



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

OFFICE OCC
AUG 3 PM 3:34

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 "C"
(Lease)

Well No. 9, in NW 1/4 of NE 1/4, of Sec. 36, T. 21-S, R. 36-E, NMPM.
Arrowhead Pool; Lea County.

Well is 660 feet from North line and 1980 feet from East line
of Section 36-21-36. If State Land the Oil and Gas Lease No. is B-1732

Drilling Commenced 3-14, 1956. Drilling was Completed 3-27, 1956.

Name of Drilling Contractor: Authur Budge Drilling Co.

Address: Box 695, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3504'. The information given is to be kept confidential until
19.

OIL SANDS OR ZONES

No. 1, from 3702' (Oil) to 3730' No. 4, from to
No. 2, from 3474' (Gas) to 3590' 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	256'	Baker			Surface Pipe
5-1/2"	14#	New	3765'	Larkin		3684-3730'	Production String
						3746-3762'	
						3702-3730'	
						3474-3590'✓	

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"	267'	225	Pump & Plug		
7-7/8"	5-1/2"	3775'	1375	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

Treated formation thru perforations in 5-1/2" casing from 3762-3746' with 5000 gallons Petrobras with 1# sand per gallon. Treated formation thru perforations in 5-1/2" casing from 3684-3730' with 10,000 gallons Petrobras with 1# sand per gallon.
Treated formation thru perforations in 5-1/2" casing from 3702-3730' with 1000 gallons 15% acid. Spotted 500 gallons mud acid over perforations in 5-1/2" casing from 3474-3590'. Treated formation thru perforations in 5-1/2" casing from 3474-3590' with 10,000 gallons refined oil with 1# sand per gallon.

Result of Production Stimulation. Arrowhead oil flowed 60 bbls oil and 16 bbls water thru 2-3/8" tubing 24 hours. Eumont Gas flowed at a rate of 4870 MCF with 600# back pressure.

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 3775 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 16, 1956
OIL WELL: The production during the first 24 hours was 76 barrels of liquid of which 79 % was
was oil; 0 % was emulsion; 21 % water; and 0 % was sediment. A.P.I.
Gravity 35.9
GAS WELL: The production during the first 24 hours was 4870 M.C.F. plus 0 barrels of
liquid Hydrocarbon. Shut in Pressure 1140 lbs.
Length of Time Shut in 24 hours

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

Southeastern New Mexico

T. Anhy. 1175
T. Salt
B. Salt.
T. Yates. 2642
T. 7 Rivers. 2884
T. Queen. 3357
T. Grayburg. 3654
T. San Andres
T. Glorieta
T. Drinkard
T. Tubbs
T. Abo
T. Penn
T. Miss

T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T.
T.
T.
T.
T.
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T.

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Farmington
T. Pictured Cliffs
T. Menefee
T. Point Lookout
T. Mancos
T. Dakota
T. Morrison
T. Penn
T.
T.
T.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	10		Distance From Top Kelly Drive				
	102		Pushing to Ground				DEVIATION - TOTCO SURVEY
	200		Caliche				3/4 - 200'
	1110		Sand and Red Bed				1/4 - 500'
	1170		Red Bed				1/2 - 1185'
	1280		Anhydrite and Shale				1 - 1600'
	1490		Anhydrite				1-1/2 - 1920'
	2475		Salt				2-1/2 - 2125'
	2550		Salt and Anhydrite				2-3/4 - 2370'
	2635		Anhydrite				3-1/2 - 2540'
	2677		Anhydrite and Gypsum				3-3/4 - 2750'
	2770		Anhydrite				3-1/4 - 2960'
	3323		Anhydrite and Gypsum				2-1/2 - 3150'
	3414		Anhydrite				2 - 3435'
	3775		Anhydrite and Lime				1 - 3700'
			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.

August 1, 1956
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name B. F. Jones Position or Title Area Supt. of Prod.