

AP - 27

**STAGE 1 & 2
REPORTS**

DATE:

12-16-11

RICE *Operating Company*

122 West Taylor • Hobbs, New Mexico 88240

Phone: (575) 393-9174 • Fax: (575) 397-1471

CERTIFIED MAIL

RETURN RECEIPT NO. 7008 1140 0001 3070 6075

December 16th, 2011

Mr. Edward Hansen

New Mexico Energy, Minerals, & Natural Resources

Oil Conservation Division, Environmental Bureau

1220 S. St. Francis Drive

Santa Fe, New Mexico 87505

RE: Project Status Report

Rice Operating Company – BD SWD System

BD E-15 Release (AP-27): UL/D&E sec. 15 T22S R37E

RECEIVED OGD
2011 DEC 20 A 11:43

Mr. Hansen:

As part of the Project Status Report submitted to NMOCD on June 17th, 2011 and approved by NMOCD on August 22nd, 2011, RECS personnel were on site at the BD E-15 Release site on October 25th, 2011, to plug and abandon MW-2 and replace it with a 4 inch monitor well (MW-2R). The MW-2 was plugged using a 1 – 3% bentonite/concrete slurry and a 3 foot concrete cap. MW-2R was installed approximately 6 ft south of former MW-2 (Figure 1). Documentation for the plug and abandonment of MW-2 and the installation of MW-2R can be found in Appendix A. MW-2R will be sampled according to NMOCD standards starting in the 1st quarter of 2012.

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

ROC appreciates the opportunity to work with you on this project. Please call Hack Conder or myself at (575) 393-9174 if you have any questions or wish to discuss the site.

Sincerely,

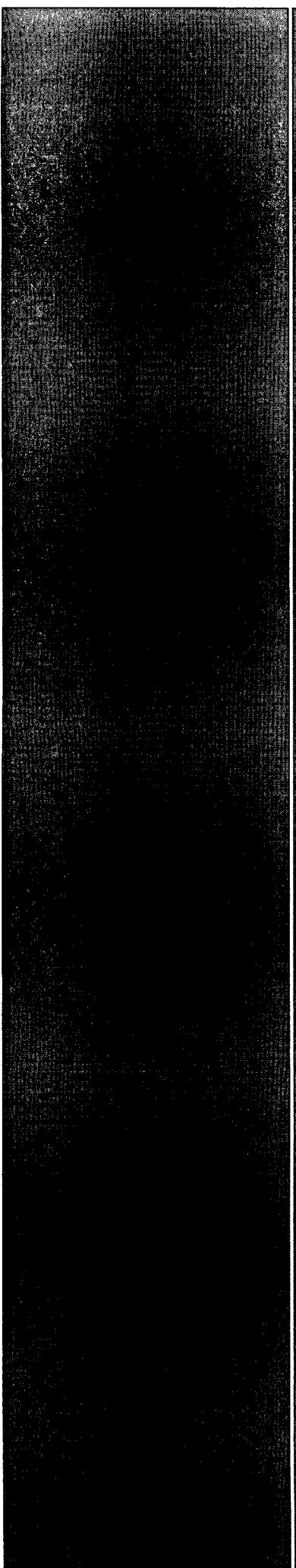
A handwritten signature in black ink, appearing to read "Katie Jones". The signature is fluid and cursive, with the first name "Katie" being more prominent than the last name "Jones".

Katie Jones
Environmental Project Manager
Rice Operating Company

Attachments:

Figure 1 – MW-2R installation map

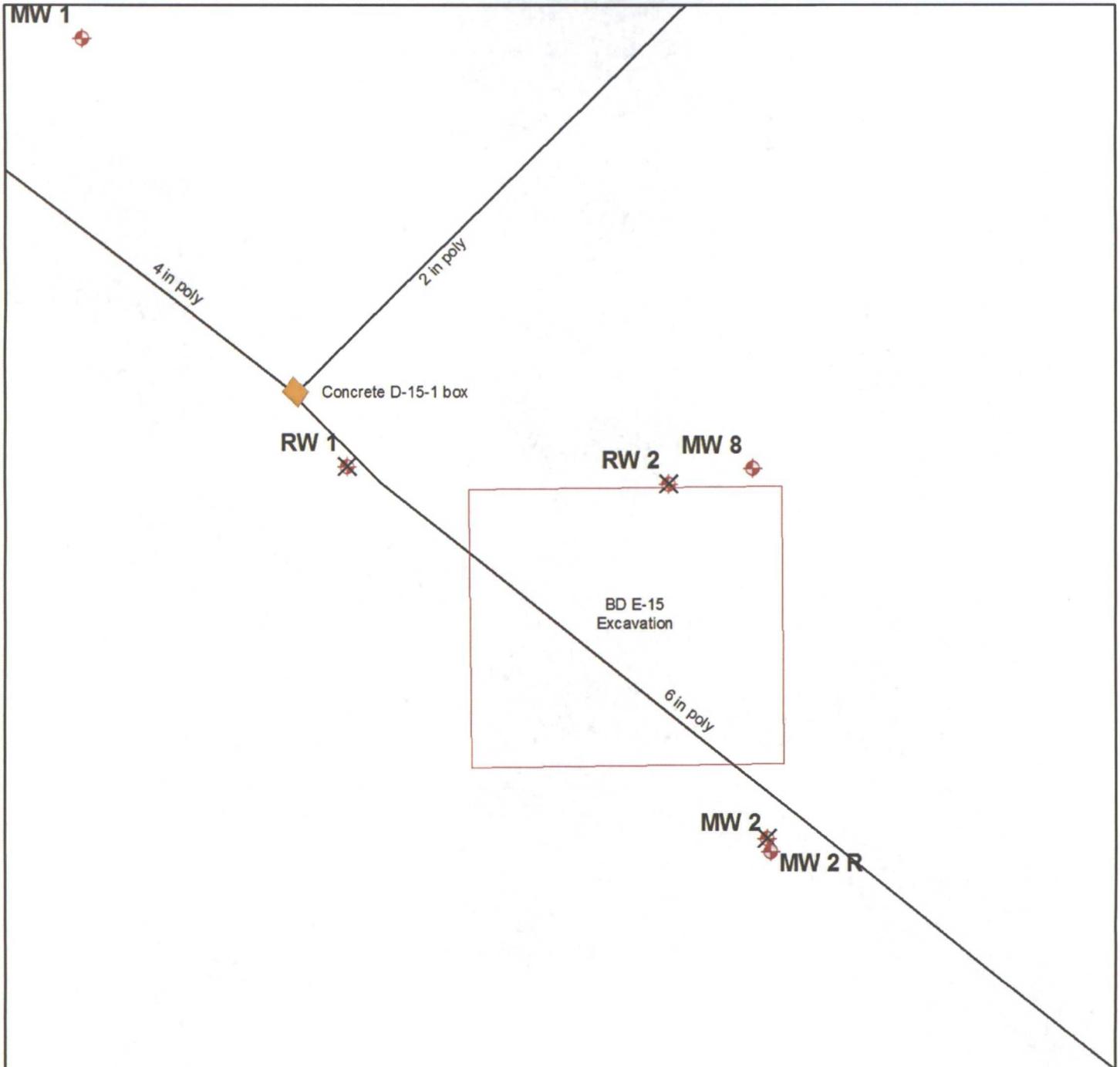
Appendix A – P&A MW-2 and installation of MW-2R



Figures

RICE Environmental Consulting and Safety (RECS)
P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

MW-2R installation



DGW = 76 ft

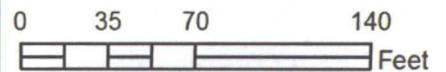


BD E-15 Release

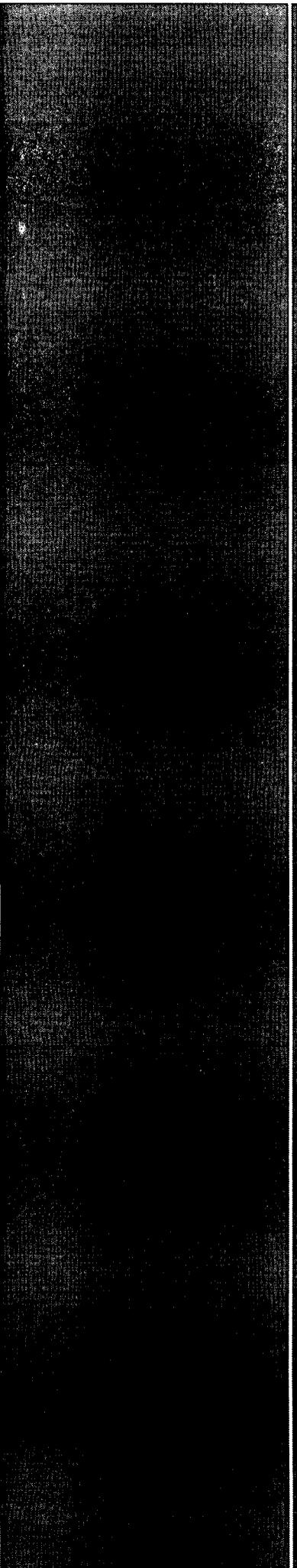
Legals: UL/E sec. 15
T22S R37E

Case #: AP-027

Figure 1



Drawing date: 11-3-11
Drafted by: L. Weinheimer



Appendix A

P&A MW-2 and installation of MW-2R

RICE Environmental Consulting and Safety (RECS)

P.O. Box 5630 Hobbs, NM 88241
Phone 575.393.4411 Fax 575.393.0293

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

hcidrill.com

Plugging Report

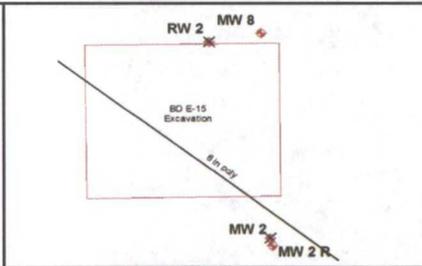
Client	Rice Operating
Contractor	Harrison & Cooper
Date Completed	10/25/2011
Site	BD E-15 Release
Well ID	MW-2
Casing Diameter	2"
Well Depth	87'
Casing Material	PVC
Plugging Material	Portland/Bentonite Slurry
Slurry Interval	3'-87'
Cement Interval	0'-3'

Copies: File

Email (Lara Weinheimer; Katie Jones)

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

Logger: Kyle Norman
Driller: Harrison & Cooper, Inc.
Drilling Method: Mud rotary
Start Date: 10/25/2011
End Date: 10/25/2011



Project Name: BD E-15 Release
Well ID: MW-2R
Project Consultant: Tetra Tech

Comments: MW-2R is located 6 ft south of the former MW-2. No samples were taken during installation.
DRAFTED BY: L. Weinheimer
 TD = 120 ft GW = 76 ft

Location: UL/E sec. 15 T22S R37E
Lat: 32°23'41.944"N **County:** Lea
Long: 103°9'21.185"W **State:** NM

Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
SS						
5 ft						
10 ft						
15 ft						
20 ft						4 in PVC
25 ft						
30 ft						bentonite seal
35 ft						
40 ft						
45 ft						
50 ft						
55 ft						

Depth (feet)	Chloride field tests	LAB	PID	Description	Lithology	Well Construction
60 ft						<p>The diagram illustrates the well construction from 60 feet to 120 feet depth. It shows an outer casing (light blue) and an inner casing (darker blue). A screen is located between 65 ft and 110 ft. A sand pack is indicated between 65 ft and 110 ft. The bottom of the well is filled with a blue material, likely cement or grout, extending to 120 ft.</p>
65 ft						
70 ft						
75 ft						
80 ft						
85 ft						
90 ft						
95 ft						
100 ft						
105 ft						
110 ft						
115 ft						
120 ft						

BD E-15 Release
Unit E, Section 15, T-22-S, R-37-E



Pulling MW-2, facing south 10/25/11



Plugging MW-2 with a 1 – 3% bentonite/concrete slurry 10/25/11



Completed MW-2 P & A, facing south 10/25/11



Drilling MW-2R, facing west 10/25/11



Mudding in MW-2R, facing west 10/25/11



Installing the casing, facing west 10/25/11



Inserting the sand pack 10/25/11



Inserting the bentonite seal 10/25/11



Concreting in MW-2R, facing west 10/25/11



Completed MW-2R, facing west 10/25/11