

CISF

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

JAN 19 '95

2. Name of Operator

Harvey E. Yates Company

O. C. D.
ARTESIA OFFICE

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)

N, 660' FSL & 1650' FWL
SEC. 5, T-18S, R-31E

5. Lease Designation and Serial No.
NM-68040

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

PARKER 5 FEDERAL # 2

9. API Well No.

30-015-26108

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. BWPD: 1
3. WTR ANALYSIS: SEE ATTACHED
4. LEASE STORAGE: IN FIBERGLASS TANK ON PARKER 5 FED. # 1 PAD (M, SEC. 5, T-18S, R-31E)
5. WATER TRANSPORTED: BY TRUCK TO DISPOSAL
6. OPERATOR: TENNESSEE WATER DISPOSAL 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-8173 (SJS) R-6811(B)

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

Signed RAY E. 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 PETROLEUM ENGINEER

Date 1/17/95

Conditions of approval, if any:



Water Analysis Report

Analysis Number : 000003172

Company.....:	Heyco	Date of Sampling.....:	10/19/94
Location.....:	Roswell, New Mexico	Date of Analysis.....:	10/19/94
Field.....:	"5"	Baker Representative..:	Steven Stroud
Lease.....:	Parker Fed. bat.	Well#.....:	# 1, 2, 3, 4
Sample Source....:	Wellhead	Analysis by.....:	Stroud

DISSOLVED SOLIDS

CATIONS:

	mg/l	me/l
Ca++	4280.00	214.00
Mg++	1854.40	152.00
Fe+++	15.00	0.81
Ba++	0.00	0.00
Na+	57490.11	2499.57
Mn++	0.00	0.00

DISSOLVED GASES

Hydrogen Sulfide, H2S.....:	0.0
Carbon Dioxide, CO2.....:	91.1
Oxygen, O2.....:	0.0

PHYSICAL PROPERTIES

pH.....:	6.4
Specific Gravity.....:	1.105
TDS (calculated) ppm.....:	166048.1
TIS (calculated)	3.1

SCALE STABILITIES

Temp.	°C	°F	CaCO3	CaSO4	BaSO4
	20	68	-0.17	4295	0
	30	86	0.05	4565	0
	40	104	0.30	5252	0
	Max entropy, (calculated):			3355	0

ANIONS:

	mg/l	me/l
Cl-	100000.00	2816.90
SO4--	2250.00	46.88
HCO3-	158.60	2.60
CO3--	0.00	0.00
OH-	0.00	0.00
S-	0.00	0.00

TOTAL HARDNESS.....: 366.00

TOTAL SOLIDS (quantitative).....: 166048.10

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

= not determined

WATER ANALYSIS PATTERN

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



NOTES: