

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CON. COMMISSION

P.O. BOX 1980
ROSEL, NEW MEXICO

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

5. Lease Designation and Serial No.

NM-17807

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

MARSHALL FEDERAL #1

9. API Well No.

30-025-24455

10. Field and Pool, or Exploratory Area

QUEREOCHO PLAINS QUEENS

11. County or Parish, State

LEA COUNTY, NEW MEXICO

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

MEWBOURNE OIL COMPANY

3. Address and Telephone No.

P.O. BOX 7698, TYLER, TEXAS 75711

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

660' FSL & 1980' FWL of Section 23-18S-32E

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.)*

Operator wishes to convert subject well to water injection as part of waterflood operations for a proposed Querecho Plains Queens Sand Unit. This unit is currently being applied for with the New Mexico Oil Conservation Division. Injection will be through currently open perforations with a packer set within 100' of the top perf. An inert fluid will be placed in the tubing-casing annulus. The water to be injected will come from the current Querecho Plains Bone Spring water injection facility. Work will begin upon receipt of the state's Division Orders.

RECEIVED
JUL 5 9 49 AM '94
CARL AREA

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

Signed 
(This space for Federal or State office use)

Title Petroleum Engineer

Date 6/29/94

Approved by
Conditions of approval, if any:

Title

Date 8/16/94

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.

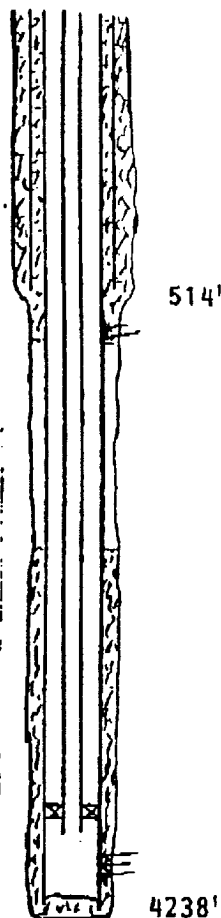
*See Instruction on Reverse Side

ITEM III OF NEW MEXICO OCD FORM C-108
INJECTION WELL DATA SHEET

Jewbourne Oil Company Marshall Federal

OPERATOR LEASE
1 660' FSL & 1980' FWL 23 185 32E
WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic



Tabular Data

Surface Casing

Size 8-5/8 " Cemented with 390 sx.
TDC Surface feet determined by visual
Hole size 12-1/4"

Intermediate Casing

Size _____ " Cemented with _____ sx.
TDC _____ feet determined by _____
Hole size _____

Long string

Size 4-1/2 " Cemented with 300 sx.
TDC 2934 feet determined by calculation
Hole size 7-7/8"
Total depth 4250'

Injection Interval

4176 feet to 4190 feet
(perforated or open-hole, indicate which)

Tubing size 2-3/8" lined with bare steel set in a
(material)
Otis Permatrieve packer at 4076 feet
(brand and model)
(or describe any other casing-tubing used).

Other Data

1. Name of the injection formation Penrose
2. Name of field or pool (if applicable) Querecho Plains
3. Is this a new well drilled for injection? ☐ Yes ☒ No
If no, for what purpose was the well originally drilled? oil production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (packs of cement or bridge plug(s) used)
A casing leak from 763'-79h' was squeezed with 196 sx. of Class "C" in July 1990.
5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pool(s)) in this area.