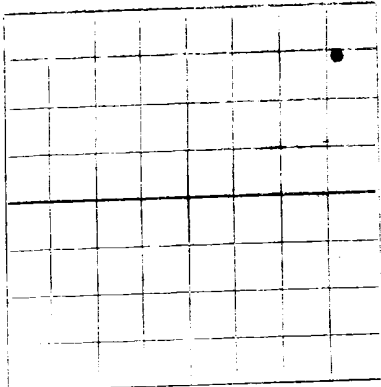




AREA 640 ACRES
LOCATE WELL CORRECTLY

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 QUINTUPPLICATE.

Gulf Oil Corporation (Company or Operator) **Ernest Ramsay "Er"** (Lease)
Well No. **5**, in **NE** $\frac{1}{4}$ of **NE** $\frac{1}{4}$ of Sec. **36**, T. **25E**, R. **37E**, NMPM.
Justis-Blinebry upper, Brinkard Pool, **Lea** County.
Well is **660** feet from **North** line and **560** feet from **East** line
of Section **36**. If State Land the Oil and Gas Lease No. is **5-229**
Drilling Commenced **December 12,** 19 **59**. Drilling was Completed **January 25,** 19 **60**
Name of Drilling Contractor **Jennings Drilling Company**
Address **Box 877, Hobbs, New Mexico**
Elevation above sea level at ~~Top of casing~~ **Ground Level 3045.40'** Information given is to be kept confidential until
19 **60**

OIL SANDS OR ZONES

No. 1, from **5231** to **5467** No. 4, from _____ to _____
No. 2, from **5890** to **5910'** 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#	New	824'	Howco		None	
7"	23#	New	6347'	Howco		5231-5467' 5890-5910'	Blinebry Brinkard

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2"	9-5/8"	836'	425	Howco P&P		
8-3/4"	7"	6355'	754	" "		

RECORD OF PRODUCTION AND STIMULATION

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

Blinebry Zone - 5231-5467'. Spotted 500 gals mud acid over perf. Trtd with 32,000 gal refined oil with 3# sand & 1/40# Teomite per gallon in 8 stages of 4,000 gallons each. Inj rate 30.8 to 27.0 BPM. Trtz Press 3100-2000#. Inj 20 perf ball sealers after each stage.

Result of Production Stimulation **After load was recovered flowed 166 BO in 20 hours thru 13/64" choke.**

Depth Cleaned Out _____

If drill-stem or other special tests or surveys were made, submit report on separate sheet and attach hereto

TOOL LOG

Rotary tools were used from **Surface** to **6355' TD** and more feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to Producing **Blinebry 2-8-60**, 19

OIL WELL: The production during the first **20** hours was **166** barrels of liquid of which **100%** was oil; % was emulsion, % water, and % was sediment A.P.I Gravity **38.2**

GAS WELL: The production during the first 24 hours was MCF plus barrels of liquid Hydrocarbon. Shut in pressure

Length of Time Shut in

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

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. Rustler 820'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt 2180	T. Moen	T. Farmington
T. Yates 2302	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 2558	T. McKee	T. Menefee
T. Queen 3013	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres 3500	T. Granite	T. Dakota
T. Glorieta 4658	T.	T. Morrison
T. Drinkard 5889	T.	T. Penn.
T. Tubbs OCC Tubb 5663'	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
KUB	Grd	12'					
	100	88	Caliche, sand & gravel				
	815	715	Red bed				
	1063	248	Anhydrite				
	2155	1092	Anhydrite & salt				
	3174	1019	Anhydrite & gyp				
	3272	98	Anhydrite & lime				
	3641	369	Lime				
	4150	509	Lime and sand				
	6355	2185	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.

Company or Operator **Gulf Oil Corporation** Address **Box 766, Kermit, Texas** (Date) **April 7, 1960**
Name **Arac** Position or Title **Production Manager**

RECORD OF DRILL-PLAN AND SPECIAL TEST

If drill-stem or other special tests or observation surveys were made, submit report on separate sheet and attach hereto

TOP SECRET

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

REBUTAL

Put to Producing: **Drinkard 3-26-60** 19

OIL WELL: The production during the first 24 hours was 75 barrels of liquid of which 71 was oil; 29 was emulsion; and 0 was sediment. A.P.I. Gravity 50.0

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

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Eburan.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	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
<u>Record of Production and Stimulation</u> Drinkard Zone 5899-5910' - Treated perforations with 500 gallons mud acid. Injection rate 55 gpm. Treating pressure 2900-1800#. After load was recovered flowed 150 BO 35 BW in 24 hours thru 13/64" choke.							

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.

as can be determined from examination of the _____ (Date)

Company or Operator..... Address.....

Name..... Position or Title.....

RECORD OF PRODUCTION AND SIMULATION

Arnott Ramsay "F" No. 5

Deviation Tests

1/2	-	510'	1/4	-	2595'	1	-	3797'	1 1/2	-	5035'	1-3/4	-	6300'
1	-	841'	1/4	-	3070'	2	-	4189'	1 1/2	-	5380'			
2	-	1330'	3/4	-	3370'	1-3/4	-	4456'	1 1/2	-	6054'			
1 1/2	-	2220'	1/2	-	3490'	1 1/2	-	4715'	2	-	6145'			

Drill Stem Tests

- 2 hr Johnston DST #1 5713-5812' thru 3 1/2" DP. Strong blow gas to surface in 7 minutes. Weak blow after 15 min. Rec 100' gas cut mud and 1070' oil & gas cut mud cut 15% oil.
- 4 1/2 hr Johnston DST #2 5852-5950' thru 3 1/2" DP. Strong blow gas to sur in 6 min. Mud to surface in 1 hr 12 min. Flwd 17 BO 2 EW in 3 hrs. GV 168 M.
- 2 hr Johnston DST #3 6077-6175' thru 3 1/2" DP. Fair blow of air decr to weak blow at end of test. No gas. Rec 40' drilling mud, no show.
- 1 hr Johnston DST #4 6191-6300' thru 3 1/2" DP. Gas to surf in 2 min. 24 hr vol 1806 M. No fluid to surface. Rec 30' condensate in drill pipe.
- 1 hr Johnston DST #5 6305-6355' thru 3 1/2" DP. Weak blow of air. Dead in 30 minutes. Rec 150' drilling mud, no shows.

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Gulf Oil Corporation Lease Arnott Ramsay "F"

Well No. 5 Unit Letter A S 36 T 25S R 37E Pool Justis Drinkard Ext.

County Lea Kind of Lease (State, Fed. or Patented) State

If well produces oil or condensate, give location of tanks: Unit A S 36 T 25S R 37E

Authorized Transporter of Oil or Condensate Texas New Mexico Pipeline Company

Address Box 1510, Midland, Texas

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Co.

Address Box 1384, Jal, New Mexico

Date Connected

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Reasons for Filing: (Please check proper box) New Well ()

Change in Transporter of (Check One): Oil ☒ Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: (Give explanation below)

Pipeline facilities now available on lease.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 5th day of April 19 60

By L. L. Pike

Approved _____ 19 _____

Title Area Production Manager

OIL CONSERVATION COMMISSION

Company Gulf Oil Corporation

By _____

Address Box 766

Title _____

Kermit, Texas