

Santa Fe, New Mexico

HOODS OFFICE OCC

176 SEP 19 PM 3:48

WELL RECORD

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

W. A. RAYBURN #A

(Company or Operator)

(Lose)

Well No. 20, in SW $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 35, T. 21-S, R. 36-E, NMPM.

Excerpt

Pool.

Lead

County.

Well is 1980 feet from North line and 660 feet from West line.

of Section 35-21-36 If State Land the Oil and Gas Lease No. is B-1732

Drilling Commenced.....**8-12**....., 19**56**..... Drilling was Completed.....**8-24**....., 19**56**.....

Name of Drilling Contractor.....**Oscar Bourg Drilling Co.**.....

Box 73, Midland, Texas

Address.....

Elevation above sea level at Top of Tubing Head.....3581'..... The information given is to be kept confidential until

..... 19.....

No. 1, from 3822' to 3864' No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, from.....to.....

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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24#	New	290'	Baker			Surface Pipe
5-1/8"	14#	New	3866'	Larkin		3822-3864'	Production Stri

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	245'	225	Pump & Plug		
7-7/8"	5-1/2"	3880'	1100	Pump & Plug		

(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 3822-3864'

Treated formation thru perforations in 5-1/2" casing from 3822-3864' with 8000

gallons refined oil with 1# sand per gallon. Injection rate 21.9 bbls per minute

Result of Production Stimulation..... Flowed 414 bbls oil, max 9 bbls water thru 2-3/8" tubing 24 hours.

RECORD OF DRILL-STEM AND SPECIAL 7 8

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 3880 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 27, 1936

OIL WELL: The production during the first 24 hours was 423 barrels of liquid of which 98 % was oil; 0 % was emulsion; 2 % water; and 0 % was sediment. A.P.I. Gravity 36.7

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.	1485'		T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt			T. Montoya		T. Farmington
T. Yates	3024'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3260'		T. McKee		T. Menefee
T. Queen	3639'		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	12.50		Distance from Top Kelly Drive Rushing to Ground				DEVIATION - TOTCO SURVEY
	268		Caliche and Red Bed				1 - 253'
	1248		Red Bed				1/2 - 500'
	1858		Anhydrite				1/4 - 1000'
	2732		Anhydrite and Salt				3/4 - 1845'
	2825'		Anhydrite				1-1/4 - 1985'
	2862		Anhydrite and Gypsum				1-1/4 - 2155'
	2952		Anhydrite and Lime				3-1/2 - 2568'
	3880		Lime				3-1/2 - 2629'
							3 - 2685'
							3 - 28820
							3 - 2930'
							3 - 3032'
							2-1/2 - 3100'
							2-1/4 - 3214'
							2-1/4 - 3455'
							1-1/2 - 3700'

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.

September 17, 1936
Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, New Mexico
Name C. F. Joyner Position or Title Area Supt. of Prod.