

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

agm
N. M. OIL CONS. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM0897

6. If Indian, Allottee or Tribe Name

7. If Unit or C/A, Agreement Designation

8. Well Name and No.

Fletcher A DE Fed #2

9. API Well No.

35-025-02468

10. Field and Pool, or Exploratory Area

Lynch Yates Seven Rivers

11. County or Parish, State

Lea county, New Mexico

SUMMARY 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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Devon Energy Corporation

3. Address and Telephone No.

20 N. Broadway, Suite 1500, Oklahoma City, OK 73102 (405) 236-4258

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

330' FSL & 330' FEL
Sec. 27, T20S, R34E

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
☒ Dispose Water

(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.)*

The information you requested to approve our disposal method as per your letter April 29, 1993.

- A. The formation producing water, Yates-Seven Rivers.
B. Approximately 3 bbls of water per day.
C. Water analysis: Attached
D. Water stored at battery in a 500 bbl tank.
E. Water is transported by General Petroleum Inc.
F. Water is taken to the St. A J Disposal
Unit G
2310 FNL & 2310 FEL
Sec. 33, T18S, R36E
Permit # R8166

RECEIVED
MAY 17 1 02 PM '93
BUREAU OF LAND MGMT.
HOBBS, NM

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

Signed

Joe G. Lara

Title

Dir. & Prod. Foreman

Date

5-13-93

(This space for Federal or State office use)

Approved by

(Orig. Sign) Joe G. Lara

Title

Date

MAY 15 1993

Conditions of approval, if any:

see attached

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

WATER ANALYSIS REPORT

Lab ID No. : 060188A

Analysis Date: May 7 1993

Company : Devon Energy Corporation
 Field :
 Lease/Unit : Fletcher
 Well ID. :
 Sample Loc.:

Sampled By : Max Hawthorne
 Sample Date: *
 Salesperson:
 Formation :
 Location : Hobbs, New Mexico

CATIONS	MG/L	MEQ/L	ANIONS	MG/L	MEQ/L
Calcium as Ca++	1,337	66.9	Hydroxyl as OH-	0	0.0
Magnesium as Mg++	232	19.0	Carbonate as CO3=	0	0.0
Sodium as Na+ (Calc)	3,531	153.5	Bicarbonate as HCO3-	1,102	18.1
Barium as Ba++	Not Determined		Sulfate as SO4=	2,500	52.1
Other	0		Chloride as Cl-	5,999	109.2

Total Dissolved Solids, Calculated: 14,700 mg/L.

Calculated Resistivity: 0.365 ohm-meters
 mg/L. Hydrogen Sulfide: Present
 mg/L. Carbon Dioxide: Not Determined
 mg/L. Dissolved Oxygen: Not Determined

pH: 7.710
 Specific Gravity 60/60 F.: 1.013
 Saturation Index @ 80 F.: +1.529
 @ 140 F.: +2.389

Total Hardness: 4,288 mg/L. as CaCO3
 Total Iron: 2.6 mg/L. as Fe++

PROBABLE MINERAL COMPOSITION

	COMPOUND	MG/L	MEQ/L
	Ca(HCO3)2	1,464	18
Calcium Sulfate Scaling Potential Mild to Moderate	CaSO4	3,322	49
	CaCl2	0	0
Estimated Temperature of Calcium Carbonate Instability is 52 F.	Mg(HCO3)2	0	0
	MgSO4	197	3
	MgCl2	748	16
	NaHCO3	0	0
	Na2SO4	0	0
Analyst	NaCl	8,974	154
10:11 AM			



INDIAN
fire and safety, inc.

TELEPHONE (505) 393-3093 or (505) 397-3884 — 1-800-530-8693
3317 WEST COUNTY ROAD • P.O. BOX 1306
HOBBS, N.M. 88241-1306

DEVON ENERGY CORPORATION

Fletcher A D.E. Federal

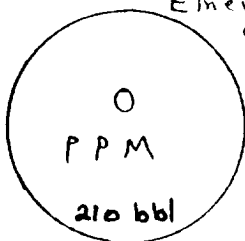
N

Sec. 27, T-20-S, R-34-E
Lea County, New Mexico

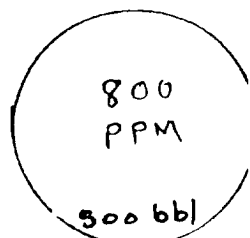
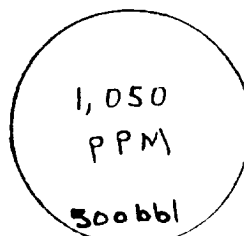
Produced
Water

Oil

Not Used
Emergency
only



W



E

S

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.