' Shale & Sand w/occasional pinpoint oil and gas bleeding.	
Core #3	5500-5519	Recovered 18' Sand w/some oil and gas bleeding.	
Core #4	5519-5552	Recovered 30' Sand, some dead oil lenses.	
Core #5	5552-5560	Recovered 8' Sand and Shale.	
Core #6	5560-5611	Recovered 6' Shale & Sand. 6' Sand, faint oil stain 79' Shale and Sand w/good to spotty fluorescence in bottom 16'.	
Core #7	5611-5661	Recovered 50' Sand & Shale, no shows.	
Core #8	5661-5683	Recovered 27' Shale and Sand, no shows.	

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, 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.

PRTD 5103. Perforated following intervals in Teotico and Camarero formations with 2 bullets and 2 jets/ft.

- 4836-4870
- 4878-4857
- 4860-4870
- 4875-4882
- 4886-4890
- 4896-4900
- 4910-4916
- 4920-4928
- 4969-4973
- 5030-5037

Swabbed 160 barrels fluid, water and mud in 12 hours. No gas. Slight rainbow of oil. Acidized w/500 gallons HCl. Recovered all lost oil and acid after 17 barrels fluid. Last hour of swabbing, recovered 1.67 bbls fluid w/return of 20% water, 18% BS and 62% oil. Flowed back and swabbed 1287 bbls load oil, last hour swabbed 1.6 barrels load oil. 427 bbls load oil not recovered.

Squeezed above parts w/50 sacks cement. Set CI bridging plug at 975'. Spotted 6 sacks cement on top of plug. PRTD 9251.

Perforated pictured CILTRs 8681-8801 w/2 bullets & 2 jets/ft.

Swabbed 29 bbls water. Fractured w/11,000 gallons oil, 12,000# sand in two stages. Swabbed 44 bbls water, 5 bbls load oil in 9 hours. 281 bbls load oil not recovered from pictured CILTRs.