

1R - 487

APPROVALS

YEAR(S):

2012-2013

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Wednesday, December 12, 2012 10:21 AM
To: Hack Conder (hconder@riceswd.com)
Cc: Leking, Geoffrey R, EMNRD; Katie Jones <kjones@riceswd.com> (kjones@riceswd.com); Laura Pena (lpena@riceswd.com); sharon.hall@arcadis-us.com
Subject: Continued Corrective Actions (1R-487) Approval - ROC Hobbs N-6 Pipeline Leak Site

**RE: Initial Corrective Action Plan Report for the Rice Operating Company's
Hobbs N-6 Pipeline Leak Site
Unit Letter N, Section 5 & 6, T19S, R38E, NMPM, Lea County, New Mexico
Continued Corrective Actions (1R-487) Approval**

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received the Initial Corrective Action Plan Report (dated October 2, 2012) for the above-referenced site. The report indicates that Rice Operating Company (ROC) has met the requirements of 19.15.29 NMAC (Rule 29; formerly, Rule 116) for a remediation plan. Therefore, the OCD hereby approves the continued corrective actions for above-referenced site 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
Environmental Bureau

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Monday, December 03, 2012 3:07 PM
To: Katie Jones <kjones@riceswd.com> (kjones@riceswd.com)
Cc: Leking, Geoffrey R, EMNRD; Hack Conder (hconder@riceswd.com); Laura Pena (lpena@riceswd.com); sharon.hall@arcadis-us.com
Subject: Well Plugging Request (1R-487) Approval - ROC Hobbs N-6 Pipeline Leak Site

**RE: Well Plugging Request for the Rice Operating Company's
Hobbs N-6 Pipeline Leak Site
Unit Letter N, Section 5 & 6, T19S, R38E, NMPM, Lea County, New Mexico
Well Plugging Request (1R-487) Approval**

Dear Ms. Jones:

The New Mexico Oil Conservation Division (OCD) has received the well plugging request (dated November 30, 2012) and additional information of December 3, 2012, for the above-referenced site. The request indicates that Rice Operating Company (ROC) has met the requirements of 19.15.29 NMAC (Rule 29; formerly, Rule 116) for a remediation plan. Therefore, the OCD hereby conditionally approves the request as proposed for above-referenced site in accordance with 19.15.29 NMAC:

ROC must continue to monitor the remaining wells at the site (including IWW-1 if possible).

ROC must submit to the OCD a plugging report within 90 days.

Please be advised that OCD approval of this request 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

From: Katie Jones <kjones@riceswd.com>
Sent: Friday, November 30, 2012 1:46 PM
To: Hansen, Edward J., EMNRD
Cc: Hack Conder; Hall, Sharon; Laura Pena
Subject: ROC - Hobbs N-6 (1R-487) Plugging Request
Attachments: Hobbs N-6 (1R-487).jpg

Mr. Hansen,

Rice Operating Company (ROC) respectfully requests to plug and abandon monitoring wells located at the above referenced site. Recent development adjacent to the Hobbs N-6 (1R-487) site has encompassed MW-3, MW-3R, BS-3, PZ-3 and PZ-4. The wells are now located in the roadway and entrance gate to a oilfield storage yard. Due to safety concerns, ROC requests to plug and abandon the wells using a cement grout with 1-3% bentonite and a 3 ft cap of cement on the surface. If you have any questions or require any additional information, please contact Hack Conder or myself at (575)393-9174.

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

Thank you.

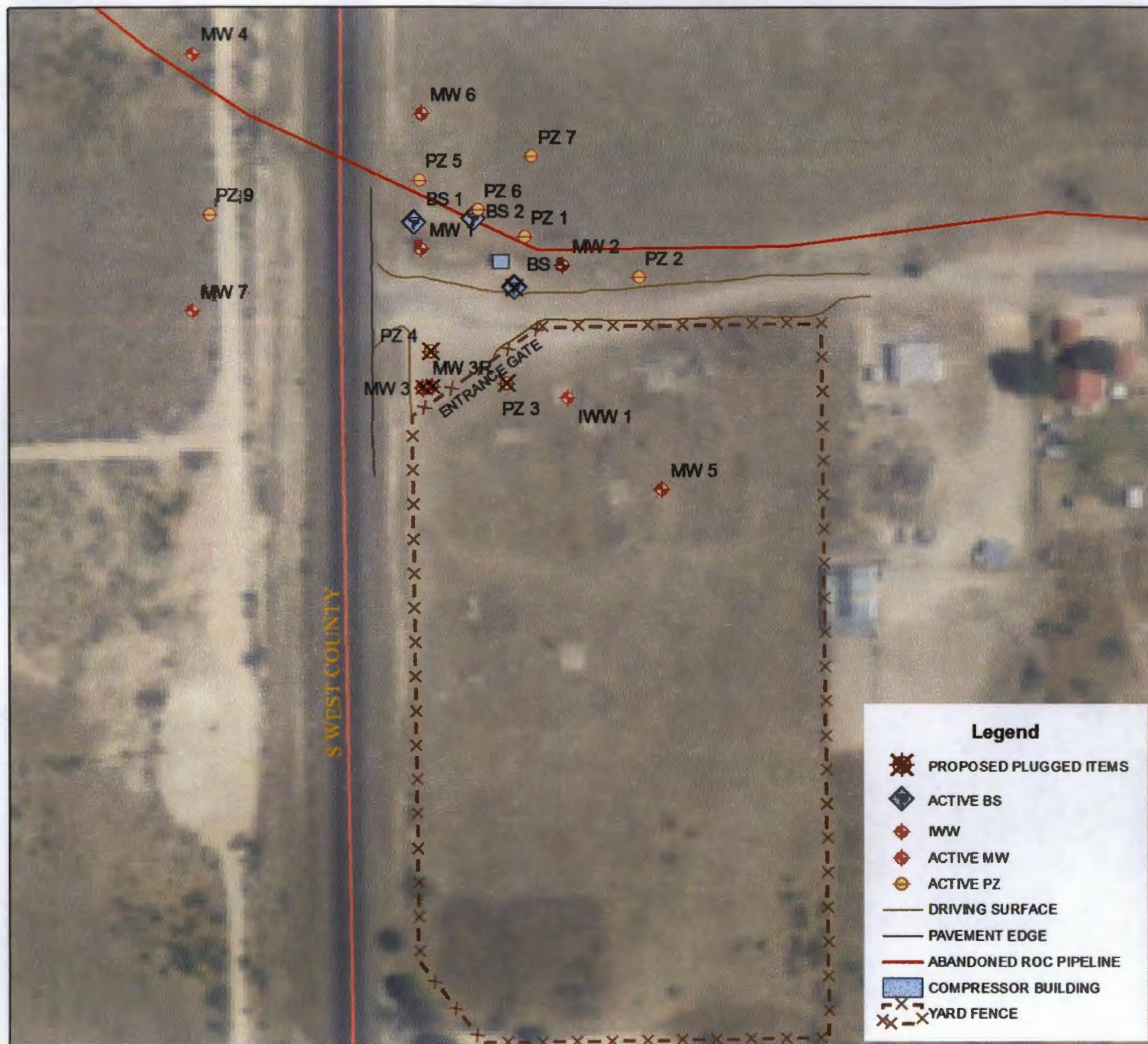
Katie Jones
Environmental Project Manager
RICE Operating Company













HOBBS N-6 LEAK

UL N SECTION 5&6
T-19-S R-38-E
LEA COUNTY, NM

1R-487



Legend

-  PROPOSED PLUGGED ITEMS
-  ACTIVE BS
-  MW
-  ACTIVE MW
-  ACTIVE PZ
-  DRIVING SURFACE
-  PAVEMENT EDGE
-  ABANDONED ROC PIPELINE
-  COMPRESSOR BUILDING
-  YARD FENCE

DGW = 43 FT

0 60 120
Feet

Drawing date: 11/6/12
Drafted by: TONY GRIECO



Hansen, Edward J., EMNRD

From: Katie Jones <kjones@riceswd.com>
Sent: Monday, December 03, 2012 1:43 PM
To: Hansen, Edward J., EMNRD
Cc: Hack Conder; Laura Pena; Hall, Sharon
Subject: ROC - Hobbs N-6 (1R-487) Plugging Request: Additional Information
Attachments: ROC - Hobbs N-6 (1R-487) MW Data.pdf

Mr. Hansen,

Attached is the 2012 quarterly sampling data for the IWW 1 and MW-5 located at Hobbs N-6 (1R-487), as requested. If you have any questions or require any additional information, please contact myself at (575)393-9174 or Hack Conder at (575)631-6432.

Thank you.

Katie Jones
Environmental Project Manager
RICE Operating Company

ROC Hobbs N-6 Leak (1R-487)

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments |
|----|----------------|-------------|-------------|---------------|-------------|----|-----|---------|---------|---------------|---------------|---------|---------------|
| 5 | 41.48 | 51.29 | 6.4 | 30 | 3/20/2012 | 36 | 490 | <0.001 | <0.001 | <0.001 | <0.003 | 91.1 | Clear No odor |
| 5 | 41.67 | 51.29 | 6.3 | 30 | 6/14/2012 | 36 | 487 | <0.001 | <0.001 | <0.001 | <0.003 | 90.6 | Clear No odor |
| 5 | 41.87 | 51.29 | 6.1 | 30 | 9/11/2012 | 36 | 485 | <0.001 | <0.001 | <0.001 | <0.003 | 89.8 | Clear No odor |

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments |
|-------|----------------|-------------|-------------|---------------|-------------|----|-----|---------|---------|---------------|---------------|---------|---------------|
| IWW 1 | 43.18 | 97.9 | 55.8 | 200 | 3/21/2012 | 88 | 567 | <0.001 | <0.001 | <0.001 | <0.003 | 84.5 | Clear No odor |
| IWW 1 | 43.46 | 97.9 | 55.5 | 200 | 6/15/2012 | 92 | 493 | <0.001 | <0.001 | <0.001 | <0.003 | 77 | Clear No odor |
| IWW 1 | 43.57 | 97.9 | 55.4 | 200 | 9/12/2012 | 72 | 573 | <0.001 | <0.001 | <0.001 | <0.003 | 97.4 | Clear No odor |

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Wednesday, April 11, 2012 4:23 PM
To: 'Katie Jones'
Cc: Leking, Geoffrey R, EMNRD; Hack Conder; Laura Pena; 'shall@arcadis-us.com'
Subject: Amended Corrective Action Plan (1R-487) Approval - ROC Hobbs N-6 Pipeline Leak Site

**RE: Amended Corrective Action Plan (CAP) for the Rice Operating Company's
Hobbs N-6 Pipeline Leak Site
Unit Letter N, Section 5 & 6, T19S, R38E, NMPM, Lea County, New Mexico
Amended Corrective Action Plan (1R-487) Approval**

Dear Ms. Jones:

The New Mexico Oil Conservation Division (OCD) has received the amended corrective action plan (dated April 2, 2012) and the addendum to the plan (dated April 11, 2012) for the above-referenced site. The Plan indicates that Rice Operating Company (ROC) has met the requirements of 19.15.29 NMAC (Rule 29; formerly, Rule 116) for a remediation plan. Therefore, the OCD hereby conditionally approves the Amended Corrective Action Plan as proposed for above-referenced site in accordance with 19.15.29 NMAC:

ROC must submit to the OCD an initial report of the corrective actions within 180 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

From: Hansen, Edward J., EMNRD
Sent: Monday, February 20, 2012 3:02 PM
To: Hack Conder
Cc: Leking, Geoffrey R, EMNRD; 'Katie Jones'; 'shall@arcadis-us.com'
Subject: Proposed Activities Approval (1R-487) - ROC Hobbs SWD N-6 Pipeline Leak Site

**RE: Annual Monitoring Report (2011) for the Rice Operating Company's
Hobbs SWD N-6 Pipeline Leak Site (1R-487)
Unit N, Section 5 & 6, T19S, R38E, NMPM, Lea County, New Mexico
Proposed Activities Approval**

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received ROC's report for the above-referenced site (dated January 23, 2012). The above-referenced report, submitted in partial fulfillment of 19.15.29 NMAC (Rule 29, formally, Rule 116), indicates that ROC has partially met the requirements of 19.15.29 NMAC for this site. Therefore, the OCD hereby conditionally approves the proposed activities for the Hobbs SWD N-6 Pipeline Leak Site:

ROC must submit to the OCD an amendment to the corrective action plan regarding additional efforts for NAPL removal from groundwater at the above-referenced site by **April 2, 2012**.

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.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau