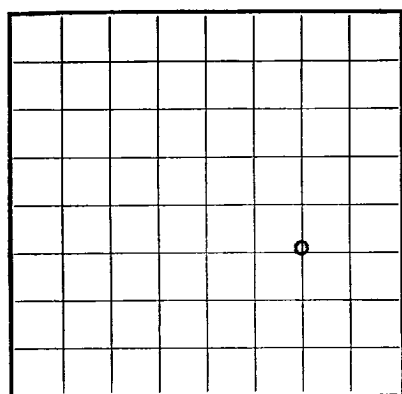


U. S. LAND OFFICE _____
SERIAL NUMBER NM-01917
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

1963 JAN 15

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address P. O. Box 980, Kermit, Texas
Lessor or Tract Federal Hanagan "D" Field Double "X" State New Mexico
Well No. 3 Sec. 11 T. 24S R. 32E Meridian NMPM County Lea
Location 1980 ft. N. of S Line and 660 ft. E. of E Line of Section 11 Elevation 3636-57
(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. W. WHITAKER
Date January 8, 1962 Title Area Engineer

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

Commenced drilling 9-27, 1962 Finished drilling 10-6, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ 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 _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

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	380	135	P&P		
4-1/2	4982	400	P&P		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 4986 feet, and from _____ feet to _____ feet.

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

DATES

_____, 19____ Put to producing 12-22, 1962

The production for the first 24 hours was 113 barrels of fluid of which 31 % was oil; ----- % emulsion; 69 % 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

_____, Driller

_____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	14	14	Derrick floor to ground
	555	541	Caliche & Surface Sand
	1170	615	Red Beds
	1405	235	Anhydrite & Dolomite
	3415	2010	Salt
	4926	1511	Anhydrite & Salt
	4970	44	Shale & Lime
	4986	16	Sand
			4983 Plug back depth
			1170 Top Rustler
			3415 Base Salt
			4926 Top Delaware
			Tops from electric log

10-16-62 - Cut notch @ 4979', acidized w/250 gal mud acid, Trac w/750 gal gelled lease oil, swabbed & tested

2861 - - - Sep 2

[illegible]

0030 - Sep 22 1965 - Sep 1 1965 - Sep 1 1965

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.

HISTORY OF OIL OR GAS WELL

16-43094-2 U.S. GOVERNMENT PRINTING OFFICE

[illegible]