

N. M. OIL CONS. COMMISSION
P. O. BOX 1900
HOBBS, NEW MEXICO 88240

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ANADARKO PETROLEUM CORPORATION

3. Address and Telephone No.

P O DRAWER 130 ARTESIA NM 88211-0130

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

2180' FSL & 1980' FEL Sec 22, T18S, R32E

FORM APPROVED

Budget Bureau No. 1004 0115

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-04968

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Federal J #1

9. API Well No.

30-025-28148 ✓

10. Field and Pool, or Exploratory Area

Querecho Plains Qn Assoc

11. County or Parish, State

Lea Co., 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 NTL-2B
☐ 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 1)

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.)*

SEE ATTACHED 3162-4 (067A)

RECEIVED
APR 21 1 10 PM '93
CARL
AREA

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

Signed Howard H. Hackett

Title Field Foreman

Date 4-21-93

(This space for Federal or State office use)

Approved by Joe J. Lara

Title PETROLEUM ENGINEER

Date 6/3/93

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 instructions on Reverse Side

RECEIVED

APR 27 1 18 PM '93

CARL
AREA

April 2, 1993



3162.4 (067A)

CERTIFIED MAIL

Bureau of Land Management
Lea County Inspection Section
P. O. Box 1157
Hobbs, NM 88240-1157

Re: NTL-2B
Federal "J"
NW/4 SW/4 Sec 22, T18S, R32E,
Lea County, New Mexico
NM 04868

Gentlemen:

The checklist of information which is needed for approval of disposing water at the Federal "J", NW/4 SW/4 Sec 22, T18S, R32E, Lea County, New Mexico, is as follows:

- (a) Well produces from the Queen formation.
- (b) Amount of water produced = 2 bbls/day.
- (c) Water Analysis (attached).
- (d) Water is stored on the lease in tank or tanks.
- (e) Water is trucked to or injected into approved facilities.
- (f) Anadarko Petroleum Corporation, Operator.
See attached list for well name and location of disposal facility.
- (g) See attached list for permit number, well name, number and location.

Yours very truly,

Howard D. Hackett
Field Foreman

HDH/jad
Enclosures

hh-blmfederalj.

Unichem International

707 North Leech

P.O.Box 1499

Hobbs, New Mexico 88240

Company : ANADARKO
Date : 01-21-1991
Location: FEDERAL J #1 (on 01-15-1991)

Specific Gravity:	Sample 1
Total Dissolved Solids:	1.139
pH:	194369
IONIC STRENGTH:	5.80
	3.899

<u>CATIONS:</u>		me/liter	mg/liter
Calcium	(Ca ⁺²)	356	7120
Magnesium	(Mg ⁺²)	540	6560
Sodium	(Na ⁺¹)	2540	58500
Iron (total)	(Fe ⁺²)	5.94	166
Barium	(Ba ⁺²)	0.032	2.20

<u>ANIONS:</u>			
Bicarbonate	(HCO ₃ ⁻¹)	1.000	61.0
Carbonate	(CO ₃ ⁻²)	0	0
Hydroxide	(OH ⁻¹)	0	0
Sulfate	(SO ₄ ⁻²)	24.5	1180
Chloride	(Cl ⁻¹)	3410	121000

SCALING INDEX (positive value indicates scale)

	<u>Temperature</u>	Calcium	Calcium
86°F	30°C	Carbonate	Sulfate
		-0.52	-7.7

**ANADARKO PETROLEUM CORPORATION
DISPOSAL FACILITIES
FACILITIES ARE LISTED BELOW BY NUMBER IN ORDER OF PREFERENCE**

- Artesia State Unit WP. R-4907
SE/4 SE/4 Sec 14, T18S, R27E, Eddy Co., NM (NM B6583)
- Ballard WP R-4493
SW/4 NW/4 Sec 8, T18S, R29E, Eddy Co., NM (LC-028772)
- 3 — Cavalcade "21" Fed #4. R-9240
SE/4 SE/4 Sec 21, T18S, R32E, Lea Co., NM (NM 59044)
- Dagger Draw SWD. R-7637
NW/4 SW/4 Sec 22, T19S, R25E, Eddy Co., NM (Fee Lse)
- East Square Lake WP. R-5318
NW/4 NE/4 Sec 36, T16S, R31E, Eddy Co., NM (NM B-161-3)
- West Square Lake WP. R-4610
NW/4 SW/4 Sec 2, T17S, R30E, Eddy Co., NM (NM B 2130)
- Fed L, M & K WP. R-2032
SE/4 SE/4 Sec 29, T17S, R30E, Eddy Co., NM (LC-028936-D)
- Grier WP R-2977
SE/4 NW/4 Sec 31, T16S, R31E, Eddy Co., NM (LC-068064)
- Teas Yates Unit WP R-7084
SE/4 NE/4 Sec 14, T20S, R33E, Lea Co., NM (LC-064975)

OTHER FACILITIES

- Arco State SWD #2 (Marlow) OCD R-312
SW/4 SE/4 Sec 16, T18S, R35E, Lea Co., NM (Near Buckeye)
- Doratate SWD #1 (Fluid Waste Inc.) OCD R-247
SE/4 NE/4 Sec 27, T25S, R28E, Eddy Co., NM
- Hobbs SWD #1 (AA Oil Field, Inc.). OCD R-223
NE/4 NW/4 Sec 3, T19S, R37E, Lea Co., NM
- 1 — Loco Hills SWD (Loco Hills Water Disposal, Inc.) OCD R-6811-A
Sec 16, T17S, R30E, Eddy Co., NM
- 2 — Walter Solt State No. 1 (I&W, Inc.). OCD SWD-318
NW/4 SW/4 Sec 5, T18S, R28E, Eddy Co., NM
- Tennessee Federal #1 (Steve Carter, Inc.). OCD R-8173
NE/4 SE/4 Sec 21, T19S, R31E, Eddy Co., NM
- Parke E (Phillips Petroleum Corp.) OCD R-2749
NE/4 SW/4 Sec 27, T17S, R30E, Eddy Co., NM

BUREAU OF LAND MANAGEMENT
PARIAH 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.