

1R - 427-231

APPROVALS

YEAR(S):

2010-2011

## Hansen, Edward J., EMNRD

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Wednesday, August 31, 2011 2:29 PM  
**To:** 'Katie Jones'  
**Cc:** Leking, Geoffrey R, EMNRD; Hack Conder; Lara Weinheimer  
**Subject:** RE: ROC - EME P-8-3 boot (1R427-231) Request to Leave MW-2 in Place

Dear Ms. Jones:

The New Mexico Oil Conservation Division (OCD) has reviewed the groundwater monitoring well plugging amendment, dated August 31, 2011, for the above-referenced site. The OCD hereby conditionally approves the amendment as partial fulfillment of the Remediation Plan, 1R427-231.

Rice Operating Company must plug groundwater monitoring well, MW-2, at the site within 5 years.

Please be advised that OCD approval of this amendment 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 questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen  
Hydrologist  
Environmental Bureau

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**From:** Katie Jones [<mailto:kjones@riceswd.com>]  
**Sent:** Wednesday, August 31, 2011 1:03 PM  
**To:** Hansen, Edward J., EMNRD  
**Cc:** Hack Conder; Lara Weinheimer  
**Subject:** ROC - EME P-8-3 boot (1R427-231) Request to Leave MW-2 in Place

Mr. Hansen,

Since the EME P-8-3 boot (1R427-231) site is located within the regionally impacted area, ROC requests to leave the up-gradient monitoring well (MW-2) in place to continue monitoring regional impacts. The near-source monitoring well (MW-1) will be plugged and abandoned using a cement grout with 1%-3% bentonite and a 3 ft cap of cement at the surface. If you have any questions, please contact me or Hack Conder.

Thank you.

Katie Jones  
Environmental Project Manager  
RICE Operating Company

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**From:** Katie Jones  
**Sent:** Tuesday, August 30, 2011 9:59 AM  
**To:** 'Edward J. EMNRD Hansen'  
**Cc:** Hack Conder; 'Lara Weinheimer'  
**Subject:** ROC - EME P-8-3 boot (1R427-231) Notification of Activities

Mr. Hansen,

Drilling activities were previously scheduled for this week (August 29 through September 2), as such ROC will plug and abandon the monitoring wells (MW-1 and MW-2) located at EME P-8-3 boot (1R427-231) this week. The wells will be plugged in accordance with the NMOCD approval of the Corrective Action Plan (CAP) received on August 25, 2011. The wells will be plugged using a cement grout with 1%-3% bentonite and a 3 ft cap of cement at the surface. If you have any questions, please contact me or Hack.

Thank you.

Katie Jones  
Environmental Project Manager  
*RICE Operating Company*

**Hansen, Edward J., EMNRD**

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Thursday, August 25, 2011 2:41 PM  
**To:** 'Hack Conder'  
**Cc:** Leking, Geoffrey R, EMNRD; 'Katie Jones'; Lara Weinheimer  
**Subject:** Corrective Action Plan (1R427-231) Approval - ROC EME P-8-3 Boot Site

**RE: Corrective Action Plan for the Rice Operating Company's  
EME P-8-3 Boot Site  
Unit Letter P, Section 8, T20S, R37E, NMPM, Lea County, New Mexico  
Corrective Action Plan (1R427-231) Approval**

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received the Corrective Action Plan for the EME P-8-3 Boot Site, dated July 25, 2011 (and addendum of August 16, 2011) and has conducted a review of the Plan. The Plan indicates that Rice Operating Company (ROC) has met the requirements of 19.15.29 NMAC (Part 29; formerly, Rule 116) for a remediation plan. Therefore, the OCD hereby conditionally approves the Corrective Action Plan as proposed for above-referenced site in accordance with 19.15.29 NMAC:

ROC must submit to the OCD a report of the corrective actions within 120 days.

Please be advised that OCD approval of this plan 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  
Environmental Bureau

**Hansen, Edward J., EMNRD**

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Tuesday, March 29, 2011 2:12 PM  
**To:** Hack Conder  
**Cc:** Leking, Geoffrey R, EMNRD; lweinheimer@rice-ecs.com; 'Katie Jones'  
**Subject:** Proposed Groundwater Monitoring Activities Approval (1R427-231) - ROC EME P-8-3 Boot Site

**RE: ICP Report for the Rice Operating Company's  
EME P-8-3 Boot Site (1R427-231)  
Unit Letter P, Section 8, T20S, R37E, NMPM, Lea County, New Mexico  
Proposed Groundwater Monitoring Activities Approval**

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received the ICP Report for the EME P-8-3 Boot Site, dated February 18, 2011, and has conducted a review of the proposed groundwater monitoring activities. The proposed groundwater monitoring activities indicate that Rice Operating Company (ROC) has met the requirements of 19.15.29 NMAC (Part 29; formerly, Rule 116) for a remediation plan. Therefore, the OCD hereby conditionally approves the proposed groundwater monitoring activities as proposed for above-referenced site in accordance with 19.15.29 NMAC:

ROC must submit to the OCD a report of groundwater monitoring activities and a corrective action plan within 120 days.

Please be advised that OCD approval of these proposed groundwater monitoring activities 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  
Environmental Bureau

**Hansen, Edward J., EMNRD**

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Wednesday, December 22, 2010 12:16 PM  
**To:** Hack Conder  
**Cc:** Leking, Geoffrey R, EMNRD; lweinheimer@rice-ecs.com; 'Katie Jones'  
**Subject:** ICP Approval - (1R427-231) Rice EME P-8-3 Boot Site

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has reviewed the submitted Investigation Characterization Plan (ICP), dated November 18, 2010, for the below-referenced site. The OCD hereby conditionally approves the following ICP for the Rice Operating Company (ROC) site:

Rice EME P-8-3 Boot Site submitted by Rice Environmental Consulting & Safety (RECS) on 11/19/2010 #1R427-231

ROC must determine the lateral extent of the release.

ROC must submit an ICP report to the OCD within 60 days.

Also, please be advised that OCD approval of this plan 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 questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen  
Hydrologist  
Environmental Bureau

P.S.: Please use the above-referenced OCD case # in future correspondence regarding this site.