

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

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)

2235' FS & WL
K, SEC. 12, T-18S, R-31E

5. Lease Designation and Serial No.

LC-058709-A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

TAYLOR DEEP 12 FEDERAL 1-Y

9. API Well No.

30-015-25759

10. Field and Pool, or Exploratory Area

TAMANO 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

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

TYPE OF ACTION

- ☐ 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: 12
3. WTR ANALYSIS: SEE ATTACHED - Previously submitted.
4. LEASE STORAGE: IN FIBERGLASS TANK
5. WATER TRANSPORTED: FASTLINE TO PIT
6. OPERATOR: HARVEY E. YATES COMPANY
SURFACE PIT LOCATED IN UT. K, SEC. 12, T-18S, R-31E
EDDY COUNTY, NM
ORDER # R-8432

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

Signed

RAY F. NOKES

Title

PROD. MGR./ ENG.

Date 7/23/93

(This space for Federal or State office use)

Petroleum Engineer

Approved

(ORIG 323) JOE G. LARA

Title

Date

AUG 28 1993

Conditions of approval, if any:

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS. CO. MISSION

DRAWER DD
ARTESIA, NM 88210

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JUL 20 1993

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Harvey E. Yates Company

AUG 2 1993

O. C. D.

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1. FORMATION: BONE SPRING
2. BWPD: 12
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

RAY F. NOKES

Title

PROD. MGR./ ENG.

Date 7/22/93

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Patricia R. Nokes

AUG 2 1993



BAKER PERFORMANCE
CHEMICALS
A Division of Baker Performance Chemicals, Inc.

WATER ANALYSIS
for
HEYCO

RECEIVED

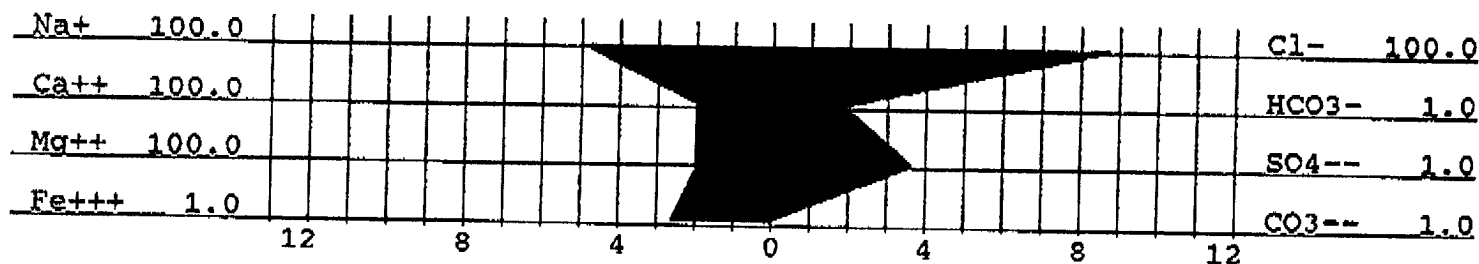
JUL 21 1993

Date of Analysis: JULY 21, 1993
Company: HEYCO
State: NEW MEXICO
Lease: TAYLOR DEEP 12-1Y
Oil (bbl/day): N/D
Type of Water: PRODUCED
Sample Source: WELL HEAD
Representative: STEVE STROUD

Analysis #: 2333
Company Address: ROSWELL
Field: N/D
Well #: 12-1Y
Water (bbl/day): N/D
Temp., C: 20
Date of Sampling: JULY 21, 1993
Analysis By: SUZANNE WILLIAMS

WATER ANALYSIS PATTERN

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



DISSOLVED SOLIDS

CATIONS	me/l	mg/l
Total Hardness	400.00	
Calcium, (Ca++)	200.00	4009.62
Magnesium, (Mg++)	200.00	2430.28
Iron, (Fe+++)	2.69	50.00
Barium, (Ba++)	N/D	N/D
Sodium, Na+(calc.)	504.46	11602.53
Manganese, (Mn++)	0.00	0.00

ANIONS	me/l	mg/l
Chloride, Cl-	901.40	31998.58
Sulfate, SO4--	3.75	180.00
Carbonate, CO3--	0.00	0.00
Bicarbonate, HCO3-	2.00	122.03
Hydroxyl, OH-	0.00	0.00
Sulfide, S--	0.00	0.00
TOTAL SOLIDS (quant.):		50393.04

DISSOLVED GASES

Hydrogen sulfide:	0.00	mg/l
Carbon dioxide	79.20	mg/l
Oxygen	N/D	mg/l

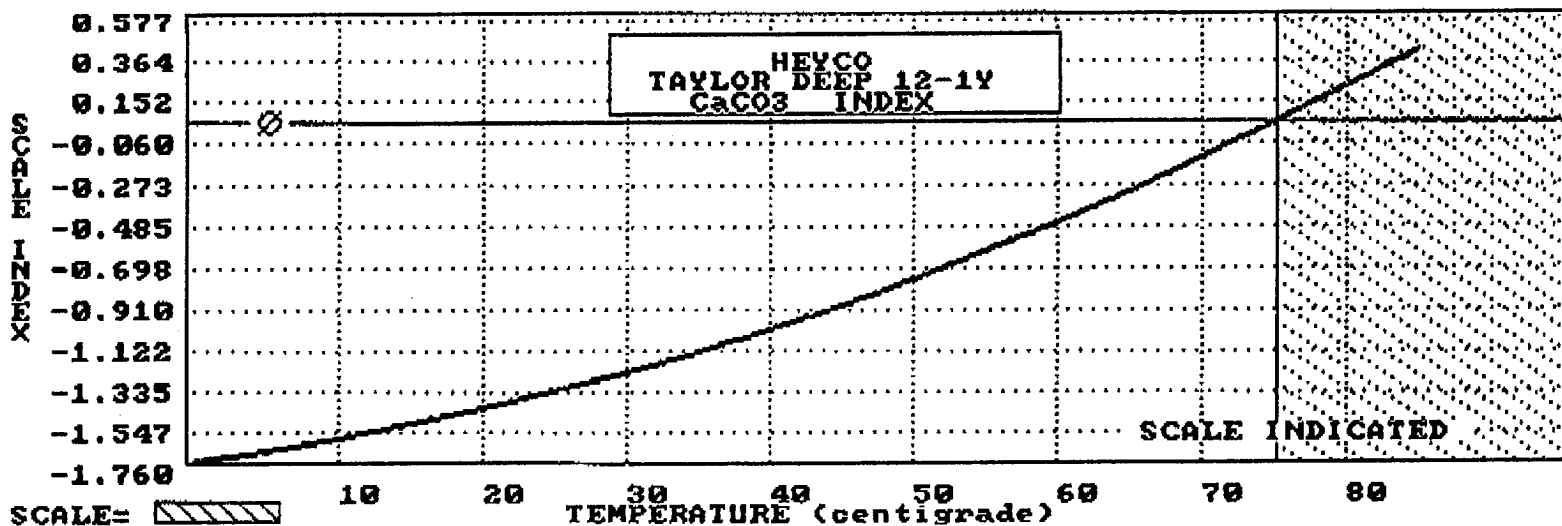
PHYSICAL PROPERTIES

pH	:	5.70
Spec Grav.	:	1.035
TDS (calc.)	:	50395.04

SCALE STABILITIES

Temp., C	CaCO3	CaSO4	BaSO4
20.0	-1.48	2378	1
30.0	-1.29	2492	1
40.0	-1.07	2616	2
Max entity, (calc.)	259		0

RESIDUAL HYDROCARBONS: N/D





SOLUBILITY

