	w *			NM OIL CONS COMMISSION
			•	Desemen DD
Form 3160-5	UNI	TED STATES		Artesia, NM 88210
(June 1990)		T OF THE INTERIOR		Budget Bureau No. 1004-0135
	BUREAU OF I	AND MANAGEMENT		5. Lease Designation and Serial No.
				NM-81616
Do not use		AND REPORTS ON V		6. If Indian, Allottee or Tribe Name
00 1101 036	this form for proposals to dri Use "APPLICATION FOR	II or to deepen or reent	ry to a different reserv	voir.
	SUBMIT	IN TRIPLICATE		7. If Unit or CA, Agreement Designation
1. Type of Well	······································	······································	· · · · · · · · · · · · · · · · · · ·	
X Well	Gas Well Other			8. Well Name and No.
2. Name of Opera	itor			CEDAR CANYON "10" FEDERAL #1
MARALO,				9. API Well No.
3. Address and Te	•			30-015-27366
4. Location of We	X 832, MIDLAND, TX 79702 III (Footage, Sec., T., R., M., or Survey De	(915) 684-744	1	10. Field and Pool, or Exploratory Area
	& 1650' FWL, SEC. 10, T-24-		. •	CEDAR CANYON - BONE SPRING
		, (25°°E, 0411 C		11. County or Parish, State
				EDDY, NM
12. CH	ECK APPROPRIATE BOX() TO INDICATE NAT	JRE OF NOTICE, RE	
	PE OF SUBMISSION		TYPE OF ACT	
	Notice of Intent		nent	Change of Plans
[]			tion	New Construction
L X	Subsequent Report	Plugging	Back	Non-Routine Fracturing
	P : 1.41 4 4 4		•	Water Shut-Off
	Final Abandonment Notice		Casing NTL-2B	Conversion to Injection
		L Other		Dispose Water (Note: Report results of multiple completion on Well
T aj Sj ta Co Oj	face locations and measured and true vertica pproximately 11 ba: pring Formation. If ank and moved by t: orporation to NMOCI ocated in Sec. 23, perated by Scurloci ater Analysis Attac)" Federal, Wel rrels of water Nater is stored ruck from locat O Order #505 - T-22-S, R-27-E C Permian Corpo	l #1, produces per day from i in (1) 500 bl ion by Scurlo Rohmer SWD #1 , Eddy County	the Bone bl. fiberglass ck Permian , which is
14 Thereby and f.	that the foregoing is true and correct			New Method
	and the foregoing is true and correct	****		Part and the second
Signed	miner pagan	Title <u>REGUL</u>	TORY ANALYST	Date FEBRUARY 14, 1995
•	Federal or State office use) Orig. Signed by Adam Salamah	Dates	loum Engineer	-1
Approved by Conditions of ap		Title	ioum cnameer	Date 3/16/95
fitle 18 U.S.C. Section representations as	ion 1001, makes it a crime for any person ki to any matter within its jurisdiction.	nowingly and willfully to make to a	ny department or agency of the L	Jnited States any false, fictitious or fraudulent statements
	· · · · · · · · · · · · · · · · · · ·	*See Instruction on	Reverse Side	

(rev. 3/10/94)

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, then 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.

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Martin Water Laboratories, Inc.

P. O. BOX 1468 MONAHANS, TEXAS 79756 PH. 943-3234 OR 563-1040

709 W. INDIANA MIDLAND. TEXAS 79701 PHONE 683-4521

RESULT	OF	WATER	ANAL	YSES
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Mr Bill Hunt	LABORATORY NO.				
TO: Mr. Bill Hunt	SAMPLE RECEIVED		-8-95		
P. O. Box 832, Midland, TX 79	9702	RESULTS REPORTED 2-13-95			
COMPANY Maralo, Inc.		LEASE Cedar Canyon 10-1			
SECTION BLOCK SURVEY	COUNTY	STA1			
SOURCE OF SAMPLE AND DATE TAKEN:			<i>د</i>		
NO.1 Produced water - taken f	rom Cedar Canv	on 10-1, 2-7-9	5		
NO. 2					
NO. 3			· · · · · · · · · · · · · · · · · · ·		
NO. 4					
EMARKS:					
Cł	EMICAL AND PHYSIC	CAL PROPERTIES		· · · · · · · · · · · · · · · · · · ·	
	NO. 1	NO. 2	NO. 3	NO. 4	
Specific Gravity at 60 ° F.	1.1225				
pH When Sampled					
pH When Received	5.96				
Bicarbonate as HCO,	537				
Supersaturation as CaCO ₃					
Undersaturation as CaCO ₃					
Total Hardness as CaCO,	4,300				
Calcium as Ca	1,260				
Magnesium as Mg	279				
Sodium and/or Potassium	76,730				
Sulfate as SO	414				
Chloride as Cl	120,732				
Iron as Fe	46.0				
Barium as Ba					
Turbidity, Electric					
Color as PI					
Total Solids, Calculated	199,952				
Temperature °F.					
Carbon Dioxide, Calculated					
Dissolved Oxygen,					
Hydrogen Sulfide	0.0				
Resistivity, ohms/m at 77° =	0.05	8			
Suspended Oil					
Filtrable Solids as mg/l					
Volume Filtered, mł					
	Results Reported As Mill	igrams Por Liter			
Additional Determinations And Remarks The under			a ha true	3	
to the best of his knowledge an	nd belief	fies the above t	o de true an	<u>i correct</u>	
to the best of his knowledge al	nu verier.		· · · · · · · · · · · · · · ·		

£ (5. (ii login l By_ W. Reagan White, B.S.

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