

CCC  
Hobbs

DC-261  
Dec 14/55

GULF OIL CORPORATION  
FORT WORTH PRODUCTION DIVISION  
P. O. Box 2167  
Hobbs, New Mexico

December 9, 1955

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Re: Application to Dually Complete Gulf  
Oil Corporation's Mark No. 5, Drink-  
ard Oil Pool and Tubb Gas Pool, Lea  
County, New Mexico.

Gentlemen:

By this letter of application, Gulf Oil Corporation wishes to state the following:

(a) That Gulf Oil Corporation's Mark No. 5, located in the C NE/4 NE/4 of Section 3-22S-37E, was completed 7-27-47 at a total depth of 6521'. The attached Exhibit "A" shows the location of this well on the Gulf Oil Corporation Mark Lease together with the location of all offset wells. The attached Exhibit "B" is a schematic drawing of the proposed dual completion.

(b) That subject well has 7" casing set at 6455' and cemented with 700 sacks of cement. The well is an oil well producing from the open hole interval from 6455-6521' in the Drinkard Pool.

(c) That the applicant proposes to dually complete the well in the following manner:

1. Perforate the 7" casing within the approximate interval of 5993-6003' and 6025-6060' in the Tubb Gas Pool.
2. Set production type packer below these perforations at approximately 6400' to separate the two pay zones.
3. Produce the Drinkard Pool oil through the tubing and the Tubb gas through the tubing-casing annulus.

(d) That the granting of this application for permission to produce the well as a dual completion with gas from the Tubb and oil from the Drinkard is in the interest of conservation and the protection of correlative rights.

(e) That the applicant will comply with all rules and regulations of the New Mexico Oil Conservation Commission to maintain separation of production from the two pay zones.

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Page 2

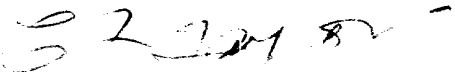
(f) That the manner and method of the proposed dual completion is mechanically feasible and practical.

(g) That by copy of this letter of application, all offset operators are notified of the proposed dual completion.

Therefore, Gulf Oil Corporation requests that the Oil Conservation Commission grant permission to the applicant to dually complete the subject well as proposed in this application.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Respectfully submitted,

  
C. F. Taylor  
Area Superintendent of Production

EJF/bh  
Att'd.

Sworn to and subscribed before me this the 9<sup>th</sup> day of December 1955.

7-16-55  
My Commission Expires

D. F. Van Horn  
Notary Public

cc: Cities Service Oil Company  
Box 97  
Hobbs, New Mexico

Humble Oil & Refining Company  
Box 1600  
Midland, Texas

Ohio Oil Company  
Box 552  
Midland, Texas

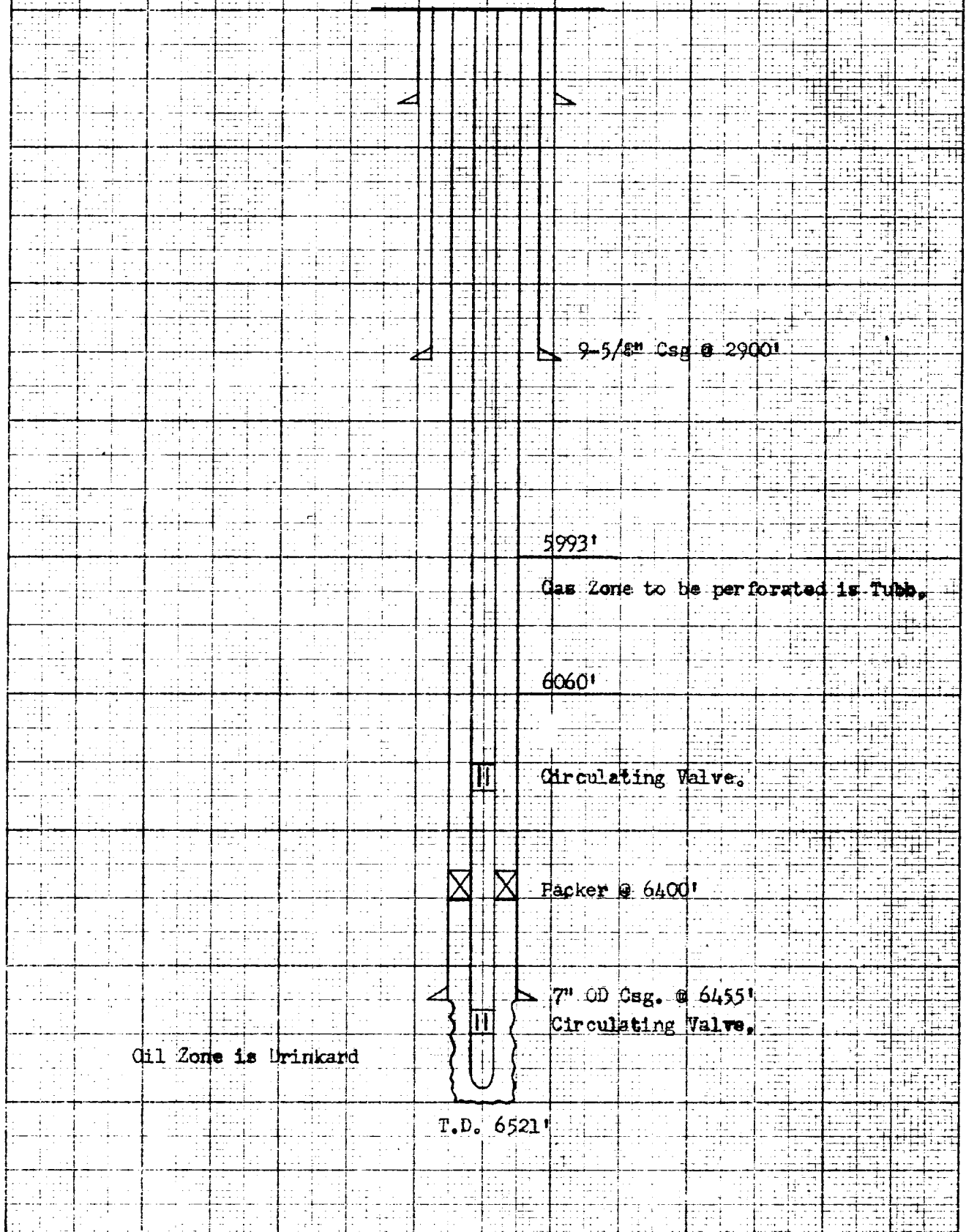
Sinclair Oil and Gas Company  
901 Fair Building  
Fort Worth, Texas

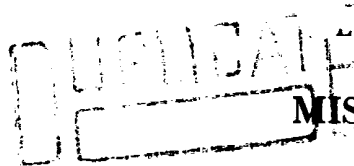
Stanolind Oil & Gas Company  
Box 899  
Roswell, New Mexico

Sunray-Mid Continent Oil Company  
Midland National Bank Building  
Midland, Texas



EXHIBIT "B"  
Schematic Drawing Of Proposed Dual Completion  
Gulf Oil Corporation's Mark No. 5





# NEW MEXICO OIL CONSERVATION COMMISSION

## MISCELLANEOUS REPORTS ON WELLS

RECEIVED

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	ACID	REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

February 20, 1952

Hobbs, New Mexico

Date

Place

Following is a report on the work done and the results obtained under the heading noted above at the

Gulf Oil Corporation Mark Well No. 5 in the  
Company or Operator Lease  
NE NE of Sec. 3, T. 22S, R. 37E, N. M. P. M.,  
Drinkard Pool Lea County.

The dates of this work were as follows: February 16, 1952

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_, and approval of the proposed plan ~~was~~ (was not) obtained. (Cross out incorrect words.)

### DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

On February 16, 1952, acidized thru 2-3/8" tubing with 2000 gallons 15% NE acid by Chemical Process. TP 1550-400#, CP 1800-500# (pressure applied). Average injection rate 83 GPM. Displaced acid with 27 barrels oil. Injection time 24 minutes. Duration 48 minutes. Job complete at 10:30 A.M. 2-16-52.

RESULTS: Flowed 28 bbls 40 gravity .4% BS&W, oil, no water thru 2-3/8" tubing 20/64" choke in 24 hours.

Witnessed by Mr. C. C. Brown Gulf Oil Corporation Field Foreman  
Name Company Title

APPROVED:  
OIL CONSERVATION COMMISSION

*Ray Yankovich*  
Name  
Oil & Gas Inspector  
Title  
Date

I hereby swear or affirm that the information given above is true and correct.

Name *Char Taylor*  
Position Area Prod. Supt.  
Representing Gulf Oil Corporation  
Company or Operator  
Address Box 2167, Hobbs, New Mexico