



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Gulf Oil Corporation
(Company or Operator)

H. T. Mattern (NCT-B)
(Lease)

Well No. 13, in NW ¼ of SE ¼, of Sec. 30, T. 21-S, R. 37-E, NMPM.

Penrose Skelly Pool, Lea County.

Well is 1980 feet from South line and 1980 feet from East line of Section 30-21-37. If State Land the Oil and Gas Lease No. is

Drilling Commenced February 17, 1961. Drilling was Completed February 26, 1961.

Name of Drilling Contractor B. B. Smith, Inc.

Address Box 5103, Midland, Texas

Elevation above sea level at Top of Tubing Head 3494'. The information given is to be kept confidential until not, 19.

OIL SANDS OR ZONES

No. 1, from 3699 to 3784' 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"	24.4	New	314'	Guide			Surface Pipe
4-1/2"	9.50#	New	3812'	Guide		3699-3784'	Prod. 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"	328'	175	Pump & Plug		
7-7/8"	4-1/2"	3824'	335	" " "		

RECORD OF PRODUCTION AND STIMULATION

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

Treated perfs 3699-3784' with total of 3500 gals 15% NE acid in 7 stages. TP 2300-500#.

Result of Production Stimulation Flowed 33 bbls oil, no bbls water 2-3/8" tbg 32/64" ck 24 hrs.

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 March 14, 1961

OIL WELL: The production during the first 24 hours was 33 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 33.4

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 1197'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 2658	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 2890	T. McKee	T. Menefee
T. Queen 3395	T. Ellenburger	T. Point Lookout
T. Grayburg 3672	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 Bashing to Ground				DEVIATIONS - EASTMAN SURVEYS
	190		Red Rock & Red Bed				1/4 - 155'
	914		Red Bed & Shells				1/4 - 333
	1317		Red Bed & Anhy				1/4 - 865
	2502		Anhy & Salt				1/2 - 1287
	2793		Anhy				1 - 1645
	3184		Anhy & Gyp				1 - 2055
	3492		Anhy & Lime				1-3/4 - 2518
	3620		Lime				2 - 2748
	3680		Lime & Dole				1-3/4 - 2822
	3715		Dole				1-3/4 - 3172
	3718		Sandstone				3/4 - 3456
	3780		Dole				1 - 3820
	3781		Sandstone				
	3825		Sand & Lime				
			P, B to 3802'				

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.

April 10, 1961 (Date)
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name C. M. Bumpass Position Title Area Petroleum Engineer