

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

*ADMINISTRATIVE ORDER NO. SWD-394*

*APPLICATION OF YATES PETROLEUM CORPORATION*

**ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), Yates Petroleum Corporation made application to the New Mexico Oil Conservation Division on July 16, 1990, for permission to complete for salt water its Pathfinder "AFT" Well No. 7, located in Unit F of Section 21, Township 10 South, Range 27 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; and
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met.
- (4) No objections have been received within the waiting period prescribed by said rule.

**IT IS THEREFORE ORDERED THAT:**

- (1) The applicant herein, Yates Petroleum Corporation is hereby authorized to complete its Pathfinder "AFT" Well No. 7 located in Unit F of Section 21, Township 10 South, Range 27 East, NMPM, Chaves County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Basal San Andres and Glorieta formations at approximately 2450 feet to approximately 2650 feet through 2 7/8-inch plastic-lined tubing set in a packer located at approximately 2400 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 490 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 Basal San Andres and Glorieta formations. 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 Artesia 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 Artesia 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.

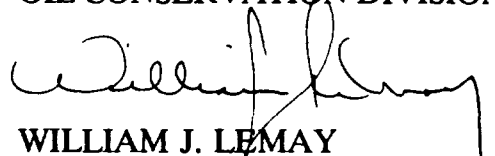
**PROVIDED FURTHER THAT,** jurisdiction of this cause is hereby retained by the Division for such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which 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 706 and 1120 of the Division Rules and Regulations.

*Administrative Order No. SWD-394*  
*Yates Petroleum Corporation*  
*July 31, 1990*  
*Page 3*

Approved at Santa Fe, New Mexico, on this 31st day of July, 1990.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY  
Director

S E A L

MARTIN YATES, III  
1912 - 1985

FRANK W. YATES  
OIL 1936 - 1986

RECEIVED

'90 JUL 16 AM 9 45



105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210  
TELEPHONE (505) 748-1471

S. P. YATES  
CHAIRMAN OF THE BOARD  
JOHN A. YATES  
PRESIDENT  
PEYTON YATES  
EXECUTIVE VICE PRESIDENT  
RANDY G. PATTERSON  
SECRETARY  
DENNIS G. KINSEY  
TREASURER

July 13, 1990

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

ATTN: David Catanach

RE: C-108 Salt Water Disposal Application  
Pathfinder AFT State #7  
F 21-10S-27E

Dear Mr. Catanach:

Yates Petroleum Corporation respectfully requests administrative approval for salt water disposal into the Glorieta and Basal San Andres formations for the Pathfinder AFT #7, located in Unit F of Section 21, Township 10 South, Range 27 East of Chaves County, New Mexico.

We have attached the completed C-108. Should you have any questions, please do not hesitate to contact me at 748-1471 ext. 181.

Thank you.

Sincerely,

Theresa Padilla  
Petroleum Engineer

TP/cvg

Enclosure