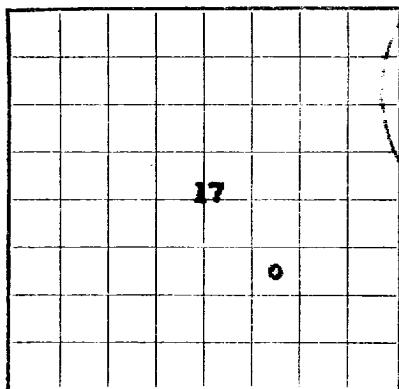


Form 9-330

U. S. LAND OFFICE **Mearilla Tribal**
SERIAL NUMBER **#69**
LEASE OR PERMIT TO PROSPECT
Contract No. **62839**



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Gulf Oil Corporation** Address **Box 1346, Salt Lake City, Utah**
Lessor or Tract **Apache Federal** Field **Basin-Dakota** State **New Mexico**
Well No. **12** Sec. **17** T. **24N** R. **5W** Meridian **NMPM** County **Rio Arriba**
Location **1650** ft. **[N.]** of **S.** Line and **1650** ft. **[EX]** of **E.** Line of **Section 17** Elevation **6608'**
(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 *[Signature]*

Date **May 17, 1961** Title **Area Production Manager**

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

Commenced drilling **April 19**, 19**61** Finished drilling **May 2**, 19**61**

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

No. 1, from 2282 to 2392 (G)	No. 4, from 6673 to 6691 (G)	} Perf Intervals
No. 2, from 5550 to 5668 (G)	No. 5, from 6697 to 6742 (G)	
No. 3, from 6673 to 6742 (G)	No. 6, from _____ to _____	

IMPORTANT WATER SANDS

No. 1, from NONE TESTED 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—	
8-5/8	24	8	SS	217'	Cen Guide		2440		Cen over Pictured Cliffs Zone
4 1/2	14.5	6	SS	1416.15			6697	6742	Production
4 1/2	9.5	8	SS	5420.33	Cen Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	228'	225	Pum. & Plug		
4 1/2	6799' (Plug*)				
*Cen 1st stage thru shoe at 6845' w/ 298 sx cen, 112 sx Macol "D" 62548'					
*Cen 2nd stage thru perf csg w/ 156 sx reg cen, 25 sx latex cen.					

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

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

DATES

_____, 19____ Put to producing **Waiting on connection**
~~XXXXXXXXXXXX~~ **SI** **May 15**, 19**61**
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 **8821 MCF** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **2801**

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
TD 6845'			E-LOG TOPS:
PSTD 6799'			Pictured Cliffs 2282' 3rd Gallup 5708'
			Mesaverde 3808' Greenhorn 6470'
			Pt. Lookout 4456' Dakota 6673'
			Gallup 5550'

Jet perf **6697'-6742'**, 180 holes; **6691'-6673'**, 72 holes. Broke down formation @1900#. Treated w/50400 gal of wtr treated w/34# of J-101 per 1000 gal and 1 gal of M-38 per 1000 gal and 50000# of 20-40 sand. Max press 3100#, min press 2800#. Instantaneous SIP 2000#. Press 1600# in 10 min, 950# in 1 hr. SI for BHP and open flow test. SI surface pressures after 60 hrs I 2216#, C 2226#. BHP 2801# @6707' after 60 hrs. BHT 162°. COF 8821 MCF. Based on rate of 6828 MCF thru 3/4" choke on tbg. TP 548, CP 1192.

