



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
HOBBS OFFICE 000 Santa Fe, New Mexico

1957 DEC 2 AM 7:50
WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Gulf Oil Corporation (Company or Operator) H. T. Mattern "B" (Lease)
Well No. 11, in SE 1/4 of SW 1/4, of Sec. 30, T.21-S, R. 37-E, NMPM.
Undesignated Pool, Lea County.
Well is 660 feet from South line and 1980 feet from West line
of Section 30-21-37. If State Land the Oil and Gas Lease No. is
Drilling Commenced 8-12, 1957. Drilling was Completed 8-27, 1957.
Name of Drilling Contractor Howard P. Holmes Drilling Co.
Address Box 695, Hobbs, New Mexico
Elevation above sea level at Top of Tubing Head 3514'. The information given is to be kept confidential until
19.

OIL SANDS OR ZONES

No. 1, from 3740' to 3780' No. 4, from to
No. 2, from to No. 5, 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
8-5/8"	24#	New	394'	Howco			Surface Pipe
5-1/2"	14#	New	3785'	"		3740-3780'	Production String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	109'	300	Pump & Plug		
7-7/8"	5-1/2"	3800'	375	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Spotted 200 gallons mud acid on perforations from 3740-3780'. Treated formation with 7500 gallons refined oil with 1# SPG. Pumped 7 ball sealers in 200 gallons mud acid. Treated formation with 7500 gallons refined oil with 1# SPG. Pumped 7 ball sealers in 200 gallons mud acid. Treated formation with 7500 gallons refined oil with 1# SPG. Pumped 7 ball sealers in 200 gallons mud acid. Treated formation with 7500 gallons refined oil with 1# SPG. Result of Production Stimulation
Pumped 171 bbls oil and 66 bbls water thru 2-3/8" tubing 24 hours.
Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from 0 feet to 3800 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 10-1, 19.57
OIL WELL: The production during the first 24 hours was 237 barrels of liquid of which 72 % was oil; 0 % was emulsion; 18 % water; and 0 % was sediment. A.P.I. Gravity 35.1
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.	1200'		T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates	2655'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	2920'		T. McKee		T. Menefee
T. Queen	3410'		T. Ellenburger		T. Point Lookout
T. Grayburg	3695'		T. Gr. Wash.		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn.
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn.			T.		T.
T. Miss.			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	12		Distance from Top Kelly Drive Bushing to Ground				DEVIATION - TOTCO SURVEY
	150		Surface Sand and Caliche				1/4 - 400'
	205		Red Bed and Shells				1/4 - 710'
	250		Sand and Rock				3/4 - 1125
	467		Red Bed				1 - 1570
	910		Red Bed and Shells				1-3/4 - 1820
	1020		Red Bed and Shale				2-- 2060
	1185		Red Bed and Sand				2-1/2 - 2145
	1360		Anhydrite and Gypsum				2-3/4 - 2240
	2470		Anhydrite and Salt				2 - 2370
	2583		Salt, Anhydrite & Gypsum				1-3/4 - 2540
	3045		Anhydrite and Gypsum				2 - 2660
	3390		Anhydrite and Lime				1-3/4 - 2745
	3800		Lime				2 - 2958
							3 - 3141
							3 - 3200
							2-1/2 - 3300
							2-1/2 - 3413
							1-1/4 - 3594
							9/4 - 3750

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.

November 27, 1957 (Date)

Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name The Russell Position or Title Ass't Area Supt. of Prod.