

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Co.
P 1980
Hobbs NM 88241

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

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

Manzano Oil Corporation

3. Address and Telephone No.

P.O. Box 2107, Roswell, NM 88202-2107 (505) 623-1996

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

1980' FNL & 660' FEL
Sec 17, T20S, R35E

5. Lease Designation and Serial No.

NM-86172

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Appleseed Fed Com #1

9. API Well No.

30-025-20377

10. Field and Pool, or Exploratory Area

Lynch Penn.

11. County or Parish, State

Lea County, 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
☐ 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.)*

Request approval of water disposal per attached information.

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

Signed

Alison Hernandez

Title Engineering Technician

Date 8/7/97

(This space for Federal or State office use)

(ORIG. SGD.) DAVID R. GLASS

Title PETROLEUM ENGINEER

AUG 19 1997

Approved by

Conditions of approval, if any:

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

ATTACHMENT to Incident of Noncompliance Number SJC-072-97

The following information is needed before your disposal of produced water can be approved, Onshore Oil & Gas Order #7.

1. Name(s) of all formation(s) producing water on the lease.
Penn.
2. Amount of water produced from all formations in barrels per day.
150 BWPB.
3. A CURRENT water analysis of produced water from all zones showing at least the total dissolved solids, pH and the concentrations of chlorides and sulfates.
Attached.
4. How water is stored on the lease.
500 bbl storage tank.
5. How water is moved to the disposal facility.
Trucked.
6. Identify the Disposal Facility by:
 - A. Operator's name.
Southwest Royalties.
 - B. Well name.
Cities Federal
 - C. Well type and well number.
SWDW #1
 - D. Location by 1/4 1/4 section, township & range.
7. A copy of the Underground Injection Control Permit - issued for the injection well by the Environmental Protection Agency or New Mexico Oil Conservation Division where the State has achieved primacy.
Attached.

BJ SERVICES
WATER ANALYSIS

Date: 5/28/96
Company: Manzano Oil
Well Name: AppleSeed Fed #1
County: Lea
State: NM
Station: Hobbs

Report #: 1672
Sample #: Sample from 5/20/96
Formation:
Depth:
H₂O Type: Drilling Water
Requested By:

*will scale
4 pkr. 10/22 0.00*

pH: 7.80
Temperature (°F): 77
Specific Gravity: 1.165

Sulfide: absent
Reducing Agents:
S.G. @ 60°F: 1.168

CATIONS	mg/l	me/l	ppm
Sodium (calc)	17755	772	15240
Calcium	4800	240	4120
Magnesium	1200	100	1200
Iron (Fe++)	1.10	0.04	0.94
Iron (Fe+++)	0.00	0.00	0.00
ANIONS			
Chloride	39000	1099	33476
Sulfate	523	11	449
Bicarbonate	107	2	92
Phosphate			0.0
Total Dissolved Solids	63386		54409
Total Hardness as CaCO ₃	17000		14592

Calcium Carbonate Scale: POSSIBLE

Calcium Sulfate Scale: REMOTE

Equivalent NaCl Concentration: 54939

Rw at 77° F = .12

Sample taken on 5/20/96

Analyzed by: