

1R - 427-177

# REPORTS

DATE:

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**TETRA TECH**

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December 11, 2012

Mr. Edward Hansen  
New Mexico Energy, Minerals, & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

**Re: Monitoring Well Plugging Report, Rice Operating Company, Eunice Monument Eumont (EME) Saltwater Disposal System (SWD) A-2-1 Junction Box, Unit "A", Sec. 2, T-20-S, R-36-E, Lea County, New Mexico, NMOCD CASE #1R427-177**

Mr. Hansen:

On behalf of Rice Operating Company (ROC), Tetra Tech, Inc. (Tetra Tech) submits the following Monitoring Well Plugging Report for the Eunice Monument Eumont (EME) A-2-1 Junction Box. ROC is the service provider (agent) for the EME SWD system and has no ownership of any portion of the pipeline, well or facility. The EME SWD system is owned by a consortium of oil producers, Systems Parties, who provide all operating capital on a percentage ownership/usage basis.

On September 7, 2012, ROC submitted a Termination Request for this site to the NMOCD. The Termination Request was approved by the NMOCD on September 20, 2012. As part of the Termination Request, on October 15, 2012, the two (2) monitor wells (MW-1 and MW-2) were properly plugged using a cement grout with 1% to 3% bentonite and a 3-foot cap of cement at the surface. The concrete pads and surface completions were removed during the plugging operations. MW-3, the up-gradient well, was left in place to monitor the regional impact area. Copies of the Plugging Reports and photographs of the plugging activities are attached to this report.

ROC acknowledges they have met the requirements of 19.15.29 NMAC, the NMOCD terminated the remediation plan (1R427-177) in accordance with 19.15.29 NMAC and no further action is required.

Tetra Tech

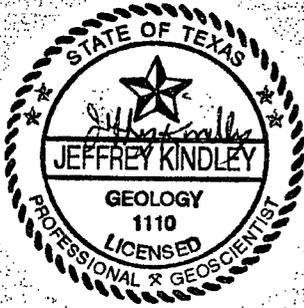
1910 North Big Spring, Midland, TX 79705

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com



**TETRA TECH**

If you require any additional information or have any questions or comments concerning the plugging report, please contact Hack Conder of ROC at (575) 393-9174.



Respectfully Submitted,  
Tetra Tech, Inc.

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Jeffrey Kindley, P.G.  
Senior Project Manager

cc: Hack Conder – ROC  
Enclosures: Plugging Reports, Photographs

# HARRISON & COOPER, INC.

*Drilling & Pump Professionals*

7414 85<sup>th</sup> Street, Lubbock, Texas 79424-4951

P.O. Box 96, Wolfforth, Texas 79382-0096

Ph: (806) 866-4026

Fax: (806) 866-4044

[hcidrill.com](http://hcidrill.com)

## Plugging Report

Client	Rice Operating
Contractor	Harrison & Cooper
Date Completed	10/15/2012
Site	EME jct. A-2-1
Well ID	MW-1
Casing Diameter	2"
Well Depth	54'
Casing Material	PVC
Plugging Material	Portland/Bentonite Slurry
Slurry Interval	3'-54'
Cement Interval	0'-3'

Copies: File  
Email (Rice)

Regulated by: Texas Dept. of Licensing & Regulation, Water Well Division, P.O. Box 12157, Austin, TX 78711, (800) 803-9202

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## Plugging Report

Client	Rice Operating
Contractor	Harrison & Cooper
Date Completed	10/15/2012
Site	EME jct. A-2-1
Well ID	MW-2
Casing Diameter	2"
Well Depth	49'
Casing Material	PVC
Plugging Material	Portland/Bentonite Slurry
Slurry Interval	3'-49'
Cement Interval	0'-3'

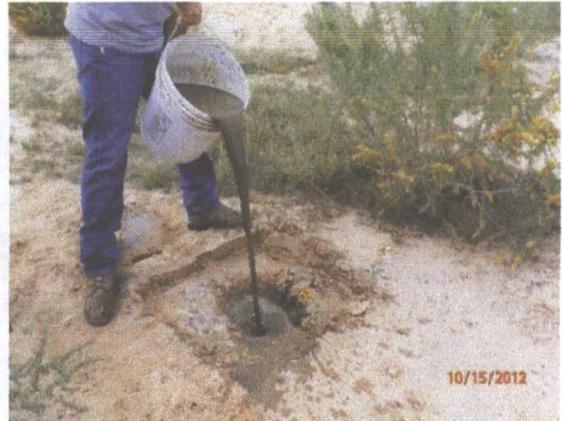
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**EME Jct. A-2-1  
Unit A, Section 2, T-20-S, R-36-E**



**Pulling MW-1, facing northeast 10/15/12**



**Plugging MW-1 with a 1-3% bentonite/concrete slurry with a 3 ft concrete cap 10/15/12**



**Completed plug and abandonment of MW-1, facing northeast 10/15/12**



**Pulling MW-2, facing south 10/15/12**



**Plugging MW-2 with a 1-3% bentonite/concrete slurry with a 3 ft concrete cap 10/15/12**



**Completed plug and abandonment of MW-2, facing south 10/15/12**