

THE APPLICATION OF TENNECO OIL
COMPANY FOR A DUAL COMPLETION.



ORDER NO. MC-1755

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A, Tenneco Oil Company made application to the New Mexico Oil Conservation Commission on February 2, 1967, for permission to dually complete its Dawson Federal Well No. 1 located in Unit D of Section 26, Township 27 North, Range 8 West, NMPM, San Juan County, New Mexico, in such a manner as to produce gas from the Blanco-Mesaverde Pool and the Basin-Dakota Pool.

NOW, on this 10th day of March, 1967, the Secretary-Director finds:

(1) That application has been duly filed under the provisions of Rule 112-A of the Commission's Rules and Regulations;

(2) That satisfactory information has been provided that all operators of offset acreage have been duly notified; and

(3) That no objections have been received within the waiting period as prescribed by said rule.

(4) That the proposed dual completion will not cause waste nor impair correlative rights.

(5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Tenneco Oil Company, be and the same is hereby authorized to dually complete its Dawson Federal Well No. 1 located in Unit D of Section 26, Township 27 North, Range 8 West, NMPM, San Juan County, New Mexico, in such a manner as to produce gas from the Blanco-Mesaverde Pool and the Basin-Dakota Pool through the casing-tubing annulus and the tubing, respectively.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Deliverability Test Period for the Basin-Dakota Pool.

IT IS FURTHER ORDERED:

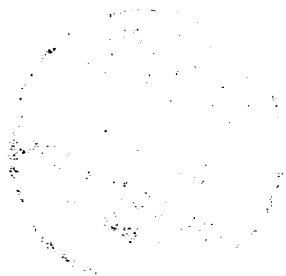
That jurisdiction of this cause is hereby retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr.
Secretary-Director

S E A L



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1. The first part of the paper is devoted to a discussion of the general properties of the system of equations (1) and (2) and to the construction of the fundamental solutions. It is shown that the system is hyperbolic and that the fundamental solutions are unique. The second part of the paper is devoted to the construction of the Green's function for the system. It is shown that the Green's function exists and is unique. The third part of the paper is devoted to the construction of the asymptotic expansion of the Green's function for large values of the parameter ϵ . It is shown that the asymptotic expansion exists and is unique. The fourth part of the paper is devoted to the construction of the asymptotic expansion of the Green's function for small values of the parameter ϵ . It is shown that the asymptotic expansion exists and is unique.

REFERENCES

1. A. I. Lomov, *Asymptotic Methods in the Theory of Differential Equations*, Moscow, 1960.
2. A. I. Lomov, *Asymptotic Methods in the Theory of Differential Equations*, Moscow, 1960.
3. A. I. Lomov, *Asymptotic Methods in the Theory of Differential Equations*, Moscow, 1960.
4. A. I. Lomov, *Asymptotic Methods in the Theory of Differential Equations*, Moscow, 1960.
5. A. I. Lomov, *Asymptotic Methods in the Theory of Differential Equations*, Moscow, 1960.
6. A. I. Lomov, *Asymptotic Methods in the Theory of Differential Equations*, Moscow, 1960.
7. A. I. Lomov, *Asymptotic Methods in the Theory of Differential Equations*, Moscow, 1960.
8. A. I. Lomov, *Asymptotic Methods in the Theory of Differential Equations*, Moscow, 1960.
9. A. I. Lomov, *Asymptotic Methods in the Theory of Differential Equations*, Moscow, 1960.
10. A. I. Lomov, *Asymptotic Methods in the Theory of Differential Equations*, Moscow, 1960.

APPENDIX

1. The first part of the appendix is devoted to a discussion of the general properties of the system of equations (1) and (2) and to the construction of the fundamental solutions. It is shown that the system is hyperbolic and that the fundamental solutions are unique. The second part of the appendix is devoted to the construction of the Green's function for the system. It is shown that the Green's function exists and is unique. The third part of the appendix is devoted to the construction of the asymptotic expansion of the Green's function for large values of the parameter ϵ . It is shown that the asymptotic expansion exists and is unique. The fourth part of the appendix is devoted to the construction of the asymptotic expansion of the Green's function for small values of the parameter ϵ . It is shown that the asymptotic expansion exists and is unique.