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AUG 22 1997

August 21, 1997

Oil Conservation Division  
State of New Mexico  
2040 So. Pacheco  
Santa Fe, NM 87505

Case 11851

Attention: Ms. Florene Davidson

***RE: APPLICATION FOR AUTHORIZATION TO INJECT FOR SECONDARY RECOVERY***

Dear Ms. Davidson:

Okie Operating Company, Limited Partnership (hereinafter "Okie") respectfully requests the Oil Conservation Division set for hearing on **September 18, 1997**, Okie's Application for Authorization to Inject For Secondary Recovery (hereinafter "Application"). A copy of the Application is enclosed.

Here, Okie owns 100% of the proposed injection well and the well from which water will be produced. The correlative rights of all royalty owners will be protected by the granting of the requested relief. Okie's Application seeks authority to inject produced water from Okie's Hutcherson #1 well into Okie's W.V. Hutcherson #1 well for secondary recovery. Since the purpose of injection is secondary recovery, a hearing is required.

The average injection rate will be 100 BWPD and the maximum injection rate will be 200 BWPD. The system will be open. The average injection pressure will be 500 psi and the maximum injection pressure will be 900 psi. The injection zone is productive of oil within one mile of the injection well. The injection zone is the San Andres formation which has produced over 107,000 BO from four wells in this field. The reservoir is now pressure depleted. The formation is dolomite with a gross thickness in excess of 1000 feet. The depth to the top of the San Andres is 3790 feet in the proposed injection well. There are no underground sources of drinking water above or below the San Andres formation.

The San Andres formation will be acidized with approximately 5000 gallons of 15 per cent hydrochloric acid prior to converting to injection. The proposed injection well has been previously fracture treated. Well logs have been filed with the Division.. A copy of the chemical analysis of water is attached to the Application. All available geological and engineering data has been examined and no evidence of open faults or any other hydrological connection between the injection zone and underground source of drinking water was found.

Ms. Florene Davidson  
Oil Conservation Division  
August 21, 1997  
*Application For Hearing - Page 2*

Notice of the Application was published in the Portales New-Tribune on July 17, 1997, and notice has also been provided by certified mail to the surface owner. This matter is expected to be uncontested.

Okie respectfully requests its Application be placed on the docket of the Oil Conservation Division for hearing on **September 18, 1997**. Please direct all notices regarding this Application to my attention at Okie Operating Company, Limited Partnership, 715 Mid Continent Tower, Tulsa, Oklahoma 74103. In the event you require anything further please call me at (918) 582-2501.

Thank you for your assistance in setting this matter for hearing.

Yours very truly,

A handwritten signature in cursive script that reads "Thomas M. Atkinson".

Thomas M. Atkinson

Enclosure - Application