

Santa Fe, New Mexico

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

AREA 640 ACRES
LOCATE WELL CORRECTLY

Gulf Oil Corporation
(Company or Operator)

Farmington-State "B"
.....
(Loss)

Well No. 1, in NE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 36, T. 31 North, R. 13 West, NMPM.

Bas in-Dakota

Pool, **San Juan**

County.

Well is 1040 feet from North line and 1155 feet from East line

of Section 36 If State Land the Oil and Gas Lease No. is 06-1642

Drilling Commenced February 24, 1962 Drilling was Completed March 14, 1962

Name of Drilling Contractor..... **Great Western Drilling Company**

Address..... **P. O. Box 1659, Midland, Texas**

Elevation above sea level at Top of Tubing Head..... **6010'**..... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 6838' to 6877' Gas No. 4, from 6936' to 6960' Gas

No. 2, from 6895' to 6904' Gas

No. 3, from 6913' to 6925' Gas No. 6, from 6982' to 7004' Gas

IMPORTANT WATER SANDS

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

No. 1, from None Tested 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	224'	Guide		6844'-6874'	Surface
						6896'-6902'	
4-1/2"	11.6#	New	760'	Guide		6917'-6924'	Production
4-1/2"	9.5#	New	6325'			6938'-6958'	Production

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"	235'	175	Pump & Plug		
6-3/4"	4-1/2"	7096'	104	Pump & Plug	(First Stage)	
6-3/4"	4-1/2"	4992'*	99	Pump & Plug	(Second Stage)	
* Cemented through stage collar						

RECORD OF PRODUCTION AND STIMULATION

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

Spotted 250 gallons 15% MCA on bottom. Fraced well with 63,000 gallons water, 1% calcium chloride, 20 barrels to 1000 gallons MC-8, 72,500 20/40 sand. Sand content 1/2 ppg to 1-1/2 ppg. Break down pressure 800 psi. With 16,000 gallons in dropped 40 sealer balls, no pressure increase, 48,000 gallons in dropped 40 sealer balls, 300 psi pressure increase. Maximum pressure 3800 psi, minimum pressure 3100 psi, average injection rate 41.0 barrels per minute. Flush 106 barrels water.

* 32,000 gallons in dropped 40 sealer bails, no pressure increase;

Result of Production Stimulation..... Well not tested prior to perforating and fracturing.

Depth Cleaned Out.....6985'

RECORD OF DRILL-STEM AND SPECIAL TESTS

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 surface feet to 7119 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing April 29, 1962

OIL WELL: The production during the first 24 hours was _____ barrels of liquid of which _____ % was
was oil; _____ % was emulsion; _____ % water; and _____ % was sediment. A.P.I.
Gravity _____

GAS WELL: The production during the first 24 hours was 1199 M.C.F. plus 1/2 barrels of
liquid Hydrocarbon. Shut in Pressure 2110 lbs. **BHP**

Length of Time Shut in 100 hours

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

Southeastern New Mexico

T. Anhy. _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Drinkard _____
T. Tubbs _____
T. Abo _____
T. Penn _____
T. Miss _____

T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Farmington _____
T. Pictured Cliffs _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Dakota _____
T. Morrison _____
T. Penn _____
T. _____
T. _____
T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	574'	574'	Sand with shale interbeds	FORMATION TOPS			
574'	2260'	1686'	Shale, sand & coal streaks				Kirtland 574'
2260'	2468'	208'	Sand with shale interbeds				Farmington 1240'
2468'	3830'	1362'	Shale, with sandy zones				Fruitland 1477'
3830'	4906'	1076'	Sand and shale, interbedded				Pictured Cliffs 2260'
4906'	5910'	1004'	Shale, locally silty				Lewis 2468'
5910'	6118'	208'	Shaly, silty sand				Mesaverde 3830'
6118'	6658'	540'	Silty shale				Mancos 4906'
6658'	6722'	64'	Calcareous shale				Gallup 5910'
6722'	6840'	118'	Shale				Greenhorn 6658'
6840'	7060'	220'	Sand with shale interbeds				Graneros 6722'
7060'	7119'	59'	Shale, sand streaks				Dakota 6840'
TD 7119'							Morrison 7063'
PBTD 7062'							

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.

May 17, 1962
(Date)

Company or Operator Gulf Oil Corporation

Address P. O. Box 1971, Casper, Wyoming

Name J. D. Mackay

Position or Title Area Engineer