

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 2, 1979

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Clifford Cone  
P. O. Box 1148  
Lovington, New Mexico 88260

Attention: Mr. Don R. Bell

Re: WFX-468

Gentlemen:

This is with reference to your letter of December 18, 1978, wherein you request an increase in the injection pressure from 600 psi to 1600 psi for your Culwin Queen Unit Well No. 13-A, Section 1, Township 19 South, Range 30 East, Eddy County, New Mexico.

Before an increase in the injection pressure can be authorized, it will be necessary that you conduct a step-rate or similar test on this well to determine the formation fracture pressure. When this pressure has been established, I can then determine if an increase is warranted.

Yours very truly,

JOE D. RAMEY  
Director

JDR/fd

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 341

LECTURE 10

1998

10

1. The first part of the lecture discusses the concept of a vector field and how it is used to describe the motion of particles in a fluid. It also introduces the idea of a stream function and how it is related to the velocity field.

2. The second part of the lecture discusses the concept of a potential function and how it is used to describe the motion of particles in a fluid. It also introduces the idea of a stream function and how it is related to the velocity field.

3. The third part of the lecture discusses the concept of a stream function and how it is used to describe the motion of particles in a fluid.

4. The fourth part of the lecture discusses the concept of a stream function and how it is used to describe the motion of particles in a fluid.

5. The fifth part of the lecture discusses the concept of a stream function and how it is used to describe the motion of particles in a fluid.