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Signed Operator Date 7/01/04 (This space for Federal or State office use)	See Attached	GAR	Y GOURLEY EUM ENGINEER 6	
Approved by Title Date DateDateDateDate	signed Ligh C Mula		Date7/01/04	
Conditions of approval, if any: Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictutious or fraudulent statement or representations as to any matter within its jurisdiction.		Tiela	D	
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NM 12413



The following information is needed before your disposal of produced water can be approved, per Onshore Oil & Gas Order #7.

You may attach this information to your Sundry Notice (3160-5). Submit all required information as per this attachment, submit a Sundry Notice(3160-5), one original and five copies to this office within the required time.

1. Name(s) of all formation(s) producing water on the lease. Delaware

2. Amount of water produced from all formations in barrels per day. 17.5

3. A CURRENT water analysis of produced water from all zones showing at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates.

4. How water is stored on the lease, 400 B FG Enclosed Tank

5. How water is moved to the disposal facility. Pump on location sends water to Mack Energy Disposal System

6. Identify the Disposal Facility by:

 A. Operators' Name
 Mack Chase Corporation (Formerly Pronghorn)

 B. Well Name
 Pipeline

C. Well type and well number

D. Location by quarter/quarter, section, township, and range_

7. A copy of the Underground Injection Control Permit - issued for the injection well by the Environmental Protection Agency or New Mexico Oil Conservation Division where the State has achieved primacy.

MITCHELL ANALYTICAL LABORATORY

2638 Faudree Odessa, Texas 79765-8538 561-5579

Company: Nalco Energy Services

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Well Number:	Andaway #1	Sample Temp:	70
Lease:	Intrepid Operating	Date Sampled:	6/17/2004
Location:		Sampled by:	Mike Athey
Date Run:	6/22/2004	Employee #:	27-008
Lab Ref #:	04-jun-n21851	Analyzed by:	DOM

Dissolved Gases

Hydrogen Sulfide Carbon Dioxide Dissolved Oxygen	(H2S) (CO2) (O2)		OT ANAL OT ANAL		Mg/L .00	Eq. Wt. 16.00	MEq/L .00				
Cations											
Calcium Magnesium Sodium	(Ca++) (Mg++) (Na+)			4,8	924.00 880.00 .37.09	20.10 12.20 23.00	1,240.00 400.00 2,310.31				
Barium	(Ba++)			/7ED							
Manganese	(Mn+)	NC	OT ANALY		4.73	27.50	.17				
Anions											
Hydroxyl	(OH-)		11.000.00		.00	17.00	.00				
Carbonate	(CO3=)				.00	30.00	.00				
BiCarbonate	(HCO3-)				.00	61.10	.00				
Sulfate	(SO4=)			3	75.00	48.80	7.68				
Chloride	(Cl-)			140,1	54.00	35.50	3,948.00				
Total Iron	(Fe)				96.8	18.60	5.20				
Total Dissolved Sol				•	71.62						
Total Hardness as (818.00						
Conductivity MICRO	DMHOS/CM			45	0,000						
рН 4.630)		Specific Gravity 60/60 F. 1.155				1.155				
CaSO4 Solubility @ 8	80 F.	7.67		MEq/L,	CaSo4 :	scale is likely					
80.0 -4	.023 100 .873 110 .273 120	0.0	-4.273 -3.653 -3.653	130.0 140.0 150.0	-3.2 -3.2 -3.2	273					

Nalco Energy Services

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