



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

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CABINET SECRETARY

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SANTA FE, NEW MEXICO 87504  
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*ADMINISTRATIVE ORDER SWD-568*

***APPLICATION OF MATADOR OPERATING COMPANY FOR SALT WATER DISPOSAL,  
CHAVES COUNTY, NEW MEXICO.***

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), Matador Operating Company made application to the New Mexico Oil Conservation Division on August 25, 1994, for permission to complete for salt water disposal its V.G. Kinahan Federal Well No. 1 located 660 feet from the South line and 1980 feet from the East line (Unit O) of Section 20, Township 15 South, Range 30 East, NMPM, Chaves County, New Mexico.

**THE DIVISION DIRECTOR FINDS THAT:**

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

**IT IS THEREFORE ORDERED THAT:**

The applicant herein, Matador Operating Company is hereby authorized to complete its V.G. Kinahan Federal Well No. 1 located 660 feet from the South line and 1980 feet from the East line (Unit O) of Section 20, Township 15 South, Range 30 East, NMPM, Chaves County, New Mexico, in such manner as to permit the injection of salt water for disposal purposes into the Queen formation at approximately 2176 feet to 2217 feet through 2 7/8-inch plastic-lined tubing set in a packer located at approximately 2125 feet.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 435 psi.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Queen formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Hobbs district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

PROVIDED FURTHER THAT, jurisdiction of this cause is hereby retained by the Division for the entry of such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

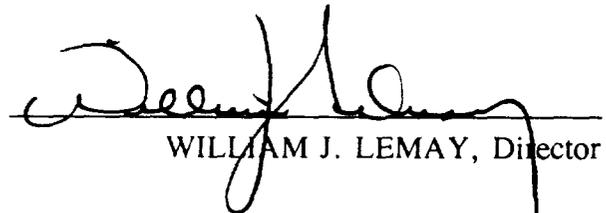
The operator shall submit monthly reports of the disposal operations in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

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The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Approved at Santa Fe, New Mexico, on this 15th day of September, 1994.

  
WILLIAM J. LEMAY, Director

WJL/BES/amg

xc: Oil Conservation Division - Hobbs  
US Bureau of Land Management - Carlsbad

**CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS**

Operator: MATADOR OPERATING CO. Well: V.G. KIVAHAN FED. WELL No. 1  
Contact: PATTI LANKFORD / BURKE Title: SEC TO BURKE Phone: 915-687-5955  
DATE IN 8-25-94 RELEASE DATE 9-13-94 DATE OUT 9-13-94

Proposed Injection Application is for:  WATERFLOOD  Expansion  Initial

Original Order: R-   Secondary Recovery  Pressure Maintenance

SENSITIVE AREAS  SALT WATER DISPOSAL

WIPP  Capitan Reef  Commercial Operation

Data is complete for proposed well(s)? YES Additional Data \_\_\_\_\_

**AREA of REVIEW WELLS**

5 Total # of AOR 1 # of Plugged Wells  
\* Tabulation Complete YES Schematics of P & A's  
YES Cement Tops Adequate NO AOR Repair Required

**INJECTION INFORMATION**

Injection Formation(s) QUEEN  
Source of Water AREA PRODUCERS Compatible

**PROOF OF NOTICE**

Copy of Legal Notice  Information Printed Correctly  
 Correct Operators  Copies of Certified Mail Receipts  
N/A Objection Received  Set to Hearing \_\_\_\_\_ Date

NOTES: \* NEED ORIGINAL CEMENT VOLUMES

**APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL YES**

**COMMUNICATION WITH CONTACT PERSON:**

1st Contact:  Telephoned  Letter 9-12-94 Date Nature of Discussion AS ABOVE  
2nd Contact:  Telephoned  Letter \_\_\_\_\_ Date Nature of Discussion \_\_\_\_\_  
3rd Contact:  Telephoned  Letter \_\_\_\_\_ Date Nature of Discussion \_\_\_\_\_