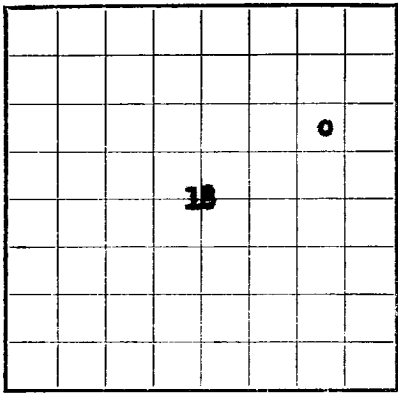


Form 9-330



LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Jicarilla**
SERIAL NUMBER **Tribal**
LEASE OR PERMIT TO PROSPECT _____
Contract No. 69, Tract 131

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Gulf Oil Corporation** Address **Box 2097, Denver 1, Colorado**
Lessor or Tract **Apache** Field **Otero-Pictured Cliffs, New Mexico**
Well No. **5** Sec. **18** T. **24N** R. **5W** Meridian **10N 7W** County **Rio Arriba**
Location **1650** ft. **N** of **N** Line and **290** ft. **E** of **E** Line of **Section 18** Elevation **6534'**
(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 _____

Date **August 2, 1956** Title **Area Supt. of Production**

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

Commenced drilling **5-11**, 19**56** Finished drilling **6-1**, 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2203** to **2296** 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 **0820** to **1130** No. 3, from **1390** to **1510**
No. 2, from **1210** to **1340** No. 4, from **1660** to **1880**

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"	21 1/2	8 Round	EM	164'	-	-	2205'	2218'	Surface
4-1/2"	9 5/8	8 Round	EM	2312'	NOVOS	-	2205'	2218'	Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity
8-5/8"	171'	125 Sacks	Pump & plug	-
4-1/2"	2318'	125 Sacks	Pump & plug	-

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size **BBH 2316'**, **Did not drill out casing plug.**

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from **0** feet to **2325** feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing **7-28**, 19**56**

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 **985,650** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **702**

EMPLOYEES

Banner Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200'	200'	Unconsolidated sands and shales.
200'	730'	530'	Shale.
730'	1930'	1200'	Predominantly sand with occasional shale intervals.
1930'	2203'	273'	Shale with fresh-water coals.
2203'	2296'	93'	Well sorted medium to fine grain sand.
2296'	2325'	29'	Shale.

ETCH

20

JUL 27 1956

[OVER]

NOV 27 1956

16-48094-3

LOGS AND RECORDS—CONTINUED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

450 460 50 50 70 80

[illegible]

BTU-3 NO ERNAB RAD NO 710

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

[illegible]

CONFIDENTIAL

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

It is of the greatest importance to have a complete history of the well. Please state in detail the following: (1) The reasons for the work and its results. If there were any changes made in the casing, state the 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. (2) The reasons for the work and its results. 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.

HISTORY OF OIL OR GAS WELL

[illegible]