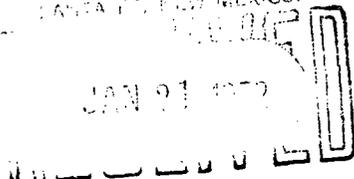




# SHELL OIL COMPANY

INCORPORATED

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO.



THIS LETTER IS FROM OUR  
FIELD OFFICE

Box 1957  
AT Hobbs, New Mexico

January 18, 1952

Oil Conservation Commission  
State of New Mexico  
Santa Fe, New Mexico

Subject: Application to Dually Complete  
Shell Turner 2, Drinkard Field,  
Lea County, New Mexico as a Tubb  
(Gas)-Drinkard (Oil) Well

Gentlemen:

By means of this application the Shell Oil Company wishes to state the following:

a) That Shell Turner 2, located in the NW/4 of the SW/4 of Section 22-21S-37E, was completed in March 1948 at a total depth of 6627 feet. The appended Exhibit A shows the location of this and all other wells on the Turner lease together with the locations of all offset wells.

b) That the said well was completed as an oil well producing from perforated intervals between 6571 feet and 6615 feet in the Drinkard formation after having been drilled through the Tubb gas productive interval extending from approximately 6000 feet to 6260 feet. These data are depicted on the appended Exhibit B.

c) That the applicant proposes to (1) perforate the 5-1/2-inch casing opposite the Tubb gas-productive horizons and (2) set a Baker production packer at approximately 6450 feet and a Cameron anchor-type packer at approximately 6440 feet in the 5-1/2-inch casing which is cemented at 6626 feet.

d) That the applicant proposes to dually complete the said well to produce oil from the Drinkard formation through the tubing and gas from the Tubb formation through the 5-1/2-inch casing. The manner and method of the proposed dual completion are shown on Exhibit C.

e) That the granting of this application for permission to produce dually oil from the Drinkard formation and gas from the Tubb formation is in the interests of conservation and the protection of correlative rights.

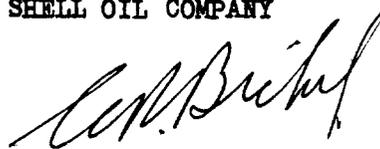
f) That the applicant will do such things as may be required of it by the New Mexico Oil Conservation Commission in the maintenance of separation of production from said two horizons.

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

Therefore, the Shell Oil Company requests that the Oil Conservation Commission set a certain day upon which this application may be heard and after said hearing to grant permission in order that the applicant may dually complete Turner 2 so that oil from the Drinkard formation may be produced through the tubing and gas from the Tubb formation through the casing.

Respectfully submitted,

SHELL OIL COMPANY



BY: C. R. Bickel  
Division Manager



## SHELL OIL COMPANY

THIS LETTER IS FROM OUR  
FIELD OFFICE

AT Box 1957  
Hobbs, New Mexico

February 27, 1952

Subject: Case 342 -  
Dual Completion of  
Shell-Turner No. 2

Oil Conservation Commission  
State of New Mexico  
Santa Fe, New Mexico

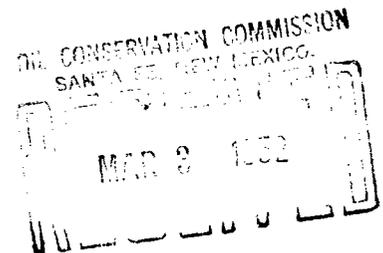
Gentlemen:

This letter is with regard to Case No. 342 which was heard before the Commission February 21, 1952 to consider the application of Shell for an order permitting the delayed dual completion of its Turner No. 2 in such a manner as to permit production of gas from the Tubb formation and oil from the Drinkard, said well originally having been completed in March 1948 as an oil well only.

In order to more thoroughly determine the merits of this application, the Commission examiners asked for information regarding the sulfur content of Tubb gas in this area. Since this information was not readily available to the Shell representative, Mr. W. A. Scott, at the time of the hearing, we respectfully submit the following supplemental data to be included with the application for Case No. 342.

Available data from the two Tubb gas producers nearest Shell Turner No. 2 are tabulated below.

- (1) Trinity Weatherly No. 1-E  
SW/4 NE/4 Sec. 21, T-21-S, R-37-E  
Single zone Tubb well  
Hydrogen sulfide content: zero
- (2) Cone Anderson No. 1  
NE/4 SE/4 Sec. 21, T-21-S, R-37-E  
Direct west offset to Shell Turner No. 2  
Tubb (gas) - Drinkard (oil) dual producer  
Total sulfur content: 0.05 grains per 100 cu. ft. of gas



Oil Conservation Commission

Page 2

February 27, 1952

In light of the above information, we wish to inform you that the Tubb gas, in the area of Shell Turner No. 2, is considered to be "sweet" and not to contain sulfur in a large enough quantity to be corrosive.

We wish to thank you for allotting sufficient time for this information to be obtained. If there is any further information found to be needed for the consideration of this case we will be happy to be of any assistance.

Yours very truly,

A handwritten signature in cursive script, appearing to read 'C. R. Bickel', written in dark ink.

C. R. Bickel  
Division Manager