

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

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)

C, 660' FNL & 1650' FWL
SEC. 8, T-18S, R-31E

5. Lease Designation and Serial No.

NM-33437

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

PMS 8 FED. # 2

9. API Well No.

30-015-26060

10. Field and Pool, or Exploratory Area

SHUGART BONE SPRING, N.

11. County or Parish, State

EDDY CO., NM

12. CHECK APPROPRIATE BOX(s) 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: 1
3. WTR ANALYSIS: SEE ATTACHED
4. LEASE STORAGE: IN FIBERGLASS TANK
5. WATER TRANSPORTED: BY TRUCK TO DISPOSAL
6. OPERATOR: TENNESSEE WATER DISPOSAL
TENNESSEE FEDERAL WELL # 1
UNIT 1, SEC. 21, T-19S, R-31E
EDDY COUNTY, NM
R-8173

OR LOCO HILLS WATER DISPOSAL COMPANY
SEC. 16, T-17S, R-30E
EDDY COUNTY, NM
R-6811(B)

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

Signed Ray F. Nokes Title PROD. MGR./ ENG.

Date 12/21/94

(This space for Federal or State office use)

Approved by

Signed by Shannon J. Shaw

Title

SENIOR ENGINEER

Date

1/17/95

Conditions of approval, if any:



Water Analysis Report

Analysis Number : 000003167

Company.....: **Heyco**
 Location.....: **Roswell, New Mexico**
 Field.....:
 Lease.....: **Pms Fed.**
 Sample Source....: **Wellhead**

Date of Sampling.....: **10/19/94**
 Date of Analysis.....: **10/19/94**
 Baker Representative.: **Steven Stroud**
 Well#.....: **8-2**
 Analysis by.....: **Stroud**

DISSOLVED SOLIDS

CATIONS:	mg/l	me/l
Ca++	3640.00	182.00
Mg++	23643.60	1938.00
Fe+++	100.00	5.38
Ba++	0.00	0.00
Na+	73217.51	3183.37
Mn++	0.00	0.00

ANIONS:

Cl-	187000.00	5267.61
SO4--	1850.00	38.54
HCO3-	158.60	2.60
CO3--	0.00	0.00
OH-	0.00	0.00
S-	0.00	0.00

TOTAL HARDNESS.....: 2120.00

TOTAL SOLIDS (quantitative).....: 289609.70

RESIDUAL HYDROCARBONS(ppm).....: 0.00

= not determined

DISSOLVED GASES

Hydrogen Sulfide, H2S.....:	0.0
Carbon Dioxide, CO2.....:	174.2
Oxygen, O2.....:	0.0

PHYSICAL PROPERTIES

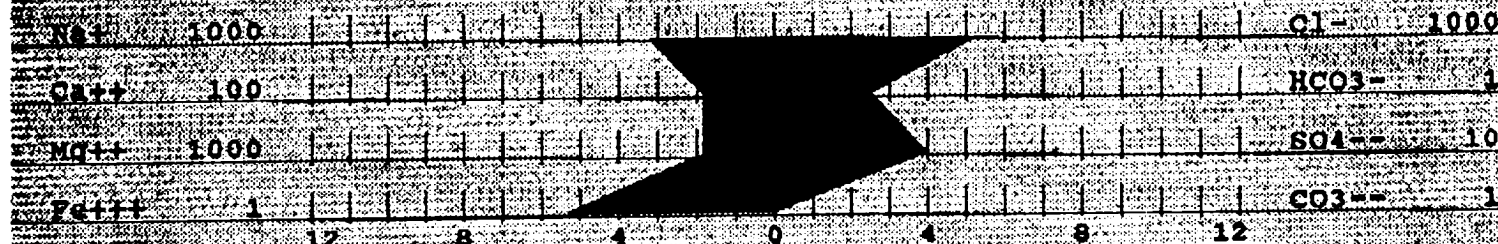
pH.....:	5.4
Specific Gravity.....:	1.155
TDS (calculated) ppm.....:	289609.7
TIS (calculated):	6.4

SCALE STABILITIES

Temp.	°C	°F	CaCO3	CaSO4	BaSO4
	20	68	0.00	3229	1
	30	86	0.00	3726	1
	40	104	0.00	4951	1
Max entropy, (calculated):			2873		0

WATER ANALYSIS PATTERN

(number beside ion symbol indicates me/l scale unit)



NOTES: