

Form 9-330

U. S. LAND OFFICE

SERIAL NUMBER **LC-065347**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

JAN 9 1961

O. L. C.
ANTERIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Gulf Oil Corporation** Address **Box 2167, Hobbs, New Mexico**
Lessor or Tract **Federal Estill "AD"** Field **Undesignated** State **New Mexico**
Well No. **2** Sec. **20** T**24S** R. **26E** Meridian **NMPM** County **Eddy**
Location **2400** ft. **N** of **N** Line and **2444** ft. **E** of **E** Line of **Sec. 20-24-26** Elevation **3396**
(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 **January 5, 1961**Title **Area Production Manager**

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

Commenced drilling **May 7**, 19**60** Finished drilling **August 22**, 19**60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **9050** to **9085** **G** No. 4, from to
No. 2, from **9328** to **9874** **G** No. 5, from to
No. 3, from **10,338** to **11,338** **G** No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 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—	
13-3/8	180	5	Union	600	Plug				Surface pipe
9-5/8	16	8	Union	2100	Plug				Intermediate
7"	26 & 23	"	Union	690	Plug		9050	9085	Prod. String
							9828	9874	
							10,338	11,338	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	180'	600	Pump & Plug		
9-5/8	5240'	2100	" " "		
7"	11,419'	690	" " "		

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 **0** feet to **11,420** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing **December 21**, 19**60** **18** pending pipeline connection
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 **2,840,000** Gallons gasoline per 1,000 cu. ft. of gas **15**

Rock pressure, lbs. per sq. in.

1903 (flooding)

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	17.22'		Distance from top Kelly Drive Dishing to Ground
	60'		Caliche
	231		Caliche & Lime
	662		Lime
	762		Anhy & Lime
	1021		Lime
	1136		Lime & Anhy
	1242		Lime
	1279		Lime & Anhy
	1416		Lime
	1609		Lime & Anhy
	2997		Lime
	3239		Lime & Shale
	5594		Lime
	8396		Shale & Lime
	8531		Lime
	9619		Shale & Lime
	9680		Shale
	9717		Shale & Lime
	9727		Shale
	9820		Shale & Lime
	9823		Shale
	9840		Shale, Lime & Sand
	9888		Shale & Sand
	10,017		Shale & Lime
	10,054		Shale

DECLASSIFICATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
	10,790'		Lime & Shale
	10,846'		Sand, Lime & Shale
	11,031'		Lime & Shale
	11,055'		Shale, Lime & Sand
	11,073'		Shale & Lime
	11,150'		Lime & Sand
	11,188'		Sand & Shale
	11,200'		Sandy Lime
	11,223'		Lime & Shale
	11,252'		Shale & Sand
	11,355'		Lime & Shale
	11,420'		Sand & Shale
		18 to 9955'	
			Geological Tops - Electric Logs
			Delaware
			Bope Spring
			Wolfcamp
			Penn Limestone
			Mass Shale
			11,400'

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.

Refer to 9-3318 dated January 4, 1961

HISTORY OF OIL OR GAS WELL

16-43084-3 U. S. GOVERNMENT PRINTING OFFICE