

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUAL COMPLETION 3 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 H. T. Mattern "B"
(Company or Operator) (Lease)

Well No. 10, in NE 1/4 of NW 1/4, of Sec. 31, T21-S, R. 37-E, NMPM.

Penrose Skelly Pool, Lea County.

Well is 660 feet from North line and 1980 feet from West line of Section 31-21-37. If State Land the Oil and Gas Lease No. is

Drilling Commenced 3-10, 1957. Drilling was Completed 3-25, 1957.

Name of Drilling Contractor Arthur Budge Drilling Company
Address Box 695, Odessa, Texas

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 2695' to 3635' (Gas) No. 4, from to
3736' to 3786' (Oil) 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	409'	Baker			Surface Pipe
5-1/2"	14#	New	3799'	"		3736-3797'	Production String
						2695-3635'	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	421'	300	Pump & Plug		
7-7/8"	5-1/2"	3809'	2100	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

SEE ATTACHED SHEET

Result of Production Stimulation Penrose Skelly pumped 65 bbls oil and 95 bbls water thru 2-3/8" tubing 24 hours. Eumont Gas flowed at a rate of 3800 MCF with 20# back pressure.

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL

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 3810 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing May 1, 19 57

OIL WELL: The production during the first 24 hours was 160 barrels of liquid of which 40 % was oil; 0 % was emulsion; 60 % water; and 0 % was sediment. A.P.I. Gravity 35.1

GAS WELL: The production during the first 24 hours was 3800 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 860 lbs.
Length of Time Shut in 24 hours

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 2660'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 2955'	T. McKee	T. Menefee
T. Queen 3423'	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	9		Distance from Top Kelly Drive Bushing to Ground				DEVIATION - TOTCO SURVEY
	106		Caliche and Sand				1/2 - 750'
	170		Red Sand				3/4 - 1200'
	285		Red Bed				1/4 - 1600
	423		Red Bed and Gypsum				1-1/4 - 1980
	1150		Red Bed				1-3/4 - 2300
	1215		Red Rock				2 - 2675
	1322		Red Rock and Gypsum				2-1/2 - 2925
	2515		Salt and Anhydrite				1-1/2 - 3150
	2610		Anhydrite				2-1/2 - 3300
	2677		Anhydrite and Gypsum				1-1/4 - 3730'
	3152		Anhydrite				
	3366		Anhydrite and Lime				
	3810		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 12, 1957

(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Name E. J. Taylor

Position or Title Area Supt. of Prod.

RECORD OF PRODUCTION AND STIMULATION

Treated formation thru perforations from 3736-3797' with 1000 gallons 15% NE acid. Pumped 1000# crushed mothballs in 24 bbls oil. Treated formation with 1000 gallons 15% NE acid. Treated formation thru perforations from 3736-3797' with 5000 gallons refined oil with 1# sand per gallon. Pumped 1000# crushed mothballs in 20 bbls oil. Treated formation with 5000 gallons refined oil with 1# sand per gallon. Pumped 1000# crushed mothballs in 16 bbls oil. Treated formation with 5000 gallons refined oil with 1# sand per gallon.

Spotted 400 gallons mud acid on perforations from 3530-3635' ~~xxxx~~, squeezed into formation. Treated formation thru perforations from 3530-3635' with 5000 gallons refined oil with 1# sand per gallon. Pumped 700# mothballs in 15 bbls oil. Treated formation with 5000 gallons refined oil with 1# sand per gallon. Spotted 200 gallons mud acid on perforations from 3225-3295' and squeezed into formation. Treated formation with 8000 gallons refined oil with 1# sand per gallon.