

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT451 3-5-94
V.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBS, NEW MEXICO 88201Budget 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

CHUZA Operating

3. Address and Telephone No.

P.O. Box 51010 MIDLAND, TX

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

NW NE

Sec 25 T-18-S, R-33-E

660' FNL + 1980' FEL

5. Lease Designation and Serial No.

NMI 0245247

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

McELUAIN FED #1 B

9. API Well No.

30-025-01646

10. Field and Pool, or Exploratory Area

EK YATES-SR-QUEEN

11. County or Parish, State

LEA COUNTY, N.M.

Extended Page

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☐ Incompletion☐ Rugging Back☐ Casing Repair☐ Spurring Casing☒ Other Request For Disposal☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☒ Dispose Water

(Note: Report results of multiple completion or 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.)

1. ZONE Producing Pennrose (Queen)
2. No collectable Amount produced currently
3. Current Analysis - See Attached
4. No current facility for H₂O storage
5. H₂O if produced Hauled By: I & W Truck Loco Hills N.M.
6. Disposal Facility
I & W Inc
Walter Solt State NO 1 (wolfcamp)
8240 FSL 400 FWL
NW SW Sec 5. T-18-S R-28-E Eddy Co. N.M.
7. Underground Inj permit See Attached

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

Signed

Timothy D. Collier

Title

Agent

Date

3/26/94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

see attached.

Title

PETROLEUM ENGINEER

Date

5/25/94



GP.O.BOX 2187
HOBBS, N.M. 88240

PHONE: (505) 393-7726

WATER ANALYSIS REPORT

Report for: Wayne Head
CC:
CC:
CC:
Company: Chuza Operating
Address:
Service Engineer: K. Kearney

Date sampled: 04/14/94
Date reported: 04/30/94
Lease or well # : McElvain #1
County: State:
Formation:
Depth:
Submitted by: K. Kearney

CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	96000	2708
Iron (Fe) (total)	59.0	
Total hardness	47500	
Calcium (Ca)	9122	455
Magnesium (Mg)	6014	483
Bicarbonates (HCO ₃)	146	2
Carbonates (CO ₃)	0	
Sulfates (SO ₄)	1036	22
Hydrogen sulfide (H ₂ S)	0	
Carbon dioxide (CO ₂)	373	
Sodium (Na)	41260	1794
Total dissolved solids	153580	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Specific Gravity	1.109	
Density (#/gal.)	9.242	
pH	6.800	
IONIC STRENGTH	3.21	

Stiff-Davis (CaCO₃) Stability Index :
SI = pH - pCa - pAlk - K

SI @ 86 F = +0.64
104 F = +0.87
122 F = +1.13
140 F = +1.42
158 F = +1.74

This water is 807 mg/l (-35.47%) under ITS CALCULATED
CaSO₄ saturation value at 82 F.
SATURATION= 2275 mg/L PRESENT= 1468 mg/L

REPORTED BY ROBERT C MIDDLETON *Rem*
TECHNICAL SERVICES REPRESENTATIVE

MAY 02 1994

BUREAU OF LAND MANAGEMENT
414 W. TAYLOR
HOBBS, N.M. 88240
505-393-3612

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 Onshore Oil and Gas Order No. 7.
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, 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.