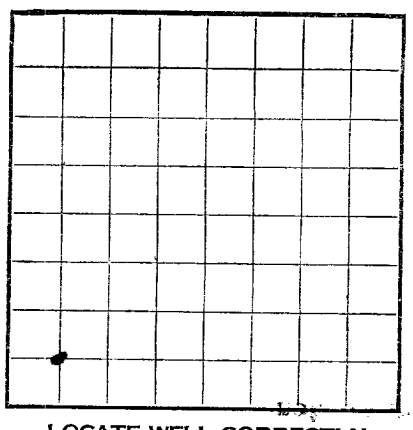
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE _____
SERIAL NUMBER LC-065879-B
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Gulf Oil Corporation Address P.O. Box 766, Hobbs, New Mexico

Lessor or Tract Federal Littlefield "DP" Option Field Wildcat State New Mexico

Well No. 1 Sec. 17 T. 26S R. 37E Meridian NMPM County Lea

Location 660 ft. {N./S.} of S Line and 660 ft. {E./W.} of S Line of Section 17 Elevation 3253.5GL
(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 ORIGINAL SIGNED J. L. PIKE

Date 6-22-60 Title Area Production Manager

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

Commenced drilling 3-29, 1960 Finished drilling 4-12, 1960

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. 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 From—	Perforated To—	Purpose
8-5/8"	24#	8rd	J&L	529'	HOWCO	None			Surface
5-1/2"	14#	8rd	J&L	4921'	HOWCO	None	4685'		Notch

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	532'	350	HOWCO P&P		
5-1/2"	4931'	100	HOWCO P&P		

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 4984 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing TA 6-15, 1960

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10'	10'	Derrick floor to ground
	37'	27'	Sand & rock
	1470'	1433'	Red Bed
	2590'	1120'	Anhydrite
	3020'	430'	Anhydrite & Salt
	3338'	318'	Anhydrite
	3597'	259'	Anhydrite & Salt
	4350'	753'	Anhydrite
	4650'	300'	Anhydrite & Salt
	4883'	233'	Anhydrite
	4984'	101'	Sand

Plug back to 4910'

740' Top Rustler

4606' Base of Salt

4837' Top of Delaware

Tops from electric logs

FOLD | MARK

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

HISTORY OF OIL OR GAS WELL

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.

Deviations

3/4 - 344' 1/2 - 1310' 2-3/4 - 3189' 1-1/4 - 4189'
1 - 752' 1-1/4 - 2257' 3 - 3827' 1 - 4777'

Casing

Well originally planned for 4½" casing. 5½" casing was run due to possibilities of deepening.

Coring

Diamond Core #1 - 4883'-4934' - cut and recovered 51'
Diamond Core #2 - 4934'-4984' - cut and recovered 50'

Formation Treatment

4-17-60 - Treated formation through notch in casing at 4885' w/500 gal acid & 500 gal gelled lease oil. Treating pressure 1500#.

5-10-60 - Frac w/4000 gal refined oil w/1# SPG. Treating pressure 1300# Dlj. rate 8 bpm Flushed with 99 BO.

Pumping Test

6-6-60 - Pumped 4 BLO & 69 BW. Well TA 6-15-60, 206 bbls load oil will not be recovered.