

(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 recomplete a well 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

Harvey E. Yates Company

3. Address and Telephone No.

P.O. Box 1993, Roswell, NM 88202 1-505-623-6601

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

UNIT O., 330' FSL & 2310' FEL
SEC. 1, T-18S, R-32E

N.M. OIL CONS. COMMISSION
P.O. BOX 1980
HOBBES, NEW MEXICO 88240

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-63365

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

EWT 1 FED. # 1

9. API Well No.

30-025-30146

10. Field and Pool, or Exploratory Area

YOUNG BONE SPRING, NORTH

11. County or Parish, State

LEA CO., NM

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change in 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.)

1. FORMATION: BONE SPRING
2. BWPD: APPROX. 196 (NOTE: BATTERY TOTAL: 196 BW FROM # 1 & 0 BW FROM # 2 WELL)
3. WTR ANALYSIS: SEE ATTACHED.
4. LEASE STORAGE: STOCK TANKS FOR BACKUP & TESTING
5. WATER TRANSPORTED: BY FASTLINE TO "HEYCO'S" ESWS; FOR BACKUP PW TRUCKED TO DISPOSAL
6. OPERATOR: TENNESSEE WATER DISPOSAL OR LOCO HILLS WATER DISPOSAL COMPANY
TENNESSEE FEDERAL WELL # 1 SEC. 16, T-17S, R-30E
UNIT I, SEC. 21, T-19S, R-31E EDDY COUNTY, NM
EDDY COUNTY, NM

NOTE: WATER TRANSFERRED TO E.S.W.S. GATHERING SYSTEM LOCATED ON TANK 1 FED. # 2 PAD
UT. M, SEC. 1, T-18S, R-32E. WATER THEN TRANSFERRED TO YOUNG DEEP UNIT (PRESSURE MAINT.)
STORAGE FACILITY LOCATED SOUTH OF YOUNG DEEP UNIT # 1 PAD, UT. D, SEC. 10, T-18S, R-32E.

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

Signed

RAY F. NOKES

Title

PROD. MGR./ ENG.

Date 9/27/94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



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

PHONE: (505) 393-7726

W A T E R A N A L Y S I S R E P O R T

Report for: Ray Nokes
cc:
cc:
cc:
Company: Heyco
Address:
Service Engineer: Mike Edwards

Date sampled: 08/16/94
Date reported: 08/26/94 *EWI Fed #1*
Lease or well # : EWTI Fed #1 *c #2*
County: State:
Formation:
Depth: *Battery Sample.*
Submitted by: Mike Edwards *RIN.*

CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	117000	3300
Iron (Fe) (total)	0.0	
Total hardness	17600	
Calcium (Ca)	5293	264
Magnesium (Mg)	1069	86
Bicarbonates (HCO ₃)	512	8
Carbonates (CO ₃)	0	
Sulfates (SO ₄)	2574	54
Hydrogen sulfide (H ₂ S)	0	
Carbon dioxide (CO ₂)	785	
Sodium (Na)	69286	3012
Total dissolved solids	195736	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Specific Gravity	1.139	
Density (#/gal.)	9.492	
pH	6.160	
IONIC STRENGTH	3.56	

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

SI @ 86 F = +0.43
104 F = +0.66
122 F = +0.92
140 F = +1.21
158 F = +1.53

This water is 536 mg/l (17.22%) over ITS CALCULATED
CaSO₄ saturation value at 82 F.
SATURATION= 3113 mg/L PRESENT= 3649 mg/L

REPORTED BY JOY DUNCAN
LAB TECHNICIAN