

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
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 O, 495' FSL & 1980' FEL
SEC. 12, T-18S, R-32E

5. Lease Designation and Serial No.

NM-40452

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SHOOT 12 FED. # 3

9. API Well No.

30-025-31101

10. Field and Pool, or Exploratory Area

CORBIN DELAWARE, WEST

11. County or Parish, State

LEA COUNTY, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

☐ 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: DELAWARE
2. BWPD: APPROX. 1 BW
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
NOTE: WATER FASTLINED TO SHOOT 12 FED. # 1 AND THEN TRANSFERRED TO ESWS.
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

Lease or well # : Shoot 12 Fed #3

County: State:

Formation:

Depth:

Submitted by: Mike Edwards

CHEMICAL COMPOSITION :

	mg/L	meq/L
Chloride (Cl)	138000	3893
Iron (Fe) (total)	1.0	
Total hardness	62500	
Calcium (Ca)	14476	722
Magnesium (Mg)	6415	515
Bicarbonates (HCO ₃)	256	4
Carbonates (CO ₃)	0	
Sulfates (SO ₄)	1038	22
Hydrogen sulfide (H ₂ S)	0	
Carbon dioxide (CO ₂)	439	
Sodium (Na)	61668	2681
Total dissolved solids	221854	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity 1.158

Density (#/gal.) 9.650

pH 6.750

IONIC STRENGTH 4.55

Stiff-Davis (CaCO₃) Stability Index :

SI = pH - pCa - pAlk - K

SI @ 86 F = +1.59

104 F = +1.82

122 F = +2.08

140 F = +2.37

158 F = +2.69

This water is 36 mg/l (-2.39%) under ITS CALCULATED
CaSO₄ saturation value at 82 F.

SATURATION= 1507 mg/L

PRESENT= 1471 mg/L

REPORTED BY JOY DUNCAN
LAB TECHNICIAN