

1R - 476

REPORTS

DATE:

10-27-09

Texerra

505 N Big Spring, Suite 404 Midland, Texas 79701

Tel: 432-634-9257 E-mail: lp@texerra.com

October 27th, 2009

2009 NOV 12 PM 1 35

Mr. Edward Hansen

New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87504

RE: **Monitor Well Plugging and Abandonment Report**
Rice Operating Company –EME SWD System
C-16(1) and C-16(2) Leaks – OCD Case Nos. 1R0476 and 1R0477
UL-C, Sec 16 T20S, R37E

Sent via E-mail and U.S. Certified Mail Return Receipt No. 7007 0710 0003 0305 3781

Dear Mr. Hansen:

Please be advised that Harrison & Cooper, Inc. has plugged and abandoned the six (6) monitor wells for the above-referenced projects per the requirements specified in your e-mail letters of September 4th (attached). These wells were plugged using a 1% to 3% bentonite slurry and a 3 foot cap of concrete at the surface. Given below are photographs of the plugging event which occurred on September 24th of this year, and enclosed are Plugging Reports for each of the six monitor wells from Harrison & Cooper.

ROC is the service provider (agent) for the EME Salt Water Disposal System and has no ownership of any portion of pipeline, well, or facility. The EME SWD System is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

Thank you for your work with these projects.

Sincerely,



L. Peter Galusky, Jr. Ph.D.
Principal

Attachments: NMOCD e-mail letters of 09.04.09
Photographs of monitor well plugging on 09.24.09
Enclosure: Monitor well plugging reports from Harrison and Cooper.
Cc: Rice Operating Company



L Peter Galusky <lpg.texerra@gmail.com>

Remediation Plan (1R-476) Termination

3 messages

Hansen, Edward J., EMNRD <edwardj.hansen@state.nm.us>

Fri, Sep 4, 2009 at 5:46 PM

To: Hack Conder <hconder@riceswd.com>

Cc: Marvin Burrows <mburrows@riceswd.com>, Scott Curtis <scurtis@riceswd.com>, "Johnson, Larry, EMNRD" <larry.johnson@state.nm.us>, lpg@texerra.com

RE: Remediation Termination Request for the Rice Operating Company's**EME C-16(1) Leak Site****Unit Letter C, Section 16, T20S, R37E, NMPM, Lea County, New Mexico****Remediation Plan (1R-476) Termination**

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received Rice Operating Company's report and request to close the above-referenced site (dated July 10, 2009). The report is acceptable to the OCD. However, the material used to plug the groundwater monitoring wells and recovery well must be a cement grout with 1% to 3% bentonite. Please submit to the OCD a final plugging report within one year of receipt of this notice.

The above-referenced report, submitted in accordance with 19.15.29 NMAC (Section 19 of (Part 29; formally, Rule 116)), indicates that Rice Operating Company has met the requirements of 19.15.29 NMAC; therefore, the OCD approves the report and hereby notifies you that the remediation plan (1R-476) is terminated in accordance with 19.15.29 NMAC.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen

Hydrologist

<http://mail.google.com/mail/?ui=2&ik=eab5b575b1&view=pt&search=inbox&th=123873c...> 9/14/2009



Leonard Galusky <lpgalusky@alumni.virginia.edu>

Remediation Plan (1R-477) Termination Rice EME C-16(2) Leak Site]

3 messages

Hansen, Edward J., EMNRD <edwardj.hansen@state.nm.us> Fri, Sep 4, 2009 at 5:48 PM
 To: Hack Conder <hconder@riceswd.com>
 Cc: Marvin Burrows <mburrows@riceswd.com>, Scott Curtis <scurtis@riceswd.com>, "Johnson, Larry, EMNRD" <larry.johnson@state.nm.us>, lpg@texerra.com

RE: Remediation Termination Request for the Rice Operating Company's

EME C-16(2) Leak Site

Unit Letter C, Section 16, T20S, R37E, NMPM, Lea County, New Mexico

Remediation Plan (1R-477) Termination

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received Rice Operating Company's report and request to close the above-referenced site (dated July 10, 2009). The report is acceptable to the OCD. However, the material used to plug the groundwater monitoring wells and recovery well must be a cement grout with 1% to 3% bentonite. Please submit to the OCD a final plugging report within one year of receipt of this notice.

The above-referenced report, submitted in accordance with 19.15.29 NMAC [Section 19 of (Part 29: formally, Rule 116)], indicates that Rice Operating Company has met the requirements of 19.15.29 NMAC; therefore, the OCD approves the report and hereby notifies you that the remediation plan (1R-477) is terminated in accordance with 19.15.29 NMAC.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen

<http://mail.google.com/a/alumni.virginia.edu/?ui=2&ik=181a5c2cdb&view=pt&cat=Rice...> 9/14/2009





HARRISON & COOPER, INC.

Drilling & Pump Professionals

7414 85th Street, Lubbock, Texas 79424-4951

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

Ph: (806) 866-4026

Fax: (806) 866-4044

harrisoncooper-drilling.com

Plugging Report

Client	Rice Operating
Contractor	Harrison & Cooper
Date Completed	9/24/2009
Site	EME C-16-1
Well ID	MW-1
Casing Diameter	4"
Well Depth	28'
Casing Material	PVC
Plugging Material	Portland/Bentonite Slurry
Slurry Interval	3'-28'
Cement Interval	0'-3'

Copies: File

Email (Lara Weinheimer)

Mail (Rice-Hobbs)

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

HARRISON & COOPER, INC.

Drilling & Pump Professionals

7414 85th Street, Lubbock, Texas 79424-4951

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

Ph: (806) 866-4026

Fax: (806) 866-4044

harrisoncooper-drilling.com

Plugging Report

Client	Rice Operating
Contractor	Harrison & Cooper
Date Completed	9/24/2009
Site	EME C-16-1
Well ID	MW-2
Casing Diameter	2"
Well Depth	30'
Casing Material	PVC
Plugging Material	Portland/Bentonite Slurry
Slurry Interval	3'-30'
Cement Interval	0'-3'

Copies: File

Email (Lara Weinheimer)

Mail (Rice-Hobbs)

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

HARRISON & COOPER, INC.

Drilling & Pump Professionals

7414 85th Street, Lubbock, Texas 79424-4951

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

Ph: (806) 866-4026

Fax: (806) 866-4044

harrisoncooper-drilling.com

Plugging Report

Client	Rice Operating
Contractor	Harrison & Cooper
Date Completed	9/24/2009
Site	EME C-16-1
Well ID	MW-3
Casing Diameter	2"
Well Depth	30'
Casing Material	PVC
Plugging Material	Portland/Bentonite Slurry
Slurry Interval	3'-30'
Cement Interval	0'-3'

Copies: File

Email (Lara Weinheimer)

Mail (Rice-Hobbs)

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

HARRISON & COOPER, INC.

Drilling & Pump Professionals

7414 85th Street, Lubbock, Texas 79424-4951

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

Ph: (806) 866-4026

Fax: (806) 866-4044

harrisoncooper-drilling.com

Plugging Report

Client	Rice Operating
Contractor	Harrison & Cooper
Date Completed	9/24/2009
Site	EME C-16-2
Well ID	MW-1
Casing Diameter	4"
Well Depth	28'
Casing Material	PVC
Plugging Material	Portland/Bentonite Slurry
Slurry Interval	3'-28'
Cement Interval	0'-3'

Copies: File

Email (Lara Weinheimer)

Mail (Rice-Hobbs)

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

HARRISON & COOPER, INC.

Drilling & Pump Professionals

7414 85th Street, Lubbock, Texas 79424-4951

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

Ph: (806) 866-4026

Fax: (806) 866-4044

harrisoncooper-drilling.com

Plugging Report

Client	Rice Operating
Contractor	Harrison & Cooper
Date Completed	9/24/2009
Site	EME C-16-2
Well ID	MW-2
Casing Diameter	2"
Well Depth	28'
Casing Material	PVC
Plugging Material	Portland/Bentonite Slurry
Slurry Interval	3'-28'
Cement Interval	0'-3'

Copies: File

Email (Lara Weinheimer)

Mail (Rice-Hobbs)

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

HARRISON & COOPER, INC.

Drilling & Pump Professionals

7414 85th Street, Lubbock, Texas 79424-4951

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

Ph: (806) 866-4026

Fax: (806) 866-4044

harrisoncooper-drilling.com

Plugging Report

Client	Rice Operating
Contractor	Harrison & Cooper
Date Completed	9/24/2009
Site	EME C-16-2
Well ID	MW-3
Casing Diameter	2"
Well Depth	29'
Casing Material	PVC
Plugging Material	Portland/Bentonite Slurry
Slurry Interval	3'-29'
Cement Interval	0'-3'

Copies: File

Email (Lara Weinheimer)

Mail (Rice-Hobbs)

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