

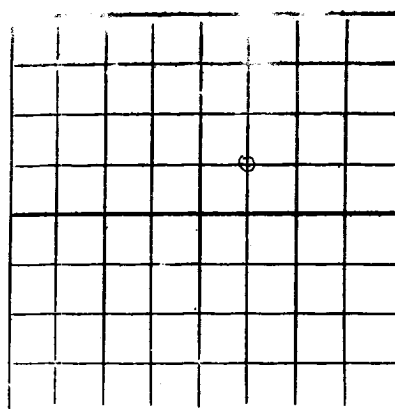
NEW MEXICO OIL CONSERVATION COMMISSION

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



AREA 640 ACRES
LOCATE WELL CORRECTLY

Gulf Oil Corporation
(Company or Operator)

Harry Leonard "Jr"
(Lease)

Well No. 1, in SW 1/4 of NE 1/4, of Sec. 24, T. 21-S, R. 36-E, NMPM.

Arrowhead Pool, Lea County.

Well is 1980 feet from North line and 1980 feet from East line of Section 24-21-36. If State Land the Oil and Gas Lease No. is B-1732

Drilling Commenced 6-27, 1956. Drilling was Completed 7-11, 1956.

Name of Drilling Contractor: Authur Budge Drilling Co.
Address: Box 695, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3537'. The information given is to be kept confidential until 1956.

OIL SANDS OR ZONES

No. 1, from 3766' (Oil) to 3820' No. 4, from to
No. 2, from 3582' (Gas) to 3690' 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	647'	Baker			Surface Pipe
5-1/2"	14#	New	3840'	Larkin		3766-3820'	Production String
						3582-3690'	

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"	257'	225 ✓	Pump & Plug		
7-7/8"	5-1/2"	3849'	1825	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Spotted 250 gallons mud acid over perforations in 5-1/2" casing from 3766-3820'.
Treated formation thru perforations in 5-1/2" casing from 3766-3820' with 5000 gallons refined oil with 1# sand per gallon. Washed perforations in 5-1/2" casing from 3582-3690' with 500 gallons mud acid. Treated formation thru perforations in 5-1/2" casing from 3582-3690' with 10,000 gallons refined oil with 1# sand per gallon.
Result of Production Stimulation:
Arrowhead Pool flowed 46 bbls oil, no water thru 2-3/8" tubing 24 hours.
Eumont Gas flowed at a rate of 4414 ACF with 575# back pressure.

DEPT 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 3850 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 4, 1956

OIL WELL: The production during the first 24 hours was 46 barrels of liquid of which 100% was oil; 0% was emulsion; 0% water; and 0% was sediment. A.P.I. Gravity 36.4

GAS WELL: The production during the first 24 hours was 4414 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 1000 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.	1313'	T. Devonian	T. Ojo Alamo
T. Salt		T. Silurian	T. Kirtland-Fruitland
B. Salt		T. Montoya	T. Farmington
T. Yates	2780'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	2993'	T. McKee	T. Menefee
T. Queen	3484'	T. Ellenburger	T. Point Lookout
T. Grayburg	3760'	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
	127		Caliche and Sand				1/4 - 200'
	265		Sand and Red Bed				3/4 - 935'
	450		Red Bed and Gypsum				1-1/2 - 1350'
	1214		Red Bed				3/4 - 1700'
	1362		Red Bed and Anhydrite				1/2 - 1860'
	2593		Salt and Anhydrite				2-3/4 - 2500'
	3046		Anhydrite and Gypsum				2-1/4 - 2800'
	3328		Anhydrite and Lime				3 - 3000'
	3850		Lime				3 - 3160'
							3 - 3328'
							3 - 3500'

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.

August 16, 1956 (Date)
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name E. J. Taylor Position or Title Area Supt. of Prod.