



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico
HOBBS OFFICE OCC

1956 MAY 21 **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)

W. A. Ramsay "A"
(Lease)

Well No. 16, in SE 1/4 of NW 1/4, of Sec. 35, T. 21-S, R. 36-E, NMPM.

Arrowhead Pool, Lea County.

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

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

Drilling Commenced 3-31, 1956. Drilling was Completed 4-14, 1956.

Name of Drilling Contractor: Authur Budge Drilling Company

Address: Box 695, Odessa, Texas

Elevation above sea level at Top of Tubing Head 3577'. The information given is to be kept confidential until 1956.

OIL SANDS OR ZONES

No. 1, from 3804' to 3864' No. 4, from

No. 2, from

No. 3, from

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from

No. 2, from

No. 3, from

No. 4, from

CASING RECORD

| SIZE | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|-------------------|
| 8-5/8" | 24# | New | 253' | Baker | | | Surface Pipe |
| 5-1/2" | 14# | New | 3865' | Larkin | | 3804-3864' | Production 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 |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 11" | 8-5/8" | 263' | 200 | Pump & Plug | | |
| 7-7/8" | 5-1/2" | 3875' | 1350 | Pump & Plug | | |

RECORD OF PRODUCTION AND STIMULATION

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

Wash perforations in 5-1/2" casing from 3804-3864' with 500 gallons mud acid.

Injection rate 17 bbls per minute with 1800#.

Treated formation thru 5-1/2" casing perforations from 3804-3864' with 10,000 gallons

Petrogel with 1# sand per gallon. Injection rate 18 bbls per minute.

Result of Production Stimulation: Flowed 336 bbls oil, 4 bbls water thru 2-3/8" tubing 24 hours.

CORD OF DRILL-STEM AND SPECIAL T 5

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 3875' feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing April 18, 1956

OIL WELL: The production during the first 24 hours was 340 barrels of liquid of which 99% was oil; 0% was emulsion; 1% water; and 0% was sediment. A.P.I. Gravity 35.7

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..... 1437' | T. Devonian..... | T. Ojo Alamo..... | |
| T. Salt..... | T. Silurian..... | T. Kirtland-Fruitland..... | |
| B. Salt..... | T. Montoya..... | T. Farmington..... | |
| T. Yates..... | T. Simpson..... | T. Pictured Cliffs..... | |
| T. 7 Rivers..... 3142' | T. McKee..... | T. Menefee..... | |
| T. Queen..... 3593' | 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 | 10 | | Distance from Top Kelly Drive Bushing to Ground | | | | DEVIATION - TOTCO SURVEY 1 - 250' 3/4 - 750' 1 - 1250' 1 - 1600' 1-3/4 - 2025' 2-1/4 - 2320' 3-1/4 - 2770' 4 - 3100' 3 - 3365' 3 - 3700' |
| | 128 | | Caliche and Sand | | | | |
| | 265 | | Red Bed and Sand | | | | |
| | 1206 | | Red Bed | | | | |
| | 1270 | | Anhydrite | | | | |
| | 1815 | | Anhydrite and Salt | | | | |
| | 2200 | | Anhydrite | | | | |
| | 2755 | | Anhydrite and Salt | | | | |
| | 3410 | | Anhydrite | | | | |
| | 3520 | | Anhydrite and Lime | | | | |
| | 3565 | | Anhydrite | | | | |
| | 3875 | | 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.

May 18, 1956

(Date)

Company or Operator..... Gulf Oil Corporation.....

Address..... Box 2167, Hobbs, New Mexico.....

Name..... *S. J. Jay*.....

Position or Title..... Area Supt. of Prod.....