

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS. COMMISSION
Drawer DD
Albuquerque, NM 88210

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

NOV 17 1993

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EXXON CORPORATION ATTN: REGULATORY AFFAIRS

3. Address and Telephone No.

P. O. BOX 1600 MIDLAND, TX 79702 (915) 688-7871

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

3300 FSL & 660 FWL SEC. 1, T21S-R27E

5. Lease Designation and Serial No.

NM 46275

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
BURTON FLAT B FEDERAL
4

9. API Well No.

3001524829

10. Field and Pool, or Exploratory Area

UNDESIGNATED BONE SPRINGS

11. County or Parish, State

EDDY

NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

NTL-2B PERMIT

(Note: Report results of multiple completion on Well Completion or
Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WELL PRODUCES LESS THAN 1 BWPD. IT IS STORED IN A 1000 BBL TANK.
WATER IS TRUCKED OFF LEASE BY SCURLOCK PERMIAN TO EXXON'S YATES
FEDERAL 'C' #2 LOCATED IN SEC. 31, T20S-R28E IN EDDY COUNTY.
(DISPOSAL PERMIT #SWD-469 DATED APRIL 8, 1992)

14. I hereby certify that the foregoing is true and correct

Signed

Marsha Wilson

Title

MARSHA WILSON
STAFF OFFICE ASSISTANT

Date

10-11-93

(This space for Federal or State office use)

Approved by

Adam Salameh

Title

Petroleum Engineer

Date

11/10/93

Conditions of approval, if any:

SEE ATTACHED

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Disposal of Produced Water From Federal Wells

Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. This agency be notified of any change in your method or location of disposal.
2. Compliance with all provisions of NTL-2B.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. All aboveground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days if you have not already done so.
6. Any on lease open top storage tanks or pits shall be covered with a wire screen or plastic/nylon netting to prevent entry by birds and other wildlife.
7. This approval does not constitute right-of-way approval for any off lease activities. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.



Laboratory Services
1331 Tasker Drive
Hobbs, New Mexico 88240
(505) 397-3713

WATER ANALYSIS

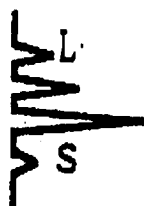
COMPANY	Exxon Company USA		
SAMPLE	Burton Flat Fed. B #1		
SAMPLED BY			
DATE TAKEN	3-17-93		
REMARKS			
Nitrate	27.5		
Barium as Ba	100		
Carbonate alkalinity PPM	0		
Bicarbonate alkalinity PPM	720		
pH At Lab	6.73		
Specific Gravity @ 60 F	1.065		
Magnesium as Mg	3.596		
Total Hardness as CaCO ₃	6.200		
Chlorides as CL	49.420		
Sulfate as SO ₄	250		
Iron as Fe	0.5		
Potassium	65.625		
Hydrogen Sulfide	117.9		
Resistivity Ohms	0.140	@	22.3 C
Total Dissolved Solids	84.250		
Carbonate as CO ₃ G/L	1.10		
Calcium as CA	2.604		
<u>Results reported as Parts Per Million Unless Stated.</u>			

Langelier Saturation Index + 0.93

Analysis By: Rolland Perry
Date: 3/20/93

MAR 30 1993

NGPA Permits



Laboratory Services
1331 Tasker Drive
Hobbs, New Mexico 88240
(505) 397-3713

WATER ANALYSIS

COMPANY	Exxon Company USA		
SAMPLE	Burton Flat Fed. B #2		
SAMPLED BY			
DATE TAKEN	3-17-93		
REMARKS			
Nitrate	0		
Barium as Ba	0		
Carbonate alkalinity PPM	0		
Bicarbonate alkalinity PPM	548		
pH At Lab	7.45		
Specific Gravity @ 60 F	1.012		
Magnesium as Mg	1.566		
Total Hardness as CaCO3	2.700		
Chlorides as CL	9.531		
Sulfate as SO4	0		
Iron as Fe	1.5		
Potassium	26.25		
Hydrogen Sulfide	0		
Resistivity Ohms	5.750	@	22.1 C
Total Dissolved Solids	15.250		
Carbonate as CO3 G/L	0		
Calcium as CA	1.134		

Results reported as Parts Per Million Unless Stated.

Langelier Saturation Index + 1.28

Analysis By: Rolland Perry
Date: 3/20/93

MAR 30 1993

NGPA Permits

MMU
4-22-92ST



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



BRUCE KING
GOVERNOR

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

ADMINISTRATIVE ORDER NO. SWD-469

APPLICATION OF EXXON COMPANY, USA

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Rule 701(B), Exxon Company, USA made application to the New Mexico Oil Conservation Division on March 25, 1992, for permission to complete for salt water disposal its Yates Federal "C" No. 2 located in Unit J of Section 31, Township 20 South, Range 28 East, NMPM, Eddy 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, Exxon Company, USA is hereby authorized to complete its Yates Federal "C" No. 2 located in Unit J of Section 31, Township 20 South, Range 28 East, NMPM, Eddy County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Wolfcamp formation at approximately 9004 feet to approximately 9130 feet through 2 7/8 inch plastic lined tubing set in a packer located at approximately 8904 feet.

APR 16 92

Administrative Order No. SWD-469

Exxon Company, USA

April 8, 1992

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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 1800 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 Wolfcamp 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 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.

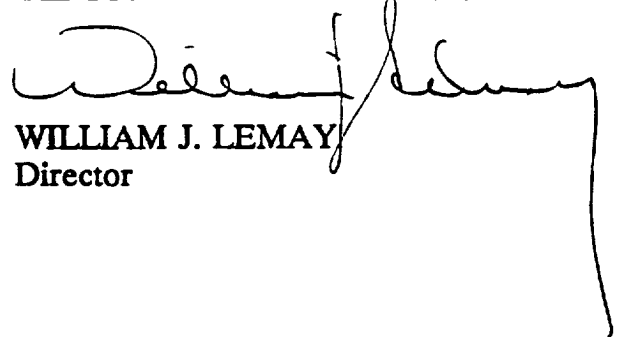
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PROVIDED FURTHER THAT jurisdiction of this cause is hereby retained by the Division for such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator 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.

Approved at Santa Fe, New Mexico, on this 8th day of April, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

S E A L

cc: Oil Conservation Division - Artesia
US Bureau of Land Management - Carlsbad

jc\