

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CODE 1997
P.O. BOX 1980
HOBBS, NEW MEXICO 88240

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

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 H, 1650' FNL & 1650' FEL
SEC. 12, T-18S, R-32E

5. Lease Designation and Serial No.

NM-40456

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CHEVRON 12 FED. # 5

9. API Well No.

30-025-30682

10. Field and Pool, or Exploratory Area

YOUNG BONE SPRING, N.

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. 27 BW (BATTERY TOTAL); 27 BW FROM # 5 & 0 BW FROM # 6 CURRENTLY.
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 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

WATER ANALYSIS REPORT

Report for: Ray Nokes

cc:

cc:

cc:

Company: Heyco

Address:

Service Engineer: Mike Edwards

Date sampled: 08/16/94

Date reported: 08/26/94

Lease or well # : Chevron 12-Fed #5

County: State:

Formation:

Depth:

Submitted by: Mike Edwards

Battery Sample #5, 6

CHEMICAL COMPOSITION :

	mg/L	meq/L
Chloride (Cl)	116000	3272
Iron (Fe) (total)	1.0	
Total hardness	19100	
Calcium (Ca)	5493	274
Magnesium (Mg)	1312	105
Bicarbonates (HCO ₃)	500	8
Carbonates (CO ₃)	0	
Sulfates (SO ₄)	2397	50
Hydrogen sulfide (H ₂ S)	0	
Carbon dioxide (CO ₂)	706	
Sodium (Na)	67869	2951
Total dissolved solids	193572	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity 1.138

Density (#/gal.) 9.484

pH 6.300

IONIC STRENGTH 3.55

Stiff-Davis (CaCO₃) Stability Index :

SI = pH - pCa - pAlk - K

SI @ 86 F = +0.57

104 F = +0.80

122 F = +1.06

140 F = +1.35

158 F = +1.67

This water is 411 mg/l (13.76%) over ITS CALCULATED
CaSO₄ saturation value at 82 F.

SATURATION= 2986 mg/L

PRESENT= 3397 mg/L

REPORTED BY JOY DUNCAN
LAB TECHNICIAN