

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION  
P.O. BOX 1980  
HORRS, NEW MEXICO 88240

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 LETTER N, 660' FSL & 1980' FWL  
SEC. 3, T-18S, R-32E

5. Lease Designation and Serial No.

NM-11118

6. If Indian, Allote or Tribe Name

7. If Unit or CA, Agreement Designation

8910180420

8. Well Name and No.

YOUNG DEEP UNIT # 6

9. API Well No.

30-025-27477

10. Field and Pool, or Exploratory Area

YOUNG BONE SPRING, NORTH

11. County or Parish, State

LEA 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.)

RECEIVED  
MAY 11 10 50 AM '95

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: IN FIBERGLASS TANK
5. WATER TRANSPORTED: BY FASTLINE FROM TREATER TO YDU PRESS. MAINT.  
OR IN EMERGENCY TRUCKED TO DISPOSAL FACILITIES LISTED IN # 6
6. OPERATOR: RAY WESTALL 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 R-6811-B  
R-8173

NOTE:  
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 8/8/95

(This space for Federal or State office use)

Approved by Shannon J. Shaw Title PETROLEUM ENGINEER Date 9/5/95

Conditions of approval, if any:



# Water Analysis Report

Analysis Number : 000003494

Company.....:	<b>Heyco</b>	Date of Sampling.....:	<b>02/13/95</b>
Location.....:	<b>Roswell, New Mexico</b>	Date of Analysis.....:	<b>02/06/95</b>
Field.....:		Baker Representative..:	<b>Steven Stroud</b>
Lease.....:	<b>Young Deep</b>	Well#.....:	<b>6-7</b>
Sample Source....:	<b>Wellhead</b>	Analysis by.....:	<b>Rinehart</b>

### DISSOLVED SOLIDS

CATIONS:	mg/l	me/l
Ca++	12000.00	600.00
Mg++	7076.00	580.00
Fe+++	150.00	8.06
Ba++	0.00	0.00
Na+	25011.12	1087.44
Mn++	0.00	0.00

ANIONS:	mg/l	me/l
Cl-	80000.00	2253.52
SO4--	1050.00	21.88
HCO3-	6.10	0.10
CO3--	0.00	0.00
OH-	0.00	0.00
S-	0.00	0.00
TOTAL HARDNESS.....:		1180.00
TOTAL SOLIDS (quantitative).....:		125293.20
RESIDUAL HYDROCARBONS(ppm).....:		0.00

ø = not determined

### DISSOLVED GASES

Hydrogen Sulfide, H2S.....:	0.0
Carbon Dioxide, CO2.....:	154.4
Oxygen, O2.....:	0.0

### PHYSICAL PROPERTIES

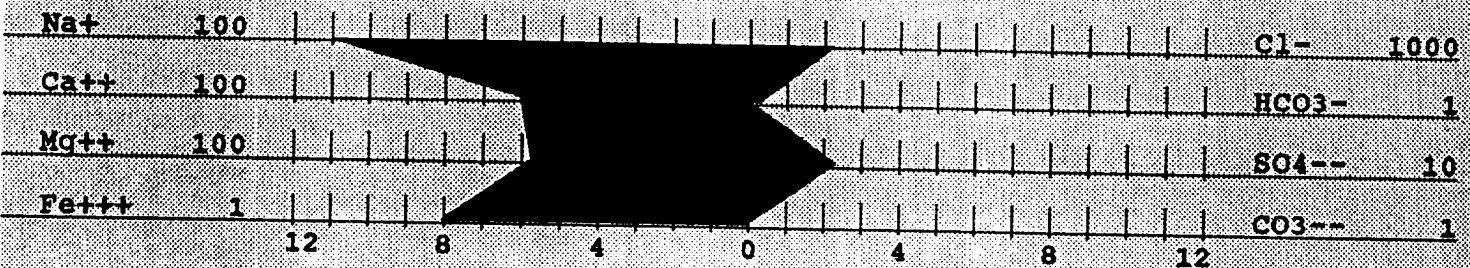
pH.....:	6.4
Specific Gravity.....:	1.070
TDS (calculated) ppm.....:	125293.2
TIS (calculated).....:	2.9

### SCALE STABILITIES

Temp.	°C	°F	CaCO3	CaSO4	BaSO4
	20	68	-1.26	1797	1
	30	86	-1.06	1933	1
	40	104	-0.82	2248	1
			Max entity, (calculated):	1546	0

### WATER ANALYSIS PATTERN

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



NOTES: