



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

DUAL COMPLETION

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 "D"
(Lease)

Well No. 7, in NW 1/4 of NW 1/4, of Sec. 6, T. 22-S, R. 37-E, NMPM.
Arrowhead Pool, Lea County.

Well is 660 feet from North line and 660 feet from West line
of Section 6-22-37. If State Land the Oil and Gas Lease No. is

Drilling Commenced February 23, 1956 Drilling was Completed March 10, 1956.

Name of Drilling Contractor Arthur Sledge Drilling Company

Address Box 695, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3470' The information given is to be kept confidential until
, 19

OIL SANDS OR ZONES

No. 1, from Oil 3712 to 3786' No. 4, from to
No. 2, from Gas 3428 to 3525' 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	194'	Baker			Surface Pipe
5-1/2"	14#	New	3780'	Harkin		3712-3786'	Production String
						3428-3525'	

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"	205'	215	Pump & Plug		
7-7/8"	5-1/2"	3790'	1315	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Washed perforations in 5-1/2" casing from 3712-3786' with 500 gallons 15% O&B acid.
Treated formation thru perforations in 5-1/2" casing from 3712-3786' with 7500 gallons 15% NE acid.
Treated formation thru perforations in 5-1/2" casing from 3758-3786' with 5000 gallons gelled lease oil with 1# sand per gallon.
Treated formation thru perforations in 5-1/2" casing from 3712-3736' with 5000 gallons gelled lease oil with 1# sand per gallon.
Treated formation thru perforations in 5-1/2" casing from 3525-3428' with 10,000 gallons 24 gravity oil with 1# sand per gallon.

Result of Production Stimulation Arrowhead Oil flowed 8 bbls oil and 2 bbls water thru 2-3/8" tubing 24 hours.
Cumont Gas flowed at a rate of 4510 MCF with 425# back pressure.

WORD OF DRILL-STEM AND SPECIAL

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 3790 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing May 16, 1956.
OIL WELL: The production during the first 24 hours was 10 barrels of liquid of which 80 % was
was oil; 0 % was emulsion; 20 % water; and 0 % was sediment. A.P.I.
Gravity 95.8
GAS WELL: The production during the first 24 hours was 4510 M.C.F. plus 0 barrels of
liquid Hydrocarbon. Shut in Pressure 950 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.	1115'		T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates	2630'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	2905'		T. McKee		T. Menefee
T. Queen	3380'		T. Ellenburger		T. Point Lookout
T. Grayburg	3660'		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	10		Distance from Top Kelly Drive Bushing to Ground				DEVIATION - TOTCO SURVEY
	128		Caliche				1-3/4 - 180'
	214		Sand				1-1/4 - 450'
	290		Gray Shale and Sand				3/4 - 930'
	1050		Red Bed				1 - 1500'
	1090		Red Bed and Shale				1-3/4 - 1710'
	1140		Anhydrite and Shale				2-1/4 - 2100'
	1225		Anhydrite				3-1/4 - 2475'
	2450		Salt and Anhydrite				3-3/4 - 2605'
	3207		Anhydrite				3-3/4 - 3020'
	3420		Anhydrite and Lime				3-3/4 - 3150'
	3790		Lime				3 - 3300'
							2-3/4 - 3400'
							1 - 3770'

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.

July 25, 1956
(Date)
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name B. J. Taylor Position or Title Area Supt. of Prod.