Form 3160-5 (June 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR

## N. .. OIL CONS. COMMISSION P.O. BOX 1980 HOBBS. NEW MEXICO 88740 HOBBS. NEW MEXICO 88740

Expires: March 31, 1993 **BUREAU OF LAND MANAGEMENT** 5. Lease Designation and Serial No. NM-63365 SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir 6. If Indian, Allotte or Tribe Name "APPLICATION FOR PERMIT-" for such proposals

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  UNIT M., 330' FSL & 990' FWL  SEC. 1, T-18S, R-32E  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  Notice of Intent  Abandonment  Recompletion  Plugging Back  Casing Repair  Altering Casing  Other  (Note: Report results of multiple completion and to Injection  Dispose Water  (Note: Report results of multiple completion and to Injection  Dispose Water  (Note: Report results of multiple completion and Well		USE "APPL	CATION FOR PERCENTIAL TOT SHELL PROPOSATS	<u> </u>			
Notice of Intent   Princil Abundoment   Princil A			7. if Unit or CA, Agreement Designation				
Harvey E. Yates Company  TANK 1 FED. #2  9. API Well No. 30-025-30112  10. Field and Pool, or Exploratory Area YOUNG BONE SPRING, 11. County or Parish, State LEA COUNTY, NM  SEC. 1, T-18S, R-32E  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  Notice of Intern.  Abandonment  Recompletion Plugging Back Casing Repair Altering Casing Other  (Not: Repert result of multiple completion in Well Compellators Recompletion Report and Log from.)  Altering Casing Other  (Not: Report result of multiple completion in Well Compellators Recompletion Report and Log from.)  13. Describe Proposed of Completion Recomplation in Well Compellators Recompletion Report and Log from.)  14. FORMATION: BONE SPRING  APPROX. 3. 58 BW  3. WTR ANALYSIS: SEE ATTACHED.  5. WATER TRANSPORTED: BY FASTLINE TO "HEYCO'S" ESWS; FOR BACKUP PW TRUCKED TO DISPOSAL TENNESSEE WATER DISPOSAL OR LOCO HILLS WATER DISPOSAL COMPANY TENNESSEE FEDERAL WELL #1 SEC. 14, T-17S, R-30E UNIT I, SEC. 21, T-19S, R-31E EDDY COUNTY, NM			Other				
3. Address and Talaphona No. P.O. Box 1993 , Roswell, NM 88202 1-505-623-6601  10. Field and Fool, or Exploratory Area YOUNG BONE SPRING, 10. UNIT M, 330° FSL & 990° FWL SEC. 1, T-188, R-32E  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent Recompletion Non-Rostine for a substruction Recompletion Plassi Recompletion Altering Casing Other  Other  Recompletion or Recompletion report and Log Pern. 13. Describe Proposed of Completed Operations (Charly state all particul depths for all markers and record portions) to Indicate the date of statiffing may proposed work. If well is directionally diffied, give ruberaffice locations and measured and two vertical depths for all markers and record portions to Child work.)  1. FORMATION: BONE SPRING 2. BWPD: APPROX. 3. 58 BW  SEE ATTACHED.  4. LEASE STORAGE: STOCK TANKS FOR BACKUP & TESTING (TANK 1 FED. # 2 PAD) TENNESSEE FEDERAL WELL # 1 SEC. 14, T-178, R-30E UNIT 1, SEC. 21, T-198, R-31E EDDY COUNTY, NM	2. Name	e of Operator		8. Well Name and No.			
3. Address and Telephones No. P.O. Box 1993 , Roswell, NM 88202 1-505-623-6601  10. Fleta and Pool, or Exploratory Area YOUNG BONE SPRING, 11. County or Parish, State YOUNG BONE SPRING, 11. County or Parish, State LEA COUNTY, NM SEC. 1, T-18S, R-32E  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  Notice of Intent.    Abandonment   Abandonment   Recompletion   Plugging Back   Casing Repair   Non-Routine Fracturing   Non-Routine Fracturing	1	Harvey E. Yates Compai	ıy	TANK 1 FED. #2			
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Recompletion   New Construction   Non-Routine Fracturing   Water Shut-Off   Conversion to Injection   Other		Notice of Intent	Abandonment	Change in Pians			
Plugging Back   Casing Repair   Water Shut-Off   Conversion to Injection   Other   Water Shut-Off   Conversion to Injection   Water Shut-Off   Conversio	<u>.</u>			⊣ *			
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UNIT I, SEC. 21, T-19S, R-31E EDDY COUNTY, NM	U.	OFERATOR.					
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NOTE: WATER TRANSFERED TO E.S.W.S. GATHERING SYSTEM LOCATED ON TANK 1 FED. #2 PAD							
UT. M, SEC. 1, T-18S, R-32E. WATER THEN TRANSFERRED TO 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 bereby certify that the foregoing is true and correct  RAY F. NOKES	Title	PROD. MGR/ ENG.	Date_	1/3/95
(This space for Federal or State office use)  (ORIG. SGD.) JOE G. LARA Approved by	THIPET	ROLEUM ENGINEER	Date	2/2/95
Conditions of approval, if any:  See. attached.			_	4/

This 18 U.S.C. Section 1901, makes it a crime for any person knowingly and wildully to make to any department or agency of the United States any false, firtitious or fraudulent statements

OFFICE STATES



### Water Analysis Report

Analysis Number: 000003141

10/05/94 Date of Sampling....: Heyco Company....: 10/05/94 Roswell, New Mexico Date of Analysis....: Location....: Steven, Stroud
1-2 / /-/
Williams Baker Representative.: F1eld....: Tank Fed. Well#....: Lease....: Wellhead Analysis by....: Sample Source...:

	DISSOLVED SOLI	os		DISSO	LVED GAS	SES	
CATIONS:	mg/l	me/l	Hydroge	n Sulfide,	, н2ѕ:		0.0
Ca++	6800.00	340.00	Carbon	Dioxide, (	:02:	1	02.9
Mg++	1708.00	140.00	Oxygen,	02			0.0
Fe+++	20.00	1.08					
· Ba++	0.00	0.00		PHYSI	CAL PROI	PERTIES	
Na+	56017.42	2435.54	pl1		:		6.1
Mn++	0.00	0.00	Specifi	c Gravity.		1	.115
ANIONS:			IDS (ca	(culated)	ррш:	1687	44.4
ci-	102000.00	2873.24	IIS (ca	(culated)	:		3.2
so4	1650.00	34.38					
HC03-	549.00	9.00		SCAL	E STABII	LITIES	
CO3	0.00	0.00	Temp. °C	°F_	CaCO3	CaSO4	BaSO4
OH•	0.00	0.00	20	68	0.33	2838	1
. <b>S•</b>	0.00	0.00	30	86	0.55	3046	1
		: 480.00	40	104	0.80	3592	1
	quantitative)		Max ent	ity, (calc	culated):	2463	0
	CARBONS(ppm)						
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WATER ANALYSIS PATTERN	
(number beside ion symbol indicates me/l scale unit)	
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NOTES:

# BUREAU OF LAND MANAGEMENT CARLSBAD RESOURCE AREA

### Disposal of Produced Water From Federal Wells

#### Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

- 1. This agency be notified of any change in your method or location of disposal.
- 2. Compliance with all provisions of Onshore Oil and Gas Order No. 7.
- 3. This agency shall be notified of any spill or discharge as required by NTL-3A.
- 4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
- 5. All aboveground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days if you have not already done so.
- 6. Any on lease open top storage tanks or pits shall be covered with a wire screen or plastic/nylon netting to prevent entry by birds and other wildlife.
- 7. This approval does not constitute right-of-way approval for any off lease activities. If water is transported via a pipeline that extends beyond the lease boundary, you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.

Courrells Uffice