



NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

III 3 DUAL COMPLETION  
**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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Gulf Oil Corporation  
(Company or Operator) Arnott-Ramsay "B"  
(Lease)  
Well No. 2, in SE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of Sec. 32, T. 25-S, R. 37-E, NMPM.  
Langlie Mattix and Jalmat Pool, Lea County.  
Well is 1980 feet from North line and 660 feet from East line  
of Section 32. If State Land the Oil and Gas Lease No. is B-229  
Drilling Commenced August 22, 1955 Drilling was Completed September 8, 1955  
Name of Drilling Contractor Oscar Bourg Drilling Co.  
Address Box 73, Midland, Tex.  
Elevation above sea level at Top of Tubing Head 3002' The information given is to be kept confidential until  
      , 19      

**OIL SANDS OR ZONES**

No. 1, from 3149 to 3225' 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
9-5/8"	32.30#	New	305'	Larkin			Surface Pipe
7"	20#	New	3137'	Baker		2578-2650', 2660-2682', 2694-2738', & 2792-2820'	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
13-3/4"	9-5/8"	319'	325	B J Pump & Plug		
8-3/4"	7"	3149'	1025	" " " " "		

**RECORD OF PRODUCTION AND STIMULATION**

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

9-9-55 - Treated open hole formation from 3149-3225' with 2000 gals. 15% NE acid. Avg. inj. rate 3.9 bbls per min. 9-10-55 - Treated same formation with 7500 gallons 24 gr. oil with 1# sand per gal. Inj. rate 14.3 bbls per min. 10-6-55 - Treated perforations in 7" casing from 2578-2820' with 500 gals mud acid. Inj. rate 2 bbls per min. 10-7-55 - Treated same perfs. with 15,000 gals jelled lease crude, 1# sand per gallon.  
Results: Flowed 20 bbls oil, 5 bbls water in 24 hours (Langlie Mattix Pay)  
Flowed at rate of 3,460 MCF with 300# BP. (Jalmat) Depth Cleaned Out 3225'

# CORD OF DRILL-STEM AND SPECIAL T

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 3225 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing September 27, 1955

OIL WELL: The production during the first 24 hours was 25 barrels of liquid of which 80 % was  
was oil; % was emulsion; 20 % water; and % was sediment. A.P.I.  
Gravity 34.4

GAS WELL: The production during the first 24 hours was 3,460 M.C.F. plus 0 barrels of  
liquid Hydrocarbon. Shut in Pressure 700 lbs.

Length of Time Shut in 24 hrs.

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

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy. 1280	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 2575	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 2835	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout
T. Grayburg	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	12.65		Distance from Kelly Drive Bushing to Ground				
	96		Caliche				
	205		Red Bed & Shells				
	323		Red Bed				
	380		Shale				
	944		Red Bed				
	1718		Anhydrite				
	2282		Anhydrite with Salt				
	2500		Anhydrite				
	2550		Anhydrite & Dolomite				
	2570		Anhydrite, Dolomite & Sand				
	2821		Dolomite & Sand				
	2868		Dolomite & Shale				
	2938		Anhydrite & Lime				
	3153		Lime				
	3225		Sand & Dolomite				

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.

November 15, 1955

(Date)

Company or Operator Gulf Oil Corporation

Address Box 2167, Hobbs, N. M.

Name B. J. Day

Position or Title Area Supt. of Prod.