

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS
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	5. Lease Designation and Serial No. NM-68038
2. Name of Operator Harvey E. Yates Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 1993, Roswell, NM 88202 1-505-623-6601	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M, or Survey Description) G, 2310' FNL & 2310' FEL SEC. 5, T-18S, R-31E	8. Well Name and No. ARCO 5 FEDERAL # 2
	9. API Well No. 30-015-26258
	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

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. BWFD: 2
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

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

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

Signed RAY F. NOKES Title PROD. MGR./ ENG. Date 12/16/94

(This space for Federal or State office use)

Approved by (ORIG. SGD.) JOE G. LARA Title PETROLEUM ENGINEER Date 1/13/95
Conditions of approval, if any: See attached.



Water Analysis Report

Analysis Number : 000003175

Company.....:	Heyco	Date of Sampling.....:	10/19/94
Location.....:	Roswell, New Mexico	Date of Analysis.....:	10/19/94
Field.....:		Baker Representative..:	Steven Stroud
Lease.....:	Arco Fed.	Well#.....:	5-2
Sample Source....:	Wellhead	Analysis by.....:	Stroud

DISSOLVED SOLIDS	
CATIONS:	mg/l
Ca++	4960.00
Mg++	2464.40
Fe+++	150.00
Na+	0.00
Mn++	0.00

DISSOLVED SOLIDS	
me/l	
248.00	
202.00	
8.06	
0.00	
1716.60	
0.00	

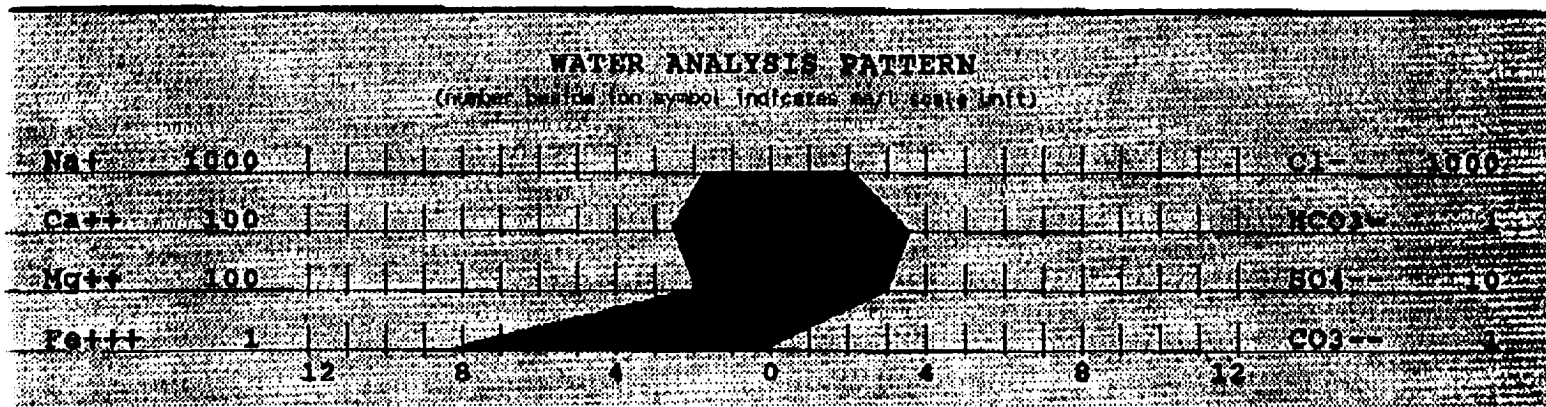
DISSOLVED GASES	
Hydrogen Sulfide, H2S.....:	0.0
Carbon Dioxide, CO2.....:	138.6
Oxygen, O2.....:	0.0

PHYSICAL PROPERTIES	
pH.....:	6.1
Specific Gravity.....:	1.075
TDS (calculated) ppm.....:	124725.8
TIS (calculated)	2.4

SCALE STABILITIES				
Temp.	°C	°F	CaCO3	CaSO4
	20	68	-0.53	3477
	30	86	-0.34	3682
	40	104	-0.12	4146
				2134

TOTAL HARDNESS.....:	450.00
TOTAL SOLIDS (quantitative).....:	124725.80
RESIDUAL HYDROCARBONS(ppm).....:	0.00

s = not determined



NOTES: