

NEW MEXICO OIL CONSERVATION COMMISSION

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)

H. T. Mattern "B"

(Lease)

Well No. 12, in SW 1/4 of NW 1/4, of Sec. 31, T. 21, R. 37, NMPM.

Undesignated

Pool,

Lea

County.

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

of Section 31-21-37. If State Land the Oil and Gas Lease No. is Patented

Drilling Commenced 2-24-58, 19 Drilling was Completed 3-8-58, 19

Name of Drilling Contractor Howard P. Holmes Drilling Company

Address Box 693 - Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 3487'. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3744 to 3821 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	396'	Baker	-	-	Surface Pipe
5-1/2"	14#	New	3821'	Baker	-	3744-3821'	Oil 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"	410'	100	Pump & Plug	-	-
7-7/8"	5-1/2"	3825'	925	Pump & Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

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

Spotted 290 gallons mud acid over casing perforations 3774-3821' and squeezed into the formation. Fracture treated with 20,000 gallons lease oil with 1/40# Adomite and 1# sand per gallon in 4 stages of 5,000 gallons each. Flushed and overflushed with oil. Maximum treating pressure 4,000#.

Result of Production Stimulation Pumped 14 barrels oil and 207 barrels water in 24 hours.

Depth Cleaned Out

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 0 feet to 3825 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 9-12-58, 19.

OIL WELL: The production during the first 24 hours was 221 barrels of liquid of which 6 % was
was oil; 0 % was emulsion; 94 % 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. 1150'	T. Devonian.	T. Ojo Alamo.
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	T. Montoya.	T. Farmington.
T. Yates. 2613'	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers. 2695'	T. McKee.	T. Menefee.
T. Queen. 3380'	T. Ellenburger.	T. Point Lookout.
T. Grayburg. 3670'	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 Bushings to Ground				DEVIATION - TOTAL SURVEY
	136'		Sand & Caliche				1/2" - 290'
	922'		Red Rock				1/4" - 1090'
	1185'		Red Bed & Shells				1/2" - 1200'
	1475'		Anhydrite				1" - 1800'
	2500'		Anhydrite & Salt				2" - 2150'
	2695'		Anhydrite & Gyp				2-1/4" - 2550'
	3615'		Anhydrite & Lime				3/4" - 2955'
	3685'		Lime				1-1/4" - 3335'
	3740'		Anhydrite & Lime				3/4" - 3610'
	3825'		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.

September 23, 1958

Company or Operator Gulf Oil Corporation

Address Box 2167 - Hobbs, New Mexico

Name E. J. Taylor

Position or Title Area Production Supt.