

# STANOLIND OIL AND GAS COMPANY

FAIR BUILDING

FORT WORTH, TEXAS

C. F. BEDFORD  
DIVISION PRODUCTION SUPERINTENDENT

November 18, 1949

File: JEF-8631-171

Subject: Request for Allowable Reduction  
Brunson Pool, Lea County, New  
Mexico

*Cast*

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

Gentlemen:

This will have reference to the application of the Rowan Oil Company for reduction of the top per well allowable in the Brunson Pool, the hearing for which has been set for November 22, 1949.

As operator in the Brunson Pool, we wish to respectfully request that the application of the Rowan Oil Company to reduce the top per well allowable to 90 barrels of oil per day be considered favorably. We believe that such a reduction in allowable is necessary in order to allow operators in the pool opportunity to observe the reservoir performance under decreased withdrawals. We believe that the procedure outlined in the applicant's petition is in the interest of conservation and waste prevention.

Very truly yours,

*C. F. Bedford*

BRL/lp

OIL CONSERVATION COMMISSION  
NOV 21 1949

October 18, 1949

*Case*  
*202*

Mr. A. H. Rowan  
Rowan Oil Company  
Fort Worth, Texas

Dear Mr. Rowan:

We have your petition of October 14, 1949 where you ask for a hearing before the Commission concerning rapid decline in bottom hole pressure of the Brunson field and corrective measures to be taken to conserve reservoir energy.

The Commission requires three copies of a petition together with supporting data. Therefore, we would appreciate receiving two more copies of petition of October 14.

We shall advise you of the earliest date this matter can be brought up before the Commission.

Very truly yours,

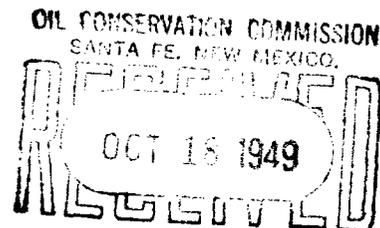
bpw

Secretary and Director

# ROWAN OIL COMPANY

COMMERCIAL STANDARD BUILDING  
FORT WORTH 2, TEXAS

TELEPHONE 2-2393  
L. D. 193



October 14, 1949

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

ATTENTION: Mr. R. R. Spurrier

Gentlemen:

On September 27, 1949, and October 11, 1949, the Brunson Pool Operators Committee met for the purpose of discussing the rapid decline in bottom hole pressure of the Brunson field and what corrective measures, if any, should be taken to retain the remaining reservoir energy.

As a result of these meetings, it is respectfully requested that a hearing be scheduled before the Oil Conservation Commission for the purpose of our petitioning the Commission to reduce the current top per well allowable of each well in the Brunson field to 90 barrels per day for a 6 months test period only in order that the performance of the reservoir can be studied and that data under reduced withdrawal rates can be obtained. The data thus obtained will be of utmost importance in determining the maximum efficient rate of production of the reservoir.

Specifically, the procedure to be recommended as a part of the above petition is as follows:

1. A general bottom hole pressure survey will be taken of all wells in the Brunson field in the manner prescribed by the Oil Conservation Commission and immediately prior to the effective date of the reduced allowable.
2. A limited number of key wells, to be designated by the sub-committee of the Brunson Pool Operators Committee, will have gas-oil ratio tests taken immediately prior to the bottom hole pressure survey outlined above. In addition, gas-oil ratio tests and bottom hole pressure tests as prescribed by the Commission will be taken on the designated key wells only at 60-day intervals until a total of 6 months has elapsed.

State of New Mexico  
Oil Conservation Commission  
ATTENTION: Mr. Spurrier  
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3. During the 6 month period, the top per well allowable for the Brunson field will be fixed at 90 barrels of oil per day. Wells producing gas in excess of the limiting gas-oil ratio of 2000 cubic feet per barrel will be penalized downward from 90 barrels per day.
4. Immediately prior to the termination of the 6 month test period, a general bottom hole pressure survey will again be taken of all wells in the Brunson field in the manner prescribed by the Oil Conservation Commission.
5. At the end of the test period, the top per well allowable for the Brunson field will revert to the normal as presently prescribed by the Oil Conservation Commission.

The results of all bottom hole pressure and gas-oil ratio tests enumerated above will be made available to all operators in the field for review and study. Further recommendations to the Commission will be made subsequent to the accumulation of this data, if recommendations are in order.

The above request is submitted in the interest of conservation and to eliminate waste of the natural resources of the State of New Mexico.

Yours very truly,

ROWAN OIL COMPANY



A. H. Rowan

Enclosure: (Supplemental Report - Brunson Pool - June 30, 1949)

CC: Lea County Operators Committee  
Hobbs, New Mexico

RTD:blp

ROWAN OIL COMPANY

COMMERCIAL STANDARD BUILDING

FORT WORTH 2, TEXAS

Copy

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Santa Fe, New Mexico

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