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1650' NEL

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LOCATE WELL CORRECTLY

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

LOCATE WELL CORRECTLY

Production Department

Company Gulf Oil Corporation Address Box 1346, Salt Lake City, Utah

Lessor or Tract Apache Federal Field Basin-Dakota State New Mexico

Well No. 11 Sec. 8 T. 24N R. 5W Meridian NMPM County Pio Arriba

Location 1650 ft. N of S Line and 1650 ft. EX of E Line of Section 8 Elevation 6521'
XX W. (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 By T. A. TRAX

Date May 9, 1961 Title Area Production Manager

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

Commenced drilling April 3, 19 61 Finished drilling April 16 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2277' to 2304' (G) No. 4, from _____ to _____
 No. 2, from 5542' to 5656' (G & O) No. 5, from _____ to _____
 No. 3, from 6639' to 6694' (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 11 11 11 to 11 11 11 No. 3, from 11 11 11 to 11 11 11

No. 2, from 11 11 11 to 11 11 11 No. 4, from 11 11 11 to 11 11 11

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	218	250	Pump & Plug		
4 1/2	6777	1st stage thru shoe	)		
6777	w/260 sq	cem & 294 cf of displac	) Pump & Plug		
2nd stage thru	stage collar @ 2454'	w/140 sq			

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 ~~Surface~~ feet to ~~TD~~ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing SI for connection -----, 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 350,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----

2112H

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			E-LOG TOPS:
			Pictured Cliffs 2277' 3rd Gallup 5701'
			Mesa Verde 3817' Greenhorn 6433'
			Pt.Lookout 4450' Dakota 6639'
			1st Gallup 5542' Morrison 6872'
			TD 6915' PBID 6742'
			Jet perf 6639'-6694', 220 holes. Fraced w/48000 gal wtr treated w/1634# of J-101 and .2% M-38, 50000# of 20/40 sand, pumped into formation @2800# @34 bpm. Max trtg pressure 3200#, min 2900#. Avg rate 31 bpm. Flushed w/120B. Instantaneous SIP 260G#, in 15 min 1700#. Fl/to clean up well. Filled w/wtr. ran 6622' 2-3/8" tbg w/Camco type "D" nipple on btm, 12" long, open ended, set @6633'. Fl/to clean up well. SI for BHP and BM test. Static BHP 2772# @6666'. CCF 2452 MCF, based on l-rate method. Rate 2349 MCF thru 3/4" choke after being produced 3 hrs. CF 5324, TP 177#.

Jet perf 6639'-6694', 220 holes. Fraced w/48000 gal wtr treated w/1634# of J-101 and .2% M-38, 50000# of 20/40 sand, pumped into formation @2800# @34 bpm. Max trtg pressure 3200#, min 2900#. Avg rate 31 bpm. Flushed w/120B. Instantaneous SIP 2600#, in 15 min 1700#. Fl to clean up well. Filled w/wtr. ran 6622' 2-3/8" tbg w/Casco type "D" nipple on btm, 12" long, open ended, set @6633'. Fl to clean up well. SI for BHP and BM test. Static BHP 2772# @6666'. COF 2452 MCF, based on 1-rate method. Rate 2349 MCF thru 3/4" choke after being produced 3 hrs. CF 5324. TP 1774.

