

## 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.

AREA 840 ACRES  
LOCATE WELL CORRECTLY

Gulf Oil Corporation

(Company or Operator)

Arnott-Ramsay

(Lease)

Well No. 5, in SW 1/4 of NW 1/4, of Sec. 16, T. 25-S, R. 37-E, NMPM.

Langlie-Mattix

Pool,

Lea

County.

Well is 1980 feet from North line and 560 feet from West lineof Section 16. If State Land the Oil and Gas Lease No. is -Drilling Commenced June 3, 1953. Drilling was Completed August 1, 1953.Name of Drilling Contractor Howard P. Holmes Drilling Co.Address 1220 Kirby Building, Dallas, TexasElevation above sea level at Top of Tubing Head 3141'. The information given is to be kept confidential until         , 19        .

## OIL SANDS OR ZONES

No. 1, from 3169' to 3385' 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"	28#	New	459'				
5-1/2"	17#	New	3158'				

## 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"	472'	250	Howco		
7-7/8"	5-1/2"	3169'	300	Howco		

## RECORD OF PRODUCTION AND STIMULATION

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

Hydrafraced with 6000 gals by Howco in four stages from 3169' to 3385'

Shot with 250 qts. Dupont SOME from 3265 to 3365'

Acidized with 3000 gals 15% NE Acid by Chemical Process Co.

Result of Production Stimulation. Swabbed 25 bbls oil, 28 bbls water. Swabbed 8 bbls oil, 12 bbls  
XXX water. Swabbed 2 bbls oil, 12 bbls water.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 3385 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing August 1, 1953

OIL WELL: The production during the first 24 hours was 6 barrels of liquid of which 100% was oil; % was emulsion; % water, and % was sediment. A.P.I. Gravity 32.4

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

T. Anhy.  
T. Salt  
B. Salt 2700  
T. Yates 2895  
T. 7 Rivers  
T. Queen  
T. Grayburg  
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.

### 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.

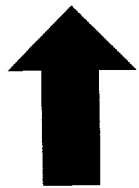
## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	12/00		Distance from Top Kelly Drive Bushing to Ground		2660		Salt & Anhydrite
	307		Surface Rock & Caliche		2825		Anhydrite & Lime
	562		Sand & Anhydrite		2865		Anhydrite, Lime & Gyp
	1200		Red Bed & Shells		2923		Lime & Gyp
	1627		Salt & Anhydrite		2930		Anhydrite, Lime & Sand
	1944		Salt, Sand & Anhydrite		3385		Sand & Lime
DEVIATION - TOTCO SURVEYS							
DEPTH				DEPTH			
DEG OFF				DEG OFF			
748 1/4				2310 1-1/4			
1000 1/4				2505 2			
1100 1/2				2720 0			
1349 1/2				2775 2			
1588 1/2				2875 2			
1900 1/2				2960 2			
2120 1				3050 2			
2252 1-1/2							

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 7, 1953 (Date)  
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico  
Name E. J. [Signature] Position or Title Asst. Area Prod. Supt.



1 2 3 4 5

DRILL STEM TESTS

No. 1, 6-10-53 - 1 Hour Johnston DST from 2848-2973' with 5/8" choke at 2821' - Packers at 2839' and 2848' - Bombs at 2971' and 2969' - Tool opened 5:15 PM  
6-10-53 - Weak blow air 15 minutes, dead 45 minutes - Recovered 65' slightly gas cut drilling mud, no show oil - HP 1650# - FP 0# - 15 minute BHP 0#.

No. 2, 6-12-53 - 1 Hour Johnston DST from 3007-3140' with 5/8" choke at 2983' Packers at 3000' and 3007' - Bombs at 3136' and 3138' - Tool opened 3:30 AM  
6-12-53 - Gas to surface 2 minutes, 24 hour rate 1,612,600 cu. ft. - Mud in 5 minutes, no oil - Recovered 200' fluid, sulphur water, no oil show - HP 1750# - FP 700# - 15 minute BHP 700#.

No. 3, 6-15-53 - 1-1/2 Hour Johnston DST from 3138-3260' with 5/8" choke at 3115' Packers at 3131' and 3138' - Bombs at 3256' and 3258' - Tool opened 1:35 AM  
6-15-53 - Good blow air 7 minutes - Gas to surface in 7 minutes, 24 hour rate 32,100 cu. ft. - No fluid to surface - Recovered 165' sulphur water - HP 1775# - FP 225# - 15 Minute BU 775#.

No. 4, 6-17-53 - Misrun

No. 5, 6-17-53 - 1 Hour Johnston DST from 3260-3385' with 1/2" choke at 3239' - Packers at 3254' and 3260' - Bombs at 3381' and 3383' - Tool opened 8:15 PM  
6-17-53 - Bubble of air 5 minutes and dead 55 minutes - Recovered 10' drilling fluid, no show oil or gas - HP 1875# - FP 0# - 15 minute BHP 0#.