

Santa Fe, New Mexico

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WELL RECORD

A 10x10 grid with a small circle and a vertical line segment in the lower-left quadrant. The circle is located at the intersection of the 3rd column and 3rd row from the bottom-left. A vertical line segment extends upwards from the top of the circle, passing through the 4th row.

**AREA 640 ACRES
LOCATE WELL, CORRECTLY.**

Gulf Oil Corporation

Mary Wilson

(Company or Operator)

(Lease)

Well No. 1, in SE $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 13, T 11-S, R. 33-E, NMPM.

Inbo Penn

....., in.....
UNDESIGNATED

Los

..... Pool, County.

Well is 660 feet from South line and 1980 feet from West line

of Section 13..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced.....4-9.....1967.....Drilling was Completed.....5-9.....1967.....

Name of Drilling Contractor.....**Moran Drilling & Producing Co.**.....

Address P.O. Box 1919; Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head..... 4215' The information given is to be kept confidential until
 -----, 19.....

OIL SANDS OR ZONES

No. 1, from 9750' to 9760' No. 4, from _____ to _____

No. 2, from.....to..... No. 3, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.

No. 2, from _____ to _____ feet.

No. 3, from to feet.

No. 4, from _____ to _____ feet. _____

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8" OD	48#	New	378'	Guide	None	None	Protect Sur. Water
8 5/8" OD	24# & 32#	New	3987'	Guide	None	None	Protect Oil String
5 1/2" OD	14#, 15.50# & 17#	New	9900'	Guide	None	9756-60'	Case Hole for Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	378'	350 sx	Pump & Plug	8.5#/gal	---
11"	8 5/8"	3987'	500 sx	Pump & Plug	10.0#/gal	---
7 7/8"	5 1/2"	9900'	800 sx	Pump & Plug	10.0#/gal	---

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Ots. or Gals. used, interval treated or shot.)

5 1/2" OD casing perfs 9756-60' treated with 500 gal 15% NE acid after snubbing dry.

Result of Production Stimulation..... Swabbed 65 BWL; well kicked off and flowed 70 BF (50% oil, 50% water) in 2 hours, then in 13 hours flowed 183 BO and 32 BW thru 20/64" choke, TP 500 psig.

...Depth Cleaned Out.

RECORD OF DRILL-STEM AND SPECIAL TESTS
HOBBS OFFICE O. C. C.

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 9900 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 5-24, 1967
OIL WELL: The production during the first 24 hours was 423.36 barrels of liquid of which 88.5% was oil; 0% was emulsion; 11.5% water; and 0% was sediment. A.P.I. Gravity 48.9° at 60°F

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.	1940'	T. Devonian	T. Ojo Alamo
T. Salt	2080'	T. Silurian	T. Kirtland-Fruitland
B. Salt	2420'	T. Montoya	T. Farmington
T. Yates	2647'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	2775'	T. McKee	T. Menefee
T. Queen	3187'	T. Ellenburger	T. Point Lookout
T. Grayburg	3695'	T. Gr. Wash.	T. Mancos
T. San Andres	3920'	T. Granite	T. Dakota
T. Glorieta	5363'	T.	T. Morrison
T. Drinkard	---	T.	T. Penn.
T. Tubbs	6800'	T.	T.
T. Abo	7604'	T.	T.
T. Penn.	9150'	T.	T.
T. Miss.		T.	T.
T. Wellcamp	8860'		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	321	321	Surface Sand				
321	378	57	Surface Sand & Red Bed				
378	2153	1775	Red Bed				
2153	2604	451	Anhy & Salt				
2604	3205	601	Red Bed				
3205	3475	270	Anhy & Salt				
3475	4000	525	Anhydrite				
4000	7547	3547	Lime				
7547	7564	17	Lime & Shale				
7564	7683	119	Lime				
7683	8188	505	Lime & Shale				
8188	8383	195	Lime				
8383	8550	167	Lime & Shale				
8550	9900	1350	Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator **GULF OIL CORPORATION**

Name *E. Starnes*

Address **P.O. Box 98; Andrews, Texas**

Position or Title

Area Engineer

5-29-67
(Date)