

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

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 3 FED. # 1

9. API Well No.

30-015-25913

10. Field and Pool, or Exploratory Area

SHUGART BONE SPRING, N.

11. County or Parish, State

EDDY CO., NM

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

JAN 19 '95

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)

A, 635' FNL & 685' FEL
SEC. 8, T-18S, R-31E

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: BONE SPRING
2. BWPD: 0-25
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 I, 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 Orig. Signed by Shannon J. Shaw

Title **PETROLEUM ENGINEER**

Date 1/17/95

Conditions of approval, if any:



Water Analysis Report

Analysis Number : 000003173

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#.....: 8-1
 Analysis by.....: Stroud

DISSOLVED SOLIDS

CATIONS:	mg/l	me/l
Ca++	1000.00	50.00
Mg++	146.40	12.00
Fe+++	20.00	1.08
Ba++	0.00	0.00
Na+	7117.12	309.44
Mn++	0.00	0.00

ANIONS:

	mg/l	me/l
Cl-	12000.00	338.03
SO4--	1550.00	32.29
HCO3-	134.20	2.20
CO3--	0.00	0.00
OH-	0.00	0.00
S-	0.00	0.00

TOTAL HARDNESS.....: 62.00
 TOTAL SOLIDS (quantitative).....: 21967.70
 RESIDUAL HYDROCARBONS(ppm).....: 0.00

0 = not determined

DISSOLVED GASES

Hydrogen Sulfide, H2S.....:	0.0
Carbon Dioxide, CO2.....:	79.2
Oxygen, O2.....:	0.0

PHYSICAL PROPERTIES

pH.....:	6.5
Specific Gravity.....:	1.005
TDS (calculated) ppm.....:	21967.7
TSS (calculated):	0.4

SCALE STABILITIES

Temp.	°C	°F	CaCO3	CaSO4	BaSO4
	20	68	-1.01	3691	0
	30	86	-0.81	3810	0
	40	104	-0.59	3900	0
Max entity, (calculated):			2209	0	

WATER ANALYSIS PATTERN

(number beads for symbol indicates me/l scale unit)



NOTES: