

Form 3160-2
June 1990

N. M. OIL & GAS COMMISSION
P.O. BOX 109
HOBBS, NEW MEXICO 88240

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UNITED STATES

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FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

10 39 AM '93

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

5. Lease Designation and Serial No.

NM-14212

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

3. Address and Telephone No.

P.O. Box 3092 Houston TX 77253 713-584-7213 Rm. 17184

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

660' FSLX 1980' FWL - Unit N

8. Well Name and No.

Langlie-C-Fed. #1

9. API Well No.

30-025-25898

10. Field and Pool, or Exploratory Area

Jalmat-Yates

11. County or Parish, State

Lea, NM

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 Disposal
☐ 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.)

Amoco hereby requests approval to amend our site for subject property. Shown below is detailed information on the site:

- 1) Formation Producing Water: Yates
- 2) Average Barrels of Water per day: 1
- 3) Water Storage: One 210 bbl. Tank
- 4) Method of Water Transport: Trucked by Roland
- 5) Disposal Name: Parabo, Inc.
SW 1/4, Sec. 29, T-21-S, R-38-E
NMCOO ORDER R-5516
Lea County, New Mexico

RECEIVED
MAR 25 12 26 PM '93
BUREAU OF LAND MGMT.
HOBBS, NM.

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

Signed H. I. Black (H. I. Black) Title Staff Business Analyst

Date 3-20-93

(This space for Federal or State official use)

Approved by David A. Glass

Title

Date

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.

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GENERAL
OFFICE

APR 19 1963

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Langlie-C-Fed. #1

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Lea, Nm

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Amoco hereby requests approval to amend our disposal site for subject property. Shown below is detailed information on the site:

- 1) Formation Producing Water: Yates
- 2) Average Barrels of Water per day: 1
- 3) Water Storage: One 210 bbl. Tank
- 4) Method of Water Transport: Trucked by Various Truckers
- 5) Disposal Name: Mar SWD (Cities Federal No. 1)
Sec. 20, T-22-S, R-36-E
2310 FSLX 330 FWL - NMOC ORDER R-7504
Lea County, New Mexico

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

Signed H. J. Black (H.I. BLACK) Title Staff Business Analyst

Date 3-20-93

(This space for Federal or State office use)

Approved by David P. Glas Title Assistant Secretary

Date 3-20-93

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.

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. That 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 shall be covered with a wire screen to prevent entry by birds and other wildlife.
7. This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.
8. 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.



WELCHEM, INC.
706 N. Main
P.O. Box 179
Seminole, Texas 79360-0179
915-758-5867

LATS NO. 61301

ANALYTICAL SERVICES REPORT
WATER ANALYSIS

Date Received: 05/06/93

By: AH

Date Out: 05/10/93

Company: AMOCO PRODUCTION COMPANY
Salesman: WHITE
Lease: LANGLEIE C
Source:

Date Sampled: 04/29/93
County: LEA
State: NM
Well: 1

DISSOLVED SOLIDS
CATIONS

	mg/l	me/l
Sodium, Na(calc)	1392.0	60.53
Calcium, Ca	280	13.97
Magnesium, Mg	30	2.46
Potassium, K	20	0.51
Iron, Fe	9.5	0.34
Manganese, Mn	.4	0.01

OTHER PROPERTIES

pH	7.70
Specific Gravity, 60/60 F	1.003
Nomograph Sp. Gr.	1.000- 1.006
Specific Gravity, Uncorr	1.001
Temperature (F)	72.1
Resistivity, OHMS-CM	700 @ 72.1F

ANIONS

	mg/l	me/l
Chloride, Cl	2200	61.97
Sulfate, SO4	550	11.46
Carbonate, CO3	0	0.0
Bicarbonate, HCO3	268	4.39

Total Dissolved Solids (calc.) 4,750 ppm

SCALING TENDENCIES (MG/L):

TEMP (F)	P (PSI)	CO2 (PSI)	PH	CASO4	SCALE INDEX (MG/L)		CACO3
					BASO4	SRSO4	
80	14.7	0.039	7.7	-2694	-0	-97	78
110	14.7	0.039	7.7	-1815	-0	-96	113
140	14.7	0.039	7.7	-1205	-0	-73	137
170	14.7	0.039	7.7	-755	-0	-30	159
200	14.7	0.039	7.7	-412	-0	-9	174

Remarks & Recommendations:

calculations based upon entered pH.

WELCHEM Representative