

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-0560353
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) 1980' FSL & 2130' FEL UNIT LETTER J, SEC. 11, T-19S, R-30E	8. Well Name and No. HALE 11 FED. # 2
	9. API Well No. 30-015-25832
	10. Field and Pool, or Exploratory Area BENSON BONE SPRING
	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	☐ Abandonment	☐ Change in Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other	☒ 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: 5
3. WTR ANALYSIS: SEE ATTACHED.
4. LEASE STORAGE: STOCK TANKS FOR BACKUP & TESTING
5. WATER TRANSPORTED: BY FASTLINE TO ONSITE PIT ON #1 PAD; FOR BACKUP PW TRUCKED TO DISPOSAL
6. OPERATOR: RAY WESTALL OR LOCO HILLS WATER DISPOSAL COMPANY
TENNESSEE WATER DISPOSAL SEC. 16, T-17S, R-30E
TENNESSEE FEDERAL WELL #1 EDDY COUNTY, NM
UNIT I, SEC. 21, T-19S, R-31E R-6811-B
EDDY COUNTY, NM
R-8173

RECEIVED
AUG 21 1995
OIL CON. DIV.
DIST. 2

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

Signed Ray F. Nokes RAY F. NOKES Title PROD. MGR./ ENG. Date 8/7/95

(This space for Federal or State office use)

Approved by Orig. Signed by Shannon J. Shaw Title PETROLEUM ENGINEER Date 8/29/95
Conditions of approval, if any:



Water Analysis Report

Analysis Number : 000003499

Company.....:	Heyco	Date of Sampling.....:	02/13/95
Location.....:	Roswell, New Mexico	Date of Analysis.....:	02/06/95
Field.....:		Baker Representative..:	Steven Stroud
Lease.....:	Hale	Well#.....:	11-2
Sample Source....:	Wellhead	Analysis by.....:	Rinehart

DISSOLVED SOLIDS

CATIONS:	mg/l	me/l
Ca++	5800.00	290.00
Mg++	6905.20	566.00
Fe+++	300.00	16.13
Ba++	0.00	0.00
Na+	74112.90	3222.30
Mn++	0.00	0.00

ANIONS:	mg/l	me/l
Cl-	145000.00	4084.51
SO4--	380.00	7.92
HCO3-	122.00	2.00
CO3--	0.00	0.00
OH-	0.00	0.00
S-	0.00	0.00

TOTAL HARDNESS.....: 856.00
TOTAL SOLIDS (quantitative).....: 232620.10
RESIDUAL HYDROCARBONS(ppm).....: 0.00

ø = not determined

DISSOLVED GASES

Hydrogen Sulfide, H2S.....:	0.0
Carbon Dioxide, CO2.....:	102.9
Oxygen, O2.....:	0.0

PHYSICAL PROPERTIES

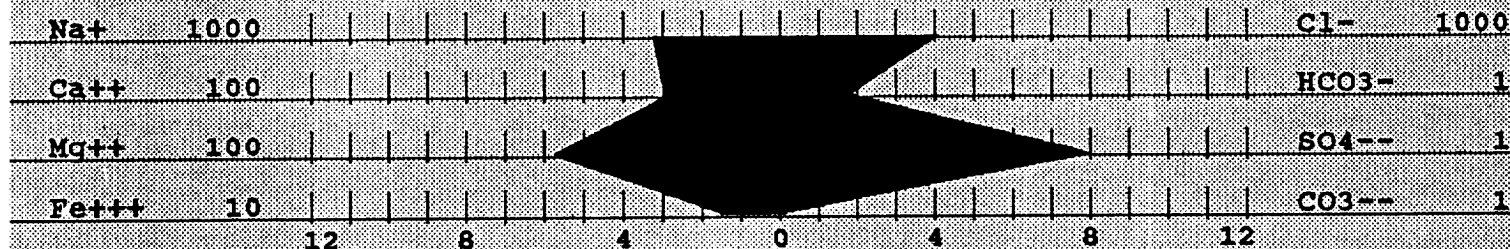
pH.....:	5.7
Specific Gravity.....:	1.140
TDS (calculated) ppm.....:	232620.1
TIS (calculated)	4.5

SCALE STABILITIES

Temp.	°C	°F	CaCO3	CaSO4	BaSO4
	20	68	-27.5	2696	3
	30	86	-29.2	2986	3
	40	104	-30.3	3795	3
Max entity, (calculated):				579	0

WATER ANALYSIS PATTERN

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



NOTES: