

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A, Southern Union Production Company made application to the New Mexico Oil Conservation Commission on November 17, 1970, for permission to dually complete its Jicarilla "G" Well No. 9 located in Unit B of Section 1, Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to produce gas from the Blanco-Mesaverde Pool and the Basin-Dakota Pool.

NOW, on this 7th day of December, 1970, 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, Southern Union Production Company, be and the same is hereby authorized to dually complete its Jicarilla "G" Well No. 9 located in Unit B of Section 1, Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to produce gas from the Blanco-Mesaverde Pool and the Basin-Dakota Pool through parallel strings of tubing.

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.

IT IS FURTHER ORDERED:

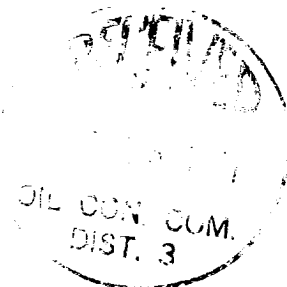
That jurisdiction of this cause is hereby retained for the entry of such further orders as the Commission may deem necessary.

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



the  $\mathbb{R}^n$ -valued function  $\mathbf{f}$  is called a *vector field* on  $M$ . We denote the space of all vector fields on  $M$  by  $\mathcal{V}(M)$ .

**Definition 1.1.** Let  $\mathbf{f}$  be a vector field on  $M$ . The *flow* of  $\mathbf{f}$  is the map  $\phi_t$  from  $M$  to  $M$  defined by

the differential equation  $\frac{d}{dt}\phi_t(p) = \mathbf{f}(\phi_t(p))$  for all  $p \in M$  and  $t \in \mathbb{R}$ . The flow of  $\mathbf{f}$  is a one-parameter family of diffeomorphisms of  $M$  satisfying  $\phi_0 = \text{id}$  and  $\phi_{t+s} = \phi_t \circ \phi_s$  for all  $t, s \in \mathbb{R}$ . The flow of  $\mathbf{f}$  is denoted by  $\phi_t$ .

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