

THE APPLICATION OF DEVON ENERGY PRODUCTION CO., INC. TO CONSIDER PERMANENT FIELD RULES FOR THE LEA (TUBB) FIELD, CRANE COUNTY, TEXAS

Heard by: Donna K. Chandler on July 21, 2000

Appearances:

Representing:

John Soule
Frank Williams

Devon Energy

EXAMINER'S REPORT AND RECOMMENDATION

STATEMENT OF THE CASE

Devon Energy Production Co. requests that permanent field rules be adopted for the Lea (Tubb) Field. The proposed rules are summarized as follows:

1. Designation of the field as the correlative interval from 4,392 feet to 4,784 feet as shown on the log of the P. J. Lea Well No. 117;
2. 330'-660' well spacing;
3. 20 acre units plus 10 acre tolerance and a maximum diagonal of 1,500 feet;
4. Allocation based on 100% acreage.

This application was unopposed and the examiner recommends adoption of the field rules proposed by Devon Energy.

DISCUSSION OF EVIDENCE

The Lea (Tubb) Field was discovered in 1955 at a depth of approximately 4,400 feet. There are 21 wells carried in the field, 18 of which are operated by Devon Energy. Siana Oil & Gas operates one well and Tomlea Oil & Gas operates two wells. Cumulative production from the field is over 1.5 million BO and 1.9 BCF of gas.

Cumulative recoveries for wells in the field range from less than 5,000 BO to over 200,000 BO. Devon has calculated drainage areas for 25 wells which have produced from the field. The overall average drainage area is 18 acres, assuming 10% recovery efficiency, and 12 acres, assuming 15% recovery efficiency. Additional development in the field on 20 acre density will maximize recovery from the field.

FINDINGS OF FACT

1. Notice of this hearing was given to all persons entitled to notice at least ten days prior to the date of hearing.
2. The Lea (Tubb) Field was discovered in 1955 at a depth of approximately 4,400 feet. There are 21 wells carried in the field.
3. Cumulative recoveries for wells in the field range from less than 5,000 BO to over 200,000 BO.
4. Further development of this field on 20 acre density is appropriate.
 - a. The overall average drainage area for 25 of Devon's wells is 18 acres, assuming 10% recovery efficiency.
 - b. Assuming 15% recovery efficiency, the average drainage area of the 25 wells is 12 acres.
5. The requested well spacing is standard for 20 acre density.

CONCLUSIONS OF LAW

1. Proper notice of this hearing was issued.
2. All things have been accomplished or have occurred to give the Commission jurisdiction in this matter.
3. Adoption of the proposed field rules for the Lea (Tubb) Field will prevent waste, protect correlative rights and promote development of the field.

RECOMMENDATION

Based on the above findings and conclusions of law, the examiner recommends that the Commission adopt the field rules proposed by Devon Energy Production Co. for the Lea (Tubb) Field.

Respectfully submitted,

Donna K. Chandler
Technical Examiner