

**RICE** *Operating Company*

112 West Taylor • Hobbs, New Mexico 88240

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

April 1, 2025

**Michael Buchanan**

New Mexico Oil Conservation Division

1220 So. St. Francis Drive

Santa Fe, New Mexico 87505

**RE: 2024 Annual Groundwater Report and Path Forward****Rice Operating Company – Hobbs SWD System****Hobbs N-6, West County Road Site (1R-487): UL/N, Sec. 5&6, T19S, R38E****NMOCD Incident ID: nAPP2110254010**

Mr. Buchanan:

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.

**Groundwater Sampling**

All wells were sampled regularly in accordance with NMOCD guidelines. The attached tables summarize the analytical results from groundwater samples collected from the monitor wells in 2024 and depth to water, total depth of the well, volume of water in the wellbore and volume of water purged from the well.

**Free Product Removal**

In 1994, a leak was discovered in a buried SWD pipeline. An assessment program was completed, and a free product recovery program initiated. The free product has historically been collected from Monitor Well 1 (MW-1), initially in 1996 in conjunction with groundwater recovery, and then beginning in 2000 with product recovery only.

A biosparge well designed to maximize in-situ biodegradation and minimize volatilization of hydrocarbons was installed at the site and became operational in August 2005. Four borings were drilled on November 8<sup>th</sup> and 9<sup>th</sup>, 2006 in order to evaluate hydrocarbon occurrence in the vadose zone. Based on drilling observations, a second biosparge well was installed approximately 30 feet east of the original biosparge well. The second biosparge well became operational in March 2007. In November of 2007, an additional eight soil borings (piezometers) were drilled and a third biosparge well was installed southeast of the pump house. These soil borings were located in areas between previous sampling points, outside of the previously identified core source area, and as

close as possible to previous (2006) soil borings from which samples had been collected and tested for total petroleum hydrocarbons (TPH) and total organic compounds (TOC).

In November of 2010, the air sparge system at the site was tested by collection of soil gas samples during a cycled shut down. A similar test protocol was previously performed in May/June and September/October 2007, August/September 2008 and November 2009. The soil gas samples from these testing events were analyzed for methane, carbon dioxide, oxygen and benzene, toluene, ethylbenzene and xylenes (BTEX).

A Corrective Action Plan (CAP) was submitted to the NMOCD on April 2<sup>nd</sup>, 2012 and an Addendum was submitted April 11<sup>th</sup>, 2012. In accordance with the NMOCD approval of the CAP and subsequent Addendum, pumping of free product from Biosparge Well #1 (BS1) began on April 7<sup>th</sup>, 2012. Free product was pumped from this well on weekly basis from April 7<sup>th</sup>, 2012 through September 19<sup>th</sup>, 2012. Based on reduced product thickness and recovery volumes, the pump was removed from the well and a product recovery absorbent sock was placed in the well. The well is bailed, and sock is changed weekly. A total of 2,037.3 gallons of free product has been removed from the well since April 7<sup>th</sup>, 2012. Monitor Well #1 (MW-1) also has had a product recovery absorbent sock in the well to continually remove free product. The sock is changed weekly. A total of 245.3 gallons of product have been removed from this well since April 7<sup>th</sup>, 2012. Removed fluids were properly disposed of at a permitted SWD well.

### **Monitor Well Plugging**

A Monitoring Well Plugging Request was submitted to the NMOCD on November 30<sup>th</sup>, 2012, and Additional Information was submitted December 3<sup>rd</sup>, 2012, which was approved by the NMOCD. According to NMOCD's approval, five monitoring wells (MW-3, MW-3R, PZ-3, PZ-4 and BS-3) were plugged using a cement grout containing 1% - 3% bentonite and a 3-foot cap of cement at the surface. A monitor well plugging report detailing the plugging activities was submitted to the NMOCD on February 22<sup>nd</sup>, 2013.

### **Biosparge Well Operation and Evaluation**

Evaluation of the 2007 through 2010 soil gas samples and the quarterly monitoring well data indicates that the biosparge wells are effective in the remediation of free-phase hydrocarbons at the site. Biochemical results also suggest groundwater chemistry indicative of bioremediation. Pumping the free product from BS1 in 2012 and the product recovery absorbent socks in BS1 and MW-1 and bailing of BS1 has reduced the amount of free product remaining on these wells. Chloride, TDS, BTEX, and sulfate concentrations have remained at or below WQCC standards for the last eight quarters.

On October 6<sup>th</sup>, 2022, NMOCD responded to the 2021 Annual Report granting approval to stop sampling and gauge only MW-2, MW-4, MW-5, MW-6, MW-7, BS2, and IWW. NMOCD also requested historic and present free phase product thickness data, along with a path forward to initiate more aggressive removal of free phase product from BS1 and MW-1.

In 2024, BS1 and MW-1 were monitored bi-weekly using a PSH recovery sock to continue to capture the non-aqueous liquid that enters the well bore and floats on the water table. The well bore is gauged and checked for non-aqueous liquid after bailing with a product only bailer, and there was no measurable accumulation. Based on the decreased amount of free product observed in BS1 and MW-1 pumping is not feasible at this time. ROC proposes to continue recovery utilizing the bi-weekly changing of a PSH recovery sock. If product thickness increases enough to warrant pumping, a continuous skimmer pump will be placed in BS1.

The wells will be sampled quarterly in 2025.

Thank you for your consideration concerning this summary of groundwater monitoring information. If you have any questions, please do not hesitate to contact me at (575) 393-9174.

Sincerely,

A handwritten signature in black ink that reads "Katie Davis". The signature is written in a cursive, flowing style.

Katie Davis  
Environmental Manager  
RICE Operating Company (ROC)

Attachments:  
NMOCD response to the 2023 Annual Report  
Geographic Location Map  
Site Map  
Groundwater Flow Direction  
Data Summary Table and Graph  
2024 Laboratory Results

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)  
**To:** [Katie Jones](#)  
**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 327850  
**Date:** Monday, September 9, 2024 9:55:48 AM

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To whom it may concern (c/o Katie Davis for RICE OPERATING COMPANY),

The OCD has approved the submitted *Ground Water Abatement* (GROUND WATER ABATEMENT), for incident ID (n#) nAPP2110254010, with the following conditions:

- **Review of the 2023 Annual Groundwater Report and Path Forward for Hobbs SWD System: content satisfactory 1. Continue to sample groundwater wells on a quarterly basis through 2024 calendar year. 2. Remove LNAPL as available bailing or install pump skimmer in BS1 and MW-1 if necessary. Utilize PSH absorbent sock if it continues to be effective. 3. Submit the 2024 Annual groundwater monitoring report by April 1, 2025.**

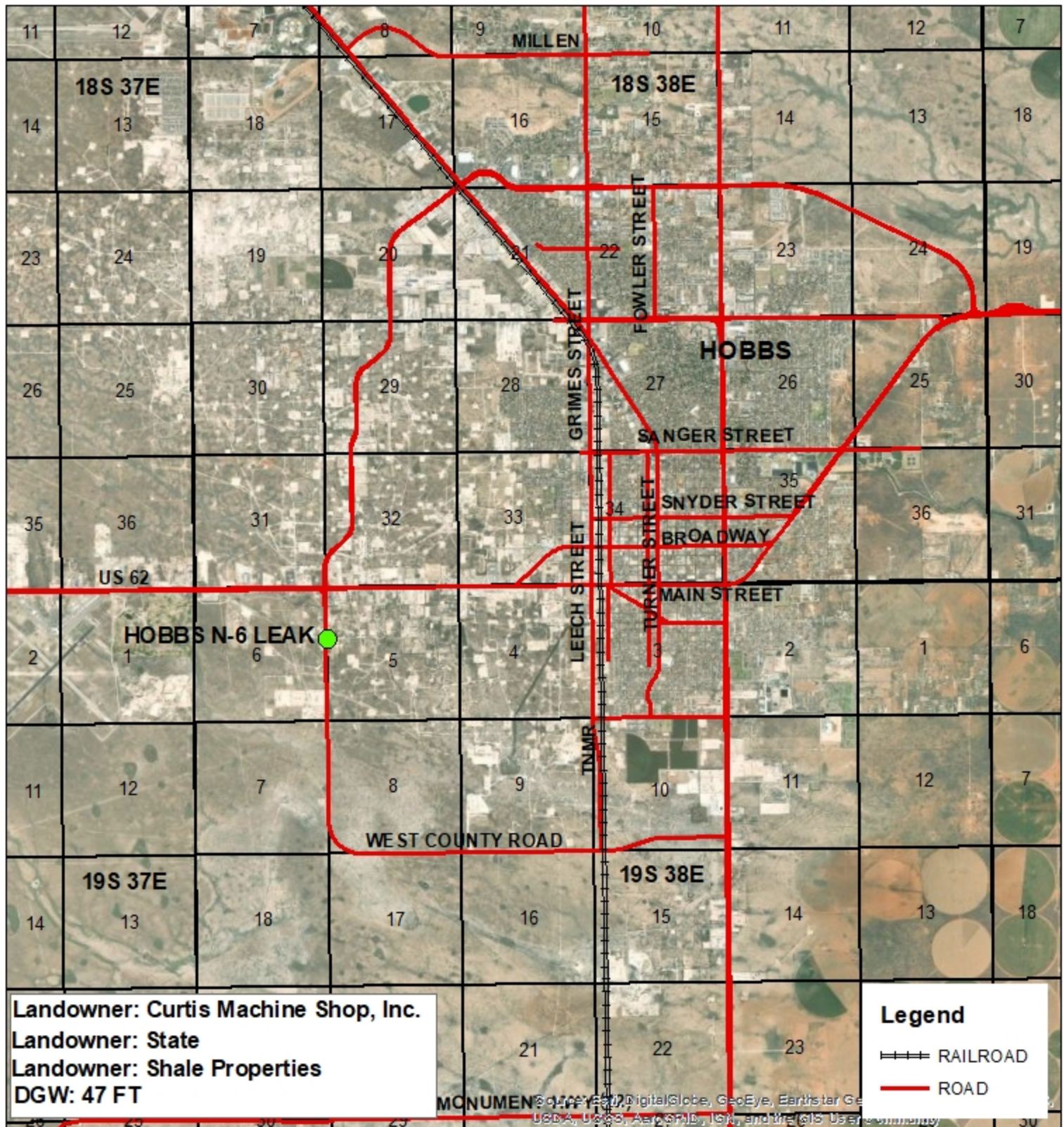
The signed GROUND WATER ABATEMENT can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,  
Michael Buchanan  
Environmental Specialist  
505-490-0798  
[Michael.Buchanan@emnrd.nm.gov](mailto:Michael.Buchanan@emnrd.nm.gov)

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

## Geographic Location

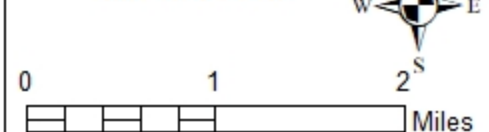


# HOBBS N-6 LEAK

1R-487

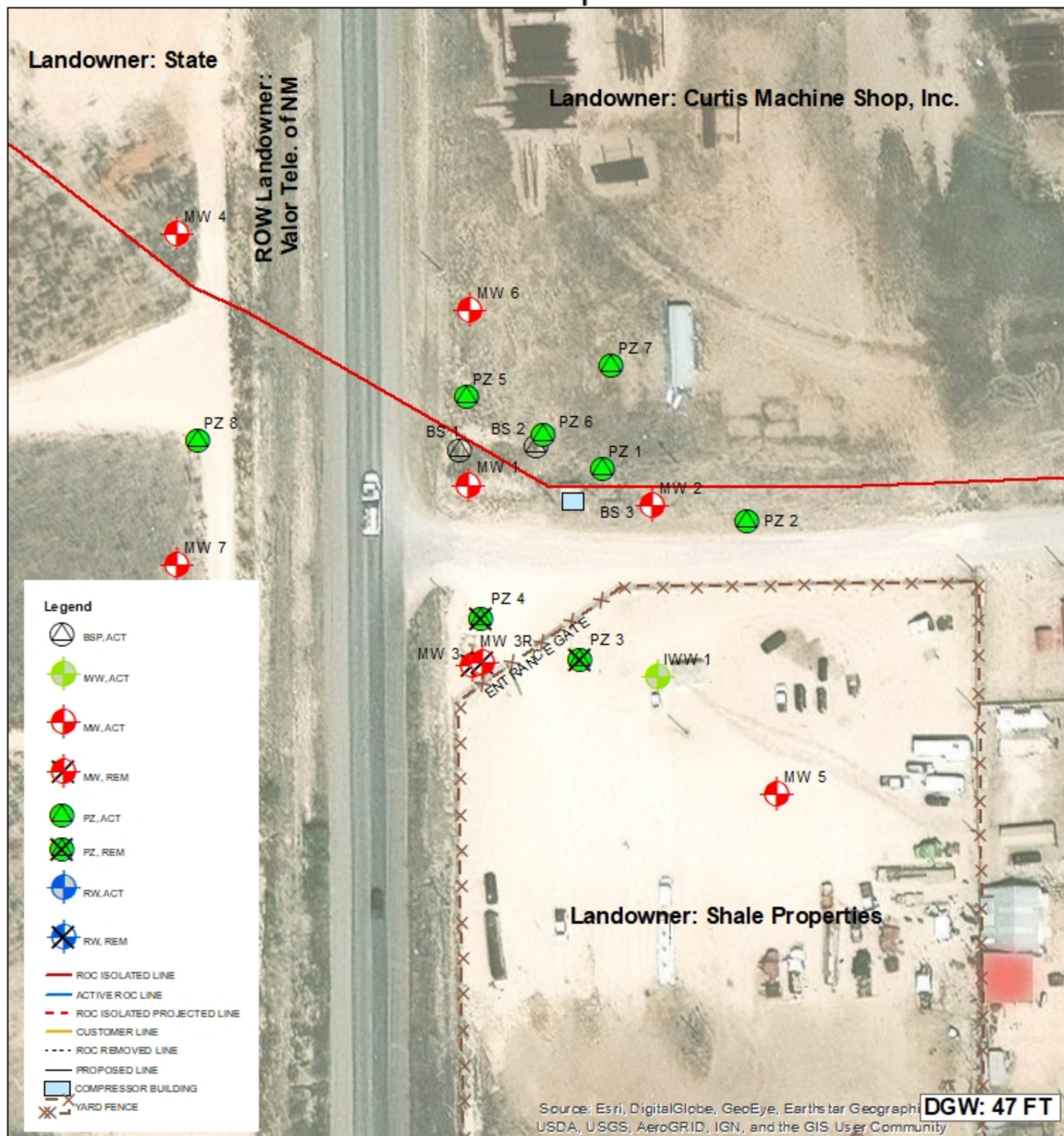
UL N SECTION 5&6  
 T-19-S R-38-E  
 LEA COUNTY, NM

GPS: 32.691062 -103.178954  
 NAD83 STATE PLANE PROJ  
 NM EAST ZONE



Drawing date: 2/17/25  
 Drafted by: T. Grieco

# Site Map



## HOBBS N-6 LEAK

NMOCD Case #: 1R-487

Legals: UL/N sec. 5&6

T-19-S R-38-E

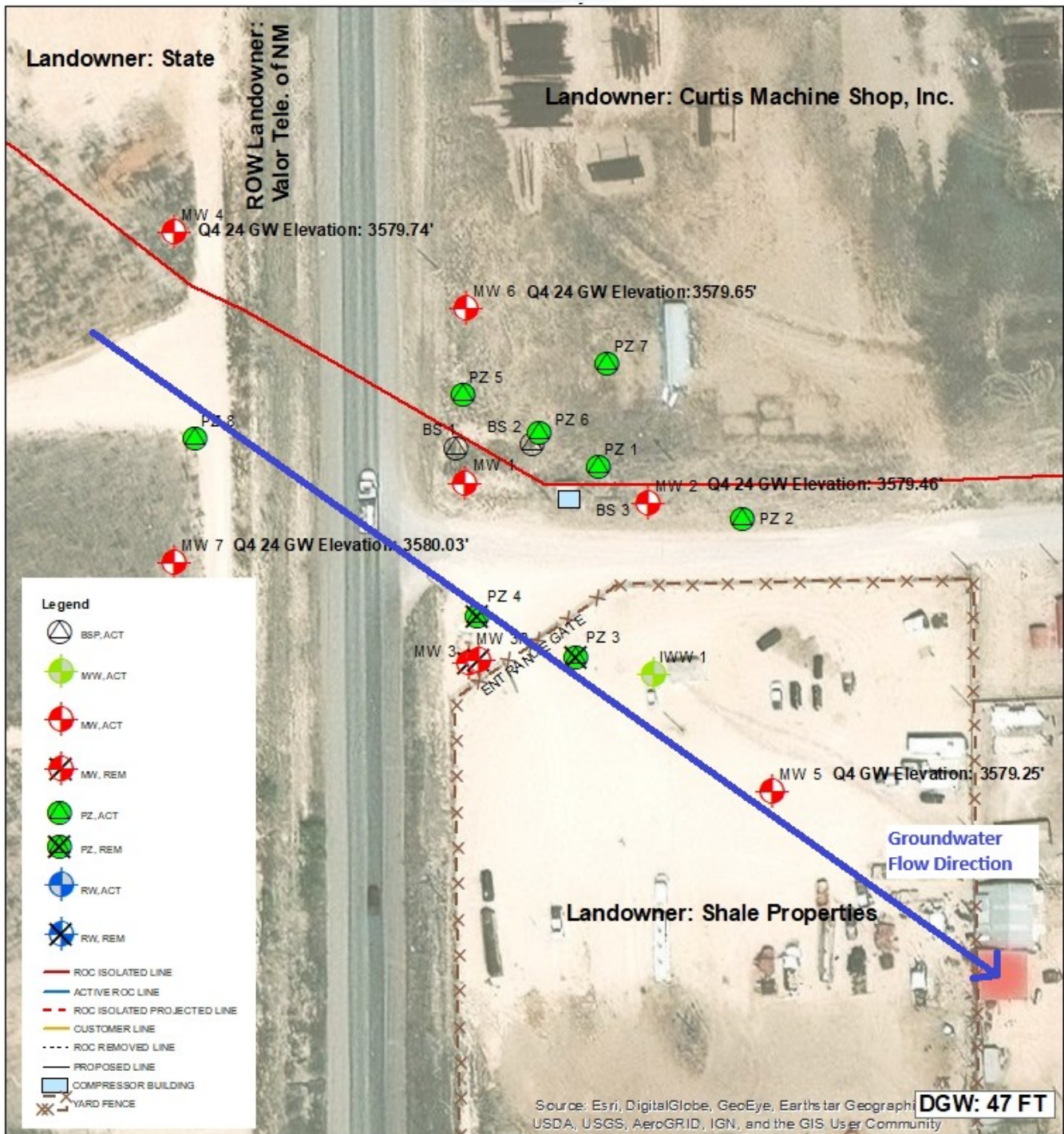
LEA COUNTY, NM



0 50 100  
Feet

Drawing date: 2/17/25  
Drafted by: L. Weinheimer, T. Grieco

## Groundwater Flow Direction

**HOBBS N-6 LEAK**

NMOCD Case #: 1R-487

Legals: UL/N sec. 5&amp;6

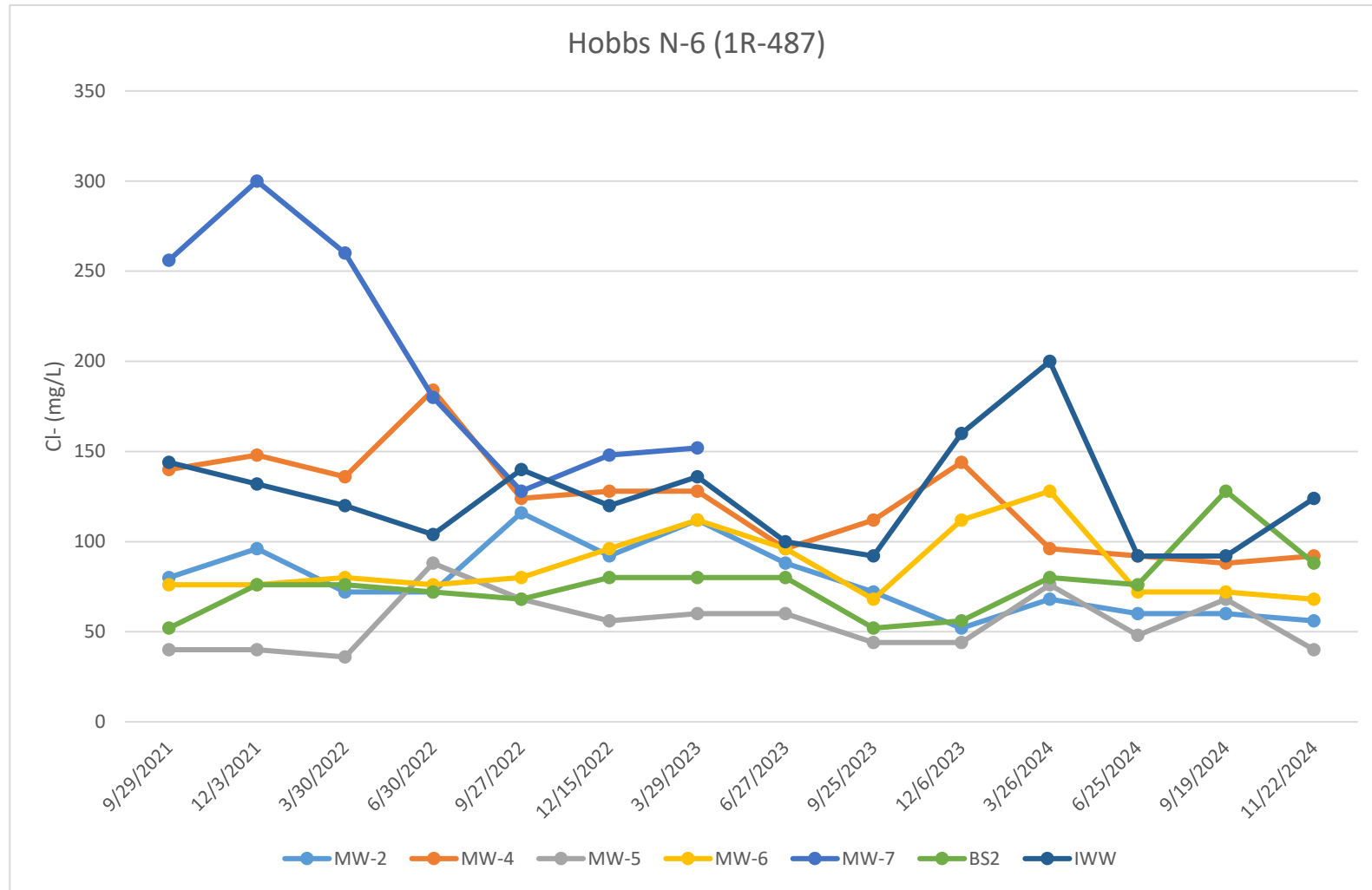
T-19-S R-38-E

LEA COUNTY, NM



0 50 100  
 Feet

Drawing date: 2/18/25  
 Drafted by: L. Weinheimer, T. Grieco



**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                                               |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|--------------------------------------------------------|
| 1  | 43.99          | 55.21       | 7.3         | 25            | 9/15/2009   | 232 | 840 | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 44.07          | 55.21       | 7.2         | 25            | 11/20/2009  | 200 | 770 | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 44.85          | 55.21       | 6.7         | XXX           | 3/17/2010   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product Present                            |
| 1  | 45.05          | 55.21       | 6.6         | XXX           | 6/7/2010    | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 44.19          | 55.21       | 7.2         | XXX           | 9/7/2010    | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 44.74          | 55.21       | 6.8         | XXX           | 12/8/2010   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 45.39          | 55.21       | 6.4         | XXX           | 3/15/2011   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 45.73          | 55.21       | 6.2         | XXX           | 6/23/2011   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 45.94          | 55.21       | 6           | XXX           | 9/22/2011   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 46.08          | 55.21       | 5.9         | XXX           | 12/12/2011  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 46.25          | 55.21       | XXX         | XXX           | 3/21/2012   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 46.52          | 55.21       | XXX         | XXX           | 6/14/2012   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 46.12          | 55.21       | XXX         | XXX           | 9/11/2012   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 46.25          | 55.21       | XXX         | XXX           | 12/13/2012  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present                            |
| 1  | 46.11          | 55.21       | XXX         | XXX           | 3/6/2013    | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Product present/PSH Recovery Sock Replaced |
| 1  | 46.05          | 55.21       | XXX         | XXX           | 6/20/2013   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                       |
| 1  | 46.24          | 55.21       | XXX         | XXX           | 9/19/2013   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                       |

**ROC - Hobbs N-6 (1R-487)**  
**SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                                                    |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-------------------------------------------------------------|
| 1  | 46.45          | 55.21       | XXX         | XXX           | 12/17/2013  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 46.57          | 55.21       | XXX         | XXX           | 3/25/2014   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 46.67          | 55.21       | XXX         | XXX           | 6/19/2014   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 46.93          | 55.21       | XXX         | XXX           | 9/12/2014   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 47.02          | 55.21       | XXX         | XXX           | 12/22/2014  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 46.64          | 55.21       | XXX         | XXX           | 3/20/2015   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present/PSH recovery sock replaced |
| 1  | 46.73          | 55.21       | XXX         | XXX           | 6/18/2015   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 46.79          | 55.21       | XXX         | XXX           | 9/22/2015   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 46.51          | 55.21       | XXX         | XXX           | 12/3/2015   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 46.28          | 55.21       | XXX         | XXX           | 3/30/2016   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 47.00          | 55.21       | XXX         | XXX           | 6/28/2016   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 46.31          | 55.21       | XXX         | XXX           | 9/28/2016   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 45.72          | 55.21       | XXX         | XXX           | 12/6/2016   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor/Free product present                            |
| 1  | 45.88          | 55.21       | XXX         | XXX           | 3/21/2017   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present                            |
| 1  | 46.39          | 55.21       | XXX         | XXX           | 6/29/2017   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present                            |
| 1  | 46.28          | 55.21       | XXX         | XXX           | 9/26/2017   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present                            |

**ROC - Hobbs N-6 (1R-487)**  
**SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                         |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|----------------------------------|
| 1  | 43.1           | 55.21       | XXX         | XXX           | 3/22/2018   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present |
| 1  | 46.4           | 55.21       | XXX         | XXX           | 6/29/2018   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present |
| 1  | 46.93          | 55.21       | XXX         | XXX           | 9/19/2018   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present |
| 1  | 46.87          | 55.21       | XXX         | XXX           | 12/22/2018  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present |
| 1  | 46.96          | 55.21       | XXX         | XXX           | 3/28/2019   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present |
| 1  | 46.49          | 55.21       | XXX         | XXX           | 6/27/2019   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present |
| 1  | 46.52          | 55.21       | XXX         | XXX           | 9/26/2019   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present |
| 1  | 46.58          | 55.21       | XXX         | XXX           | 12/12/2019  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Strong odor Free product present |
| 1  | XXX            | XXX         | XXX         | XXX           | 3/26/2020   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 9/30/2020   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 3/29/2021   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 6/29/2021   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 9/28/2021   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 12/2/2021   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 3/30/2022   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 6/30/2022   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 9/27/2022   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 12/15/2022  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 3/29/2023   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 6/27/2023   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 9/25/2023   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 12/6/2023   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |
| 1  | XXX            | XXX         | XXX         | XXX           | 3/26/2024   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                              |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|----------|
| 1  | XXX            | XXX         | XXX         | XXX           | 6/25/2024   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| 1  | XXX            | XXX         | XXX         | XXX           | 9/19/2024   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| 1  | XXX            | XXX         | XXX         | XXX           | 11/22/2024  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl   | TDS | Benzene     | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments          |
|----|----------------|-------------|-------------|---------------|-------------|------|-----|-------------|---------|---------------|---------------|---------|-------------------|
| 2  | 40.2           | 52.18       | 7.78        | 23.36         | 8/14/2002   | XXX  | XXX | XXX         | XXX     | XXX           | XXX           | XXX     |                   |
| 2  | 40.34          | 52.11       | 7.65        | 22.75         | 12/6/2002   | XXX  | XXX | XXX         | XXX     | XXX           | XXX           | XXX     |                   |
| 2  | 40.61          | 52.2        | 7.53        | 22.6          | 3/14/2003   | 53.2 | XXX | 0.003       | 0.001   | 0.006         | 0.004         | 109     |                   |
| 2  | 40.29          | 52.13       | 7.69        | 23.08         | 6/27/2003   | 40.8 | 499 | <0.001      | <0.001  | <0.001        | <0.001        | 112     |                   |
| 2  | 40.26          | 52.14       | 7.75        | 23.27         | 9/22/2003   | 31.9 | 504 | <0.001      | <0.001  | <0.001        | <0.001        | 88.8    |                   |
| 2  | 40.39          | 52.13       | 7.66        | 22.99         | 12/18/2003  | 44   | 458 | <0.002      | <0.002  | <0.002        | <0.006        | 37.7    |                   |
| 2  | 41.53          | 52.13       | 6.92        | 20.76         | 3/15/2004   | 39   | 484 | 0.00458     | <0.001  | 0.00236       | 0.00193       | 108     |                   |
| 2  | 40.3           | 52.12       | 7.71        | 23.15         | 5/27/2004   | 31.9 | 481 | 0.000448    | <0.001  | 0.000482      | <0.001        | 89.4    |                   |
| 2  | 41.69          | 52.24       | 6.86        | 20.57         | 9/8/2004    | 70.9 | 577 | 0.0289      | 0.00219 | 0.0126        | 0.00837       | 91.4    |                   |
| 2  | 39.4           | 52.24       | 8.35        | 25.04         | 11/22/2004  | 58.1 | XXX | 0.0238      | 0.00269 | 0.0239        | 0.01051       | 90.2    |                   |
| 2  | 38.73          | 52.24       | XXX         | 32            | 3/29/2005   | 39.1 | 444 | 0.00169     | <0.001  | 0.00151       | 0.00101       | 93.6    |                   |
| 2  | 39.12          | 55          | XXX         | 31.4          | 6/28/2005   | 42.4 | 515 | <0.001      | <0.001  | <0.001        | <0.001        | 100     |                   |
| 2  | 39.21          | 55          | XXX         | 31            | 9/6/2005    | 49.5 | 517 | <0.001      | <0.001  | <0.001        | <0.001        | 69.5    |                   |
| 2  | 39.3           | 52.24       | 8.4         | 30            | 12/6/2005   | 58   | 380 | 0.00325     | <0.001  | <0.001        | <0.001        | 107     |                   |
| 2  | 39.56          | 52.24       | 8.2         | 25            | 2/28/2006   | 29.5 | 538 | <0.001      | <0.001  | <0.001        | <0.001        | 56.3    |                   |
| 2  | 39.97          | 52.24       | 8           | 25            | 6/5/2006    | 38.5 | 552 | <0.001      | <0.001  | <0.001        | <0.001        | 76.6    |                   |
| 2  | 39.44          | 52.24       | 8.3         | 25            | 9/11/2006   | 31.1 | 428 | <0.001      | <0.001  | <0.001        | <0.001        | 92      |                   |
| 2  | 39.47          | 52.24       | 8.3         | 30            | 11/14/2006  | 33.6 | 442 | j[0.000709] | <0.001  | j[0.00609]    | <0.001        | 91.7    | test              |
| 2  | 39.89          | 52.24       | 8           | 30            | 3/13/2007   | 34.5 | 422 | 0.00134     | <0.001  | <0.001        | <0.001        | 81.5    | Clear No odor     |
| 2  | 40.26          | 52.24       | 7.8         | 30            | 6/12/2007   | 33.3 | 444 | j(0.000649) | 0.0016  | j(0.000792)   | ND            | 77.6    | Clear             |
| 2  | 40.22          | 52.24       | 7.8         | 25            | 9/18/2007   | 36   | 512 | 0.056       | 0.012   | 0.054         | 0.037         | 100     | Clear Slight odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments          |
|----|----------------|-------------|-------------|---------------|-------------|----|-----|---------|---------|---------------|---------------|---------|-------------------|
| 2  | 40.35          | 52.24       | 7.7         | 25            | 12/6/2007   | 40 | 454 | <0.001  | <0.001  | <0.001        | <0.003        | 92.7    | Clear Slight odor |
| 2  | 40.71          | 52.24       | 7.5         | 25            | 3/3/2008    | 36 | 442 | <0.001  | <0.001  | <0.001        | <0.003        | 98.4    | Clear Slight odor |
| 2  | 40.29          | 52.24       | 7.8         | 25            | 5/28/2008   | 32 | 523 | <0.001  | <0.001  | <0.001        | <0.003        | 83.2    | Clear Slight odor |
| 2  | 40.56          | 52.24       | 7.6         | 25            | 9/8/2008    | 52 | 455 | <0.001  | <0.001  | <0.001        | <0.003        | 131     | Clear Slight odor |
| 2  | 41.43          | 52.24       | 7           | 25            | 12/15/2008  | 40 | 493 | 0.001   | <0.001  | 0.002         | <0.003        | 98      | Clear Slight odor |
| 2  | 41.61          | 52.55       | 7.1         | 25            | 3/16/2009   | 40 | 492 | 0.005   | <0.001  | 0.004         | <0.003        | 91.9    | Clear Slight odor |
| 2  | 41.78          | 52.55       | 7           | 25            | 6/9/2009    | 36 | 516 | 0.003   | 0.001   | <0.001        | <0.003        | 81.5    | Clear Slight odor |
| 2  | 41.87          | 52.55       | 6.9         | 25            | 9/14/2009   | 40 | 500 | 0.001   | 0.004   | 0.007         | 0.023         | 85      | Clear Slight odor |
| 2  | 41.96          | 52.55       | 6.9         | 25            | 11/19/2009  | 40 | 425 | <0.001  | <0.001  | <0.001        | <0.003        | 75.8    | Clear Slight odor |
| 2  | 42.08          | 52.55       | 6.8         | 25            | 3/17/2010   | 48 | 669 | <0.001  | <0.001  | <0.001        | <0.003        | 157     | Clear Slight odor |
| 2  | 42.32          | 52.55       | 6.6         | 25            | 6/7/2010    | 40 | 494 | <0.001  | <0.001  | <0.001        | <0.003        | 80.7    | Clear Slight odor |
| 2  | 41.15          | 52.55       | 7.4         | 25            | 9/1/2010    | 40 | 479 | <0.001  | <0.001  | <0.001        | <0.003        | 86      | Clear Slight odor |
| 2  | 41.36          | 52.55       | 7.3         | 25            | 12/9/2010   | 56 | 482 | <0.001  | <0.001  | <0.001        | <0.003        | 87.5    | Clear Slight odor |
| 2  | 42.01          | 52.55       | 6.9         | 25            | 3/16/2011   | 56 | 488 | <0.001  | <0.001  | <0.001        | <0.003        | 92      | Clear Slight odor |
| 2  | 42.4           | 52.55       | 6.6         | 25            | 6/22/2011   | 44 | 461 | <0.001  | <0.001  | <0.001        | <0.003        | 95.6    | Clear Slight odor |
| 2  | 42.68          | 52.55       | 6.4         | 25            | 9/21/2011   | 48 | 464 | <0.001  | <0.001  | <0.001        | <0.003        | 99.3    | Clear Slight odor |
| 2  | 42.84          | 52.55       | 6.3         | 25            | 12/13/2011  | 52 | 493 | <0.001  | <0.001  | <0.001        | <0.003        | 97.1    | Clear Slight odor |
| 2  | 43.03          | 52.55       | 6.2         | 25            | 3/20/2012   | 52 | 505 | <0.001  | <0.001  | <0.001        | <0.003        | 99.3    | Clear Slight odor |
| 2  | 43.26          | 52.55       | 6           | 25            | 6/15/2012   | 68 | 526 | <0.001  | <0.001  | <0.001        | <0.003        | 95.5    | Clear Slight odor |
| 2  | 43.37          | 52.55       | 6           | 25            | 9/11/2012   | 60 | 512 | <0.001  | <0.001  | <0.001        | <0.003        | 95.7    | Clear Slight odor |
| 2  | 43.57          | 52.55       | 5.8         | 25            | 12/12/2012  | 48 | 473 | <0.001  | <0.001  | <0.001        | <0.003        | 96.4    | Clear Slight odor |
| 2  | 43.67          | 52.55       | 5.8         | 25            | 3/6/2013    | 64 | 454 | <0.001  | <0.001  | <0.001        | <0.003        | 103     | Clear Slight odor |
| 2  | 43.96          | 52.55       | 5.6         | 25            | 6/20/2013   | 60 | 512 | <0.001  | <0.001  | <0.001        | <0.003        | 87      | Clear Slight odor |
| 2  | 44.08          | 52.55       | 5.5         | 25            | 9/19/2013   | 44 | 477 | <0.001  | <0.001  | <0.001        | <0.003        | 76.1    | Clear Slight odor |
| 2  | 44.28          | 52.55       | 5.4         | 25            | 12/16/2013  | 48 | 458 | <0.001  | <0.001  | <0.001        | <0.003        | 95.4    | Clear Slight odor |
| 2  | 44.4           | 52.55       | 5.3         | 25            | 3/24/2014   | 68 | 532 | <0.001  | <0.001  | <0.001        | <0.003        | 81.4    | Clear Slight odor |
| 2  | 44.61          | 52.55       | 5.2         | 25            | 6/18/2014   | 64 | 512 | 0.001   | <0.001  | <0.001        | <0.003        | 80      | Clear Slight odor |
| 2  | 44.85          | 52.55       | 5           | 25            | 9/11/2014   | 60 | 526 | <0.001  | <0.001  | <0.001        | <0.003        | 91.3    | Clear Slight odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments          |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-------------------|
| 2  | 44.93          | 52.55       | 5           | 25            | 12/22/2014  | 64  | 432 | <0.001  | <0.001  | <0.001        | <0.003        | 86      | Clear Slight odor |
| 2  | 44.58          | 52.55       | 5.2         | 25            | 3/19/2015   | 52  | 478 | <0.001  | <0.001  | <0.001        | <0.003        | 83.6    | Clear Slight odor |
| 2  | 44.68          | 52.55       | 5.1         | 25            | 6/17/2015   | 100 | 558 | <0.001  | <0.001  | <0.001        | <0.003        | 75      | Clear Slight odor |
| 2  | 44.75          | 52.55       | 5.1         | 25            | 9/22/2015   | 72  | 550 | <0.001  | <0.001  | <0.001        | <0.003        | 79.6    | Clear Slight odor |
| 2  | 44.48          | 52.55       | 5.2         | 25            | 12/2/2015   | 68  | 558 | <0.001  | <0.001  | <0.001        | <0.003        | 81      | Clear Slight odor |
| 2  | 44.25          | 52.55       | 5.4         | 25            | 3/29/2016   | 68  | 508 | <0.001  | <0.001  | <0.001        | <0.003        | 84.1    | Clear Slight odor |
| 2  | 44.94          | 52.55       | 4.9         | 25            | 6/27/2016   | 48  | 500 | <0.001  | <0.001  | <0.001        | <0.003        | 112     | Clear Slight odor |
| 2  | 44.29          | 52.55       | 5.4         | 25            | 9/27/2016   | 52  | 500 | <0.001  | <0.001  | <0.001        | <0.003        | 99      | Clear Slight odor |
| 2  | 43.72          | 52.55       | 5.7         | 25            | 12/6/2016   | 72  | 482 | <0.001  | <0.001  | <0.001        | <0.003        | 89      | Clear Slight odor |
| 2  | 43.84          | 52.55       | 5.7         | 25            | 3/21/2017   | 52  | 510 | <0.001  | <0.001  | <0.001        | <0.003        | 92      | Clear Slight odor |
| 2  | 44.27          | 52.55       | 5.4         | 25            | 6/28/2017   | 84  | 558 | <0.001  | <0.001  | <0.001        | <0.003        | 79      | Clear Slight odor |
| 2  | 44.19          | 52.55       | 5.4         | 25            | 9/26/2017   | 60  | 580 | <0.001  | <0.001  | <0.001        | <0.003        | 91      | Clear Slight odor |
| 2  | 44.26          | 52.55       | 5.4         | 25            | 12/22/2017  | 80  | 586 | <0.001  | <0.001  | <0.001        | <0.003        | 98      | Clear Slight odor |
| 2  | 44.09          | 52.55       | 5.5         | 25            | 3/21/2018   | 72  | 538 | <0.001  | <0.001  | <0.001        | <0.003        | 94.4    | Clear Slight odor |
| 2  | 44.41          | 52.55       | 5.3         | 25            | 6/28/2018   | 108 | 540 | <0.001  | <0.001  | <0.001        | <0.003        | 71.4    | Clear Slight odor |
| 2  | 45.02          | 52.55       | 4.9         | 25            | 9/19/2018   | 72  | 552 | <0.001  | <0.001  | <0.001        | <0.003        | 93.6    | Clear Slight odor |
| 2  | 44.98          | 52.55       | 4.9         | 25            | 12/22/2018  | 44  | 515 | <0.001  | <0.001  | <0.001        | <0.003        | 115     | Clear Slight odor |
| 2  | 45.03          | 52.55       | 4.9         | 25            | 3/27/2019   | 124 | 427 | <0.001  | <0.001  | <0.001        | <0.003        | 79      | Clear Slight odor |
| 2  | 44.15          | 52.55       | 5.5         | 25            | 6/26/2019   | 144 | 597 | <0.001  | <0.001  | <0.001        | <0.003        | 74      | Clear Slight odor |
| 2  | 46.79          | 52.55       | 5.6         | 25            | 9/26/2019   | 128 | 614 | <0.001  | <0.001  | <0.001        | <0.003        | 83      | Clear Slight odor |
| 2  | 44.88          | 52.55       | 5.6         | 20            | 12/12/2019  | 52  | 521 | <0.001  | <0.001  | <0.001        | <0.003        | 94      | Clear Slight odor |
| 2  | 45.43          | 52.55       | 4.6         | 20            | 3/26/2020   | 52  | 519 | <0.001  | <0.001  | <0.001        | <0.003        | 85.6    | Clear Slight odor |
| 2  | 45.84          | 52.55       | 4.4         | 20            | 9/30/2020   | 76  | 522 | <0.001  | <0.001  | <0.001        | <0.003        | 70.2    | Clear Slight odor |
| 2  | 45.29          | 52.55       | 4.7         | 20            | 3/30/2021   | 72  | 405 | <0.001  | <0.001  | <0.001        | <0.003        | 78.4    | Clear Slight odor |
| 2  | 45.36          | 52.55       | 4.7         | 20            | 6/30/2021   | 72  | 525 | <0.001  | <0.001  | <0.001        | <0.003        | 83.4    | Clear Slight odor |
| 2  | 46.04          | 52.55       | 4.2         | 20            | 9/29/2021   | 80  | 554 | <0.001  | <0.001  | <0.001        | <0.003        | 75.3    | Clear Slight odor |
| 2  | 46.09          | 52.55       | 4.2         | 20            | 12/3/2021   | 96  | 544 | <0.001  | <0.001  | <0.001        | <0.003        | 101     | Clear Slight odor |
| 2  | 46.52          | 52.55       | 3.9         | 20            | 3/30/2022   | 72  | 531 | <0.001  | <0.001  | <0.001        | <0.003        | 78.9    | Clear Slight odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments          |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-------------------|
| 2  | 46.58          | 52.55       | 3.9         | 20            | 6/30/2022   | 72  | 545 | <0.001  | <0.001  | <0.001        | <0.003        | 92.5    | Clear Slight odor |
| 2  | 46.7           | 52.55       | 3.8         | 20            | 9/27/2022   | 116 | 552 | <0.001  | <0.001  | <0.001        | <0.003        | 74.5    | Clear Slight odor |
| 2  | 46.68          | 52.55       | 3.8         | 15            | 12/15/2022  | 92  | 557 | <0.001  | <0.001  | <0.001        | <0.003        | 78.2    | Clear Slight odor |
| 2  | 47.01          | 52.55       | 3.6         | 15            | 3/29/2023   | 112 | 572 | <0.001  | <0.001  | <0.001        | <0.003        | 73.4    | Clear Slight odor |
| 2  | 47.08          | 52.55       | 3.6         | 15            | 6/27/2023   | 88  | 568 | <0.001  | <0.001  | <0.001        | <0.003        | 81.4    | Clear Slight odor |
| 2  | 47.14          | 52.55       | 3.5         | 15            | 9/25/2023   | 72  | 491 | <0.001  | <0.001  | <0.001        | <0.003        | 75      | Clear Slight odor |
| 2  | 47.22          | 52.55       | 3.5         | 15            | 12/6/2023   | 52  | 482 | <0.001  | <0.001  | <0.001        | <0.003        | 84.9    | Clear Slight odor |
| 2  | 47.33          | 52.55       | 3.4         | 15            | 3/26/2024   | 68  | 423 | <0.001  | <0.001  | <0.001        | <0.003        | 83.6    | Clear Slight odor |
| 2  | 47.51          | 52.55       | 3.3         | 15            | 6/25/2024   | 60  | 490 | <0.001  | <0.001  | <0.001        | <0.003        | 104     | Clear Slight odor |
| 2  | 47.6           | 52.55       | 3.2         | 15            | 9/19/2024   | 60  | 492 | <0.001  | <0.001  | <0.001        | <0.003        | 112     | Clear Slight odor |
| 2  | 47.7           | 52.55       | 3.2         | 15            | 11/22/2024  | 56  | 565 | <0.001  | <0.001  | <0.001        | <0.003        | 83.2    | Clear Slight odor |

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl    | TDS    | Benzene | Toluene  | Ethyl Benzene | Total Xylenes | Sulfate | Comments |
|----|----------------|-------------|-------------|---------------|-------------|-------|--------|---------|----------|---------------|---------------|---------|----------|
| 3  | 40.76          | 156         | 74.92       | 224.76        | 12/6/2002   | XXX   | XXX    | XXX     | XXX      | XXX           | XXX           | XXX     |          |
| 3  | 10.95          | 156         | 74.79       | 224.38        | 3/14/2003   | 5,850 | XXX    | 0.06    | 0.001    | 0.001         | 0.003         | 888     |          |
| 3  | 40.69          | 156         | 74.97       | 224.93        | 6/27/2003   | 5,320 | 10,700 | 0.013   | <0.001   | <0.001        | 0.001         | 1120    |          |
| 3  | 40.68          | 156.1       | 75.34       | 226.02        | 9/22/2003   | 5,320 | 10,900 | 0.008   | <0.001   | <0.001        | 0.001         | 1050    |          |
| 3  | 40.82          | 156         | 75.23       | 225.69        | 12/18/2003  | 5,398 | 10,512 | 0.018   | <0.002   | <0.002        | <0.006        | 399     |          |
| 3  | 41.82          | 156         | 74.57       | 223.73        | 3/15/2004   | 5,140 | 8,990  | 0.0354  | <0.001   | 0.000821      | 0.00165       | 793     |          |
| 3  | 40.83          | 156.1       | 75.23       | 225.71        | 5/27/2004   | 5,230 | 8,060  | 0.0131  | 0.000238 | 0.000248      | 0.00098       | 664     |          |
| 3  | 41.93          | 156.2       | 74.27       | 222.73        | 9/8/2004    | 5,140 | 8,600  | 0.0152  | <0.001   | 0.00184       | 0.00357       | 762     |          |
| 3  | 39.64          | 156.2       | 75.73       | 227.19        | 11/23/2004  | 3,890 | XXX    | 0.0281  | 0.000202 | 0.000775      | 0.00449       | 683     |          |
| 3  | 38.73          | 156.2       | XXX         | 235           | 3/29/2005   | 7,300 | 14,700 | 0.0805  | <0.001   | 0.00291       | 0.00422       | 1030    |          |
| 3  | 39.35          | 156.2       | XXX         | 39.35         | 6/28/2005   | 7,280 | 8,930  | 0.00619 | <0.001   | <0.001        | <0.001        | 2760    |          |
| 3  | 39.43          | 155.8       | XXX         | 40            | 9/6/2005    | 4,660 | 7,070  | 0.00566 | <0.001   | 0.00219       | 0.00455       | 874     |          |
| 3  | 39.52          | 156.2       | 75.8        | 230           | 12/6/2005   | 7,130 | 12,100 | 0.0529  | 0.000572 | 0.00312       | <0.001        | 848     |          |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl    | TDS    | Benzene | Toluene     | Ethyl Benzene | Total Xylenes | Sulfate | Comments                 |
|----|----------------|-------------|-------------|---------------|-------------|-------|--------|---------|-------------|---------------|---------------|---------|--------------------------|
| 3  | 39.82          | 156.2       | 75.6        | 230           | 2/28/2006   | 7,270 | 15,300 | 0.0315  | 0.00264     | 0.00535       | <0.001        | 829     |                          |
| 3  | 40.19          | 156.2       | 75.4        | 230           | 6/5/2006    | 7,660 | 13,600 | 0.0171  | j[0.000488] | 0.00258       | <0.001        | 914     | Clear Septic odor        |
| 3  | 39.8           | 156.2       | 75.6        | 225           | 9/12/2006   | 7,390 | 13,100 | 0.0107  | j[0.000587] | <0.001        | <0.001        | 939     |                          |
| 3  | 39.67          | 156.2       | 75.7        | 230           | 11/14/2006  | 6,810 | 12,600 | 0.00697 | j[0.000417] | j[0.000413]   | <0.001        | 901     | Strong septic odor       |
| 3  | 42.15          | 156.7       | 9.4         | 30            | 3/14/2007   | 7,810 | 13,500 | 0.00177 | j[0.000597] | j[0.000405]   | <0.001        | 916     |                          |
| 3  | 40.48          | 156.2       | 75.2        | 230           | 6/11/2007   | 9,390 | 16,100 | 0.0139  | 0.00168     | 0.00485       | 0.01006       | 1100    | Clear                    |
| 3  | 40.43          | 156.2       | 75.2        | 230           | 9/18/2007   | 7,298 | 14,814 | 0.028   | 0.001       | <0.001        | 0.009         | 1010    | Clear Strong septic odor |
| 3  | 40.5           | 156.2       | 75.2        | 320           | 12/5/2007   | 2,700 | 5,870  | 0.052   | 0.001       | 0.001         | 0.003         | 680     | Clear Strong septic odor |
| 3  | 40.76          | 156.2       | 75          | 250           | 3/4/2008    | 7,600 | 14,100 | 0.014   | <0.001      | <0.001        | <0.003        | 1110    | Clear Strong septic odor |
| 3  | 40.97          | 156.2       | 75          | 250           | 5/29/2008   | 4,100 | 8,170  | 0.007   | 0.004       | 0.003         | <0.003        | 592     | Clear Strong septic odor |
| 3  | 41.26          | 156.2       | 75          | 250           | 9/5/2008    | 7,600 | 15,200 | 0.011   | <0.001      | <0.001        | <0.003        | 978     | Clear Strong septic odor |
| 3  | 41.42          | 156.2       | 75          | 250           | 12/16/2008  | 4,250 | 8,710  | 0.006   | <0.001      | <0.001        | <0.003        | 600     | Clear Strong septic odor |
| 3  | 41.6           | 156.2       | 74          | 250           | 3/16/2009   | 3,730 | 7,570  | 0.004   | <0.001      | <0.001        | <0.003        | 527     | Clear Strong septic odor |
| 3  | 41.79          | 156.2       | 74          | 250           | 6/9/2009    | 3,750 | 7,600  | 0.001   | <0.001      | <0.001        | <0.003        | 522     | Clear Strong Septic odor |
| 3  | 41.91          | 156.2       | 74          | 250           | 9/15/2009   | 3,700 | 7,480  | 0.002   | <0.001      | <0.001        | <0.003        | 492     | Clear Strong septic odor |
| 3  | 42.05          | 156.2       | 74          | 250           | 11/20/2009  | 3,250 | 6,560  | <0.001  | <0.001      | <0.001        | <0.003        | 434     | Clear Strong septic odor |
| 3  | 42.17          | 156.2       | 74          | 250           | 3/18/2010   | 7,700 | 14,100 | 0.006   | <0.001      | <0.001        | <0.003        | 1030    | Clear Strong septic odor |
| 3  | 42.26          | 156.2       | 74          | 250           | 6/7/2010    | 7,600 | 13,700 | 0.002   | <0.001      | <0.001        | <0.003        | 894     | Clear Strong septic odor |
| 3  | 41.09          | 156.2       | 75          | 250           | 9/8/2010    | 2,700 | 5,100  | 0.002   | <0.001      | <0.001        | <0.003        | 293     | Clear Strong septic odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW                      | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl    | TDS    | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                 |
|-------------------------|----------------|-------------|-------------|---------------|-------------|-------|--------|---------|---------|---------------|---------------|---------|--------------------------|
| 3                       | 41.25          | 156.2       | 75          | 250           | 12/8/2010   | 4,150 | 6,650  | 0.001   | <0.001  | 0.001         | <0.003        | 470     | Clear Strong septic odor |
| 3                       | 41.9           | 156.2       | 74          | 250           | 3/16/2011   | 7,800 | 17,100 | 0.005   | <0.001  | <0.001        | <0.003        | 868     | Clear Strong septic odor |
| 3                       | 42.39          | 156.2       | 74          | 250           | 6/23/2011   | 3,000 | 4,940  | <0.001  | <0.001  | <0.001        | <0.003        | 343     | Clear Strong septic odor |
| 3                       | 42.52          | 156.2       | 74          | 250           | 9/22/2011   | 2,170 | 4,120  | <0.001  | <0.001  | <0.001        | <0.003        | 282     | Clear Strong Septic odor |
| 3                       | 42.69          | 156.2       | 74          | 250           | 12/12/2011  | 2,470 | 5,000  | <0.001  | <0.001  | <0.001        | <0.003        | 327     | Clear Strong septic odor |
| 3                       | 42.84          | 156.2       | 74          | 250           | 3/21/2012   | 2,930 | 6,170  | <0.001  | <0.001  | <0.001        | <0.003        | 408     | Clear Strong septic odor |
| 3                       | 43.14          | 156.2       | 73          | 250           | 6/15/2012   | 2,020 | 4,640  | <0.001  | <0.001  | <0.001        | <0.003        | 249     | Clear Strong septic odor |
| 3                       | 43.23          | 156.2       | 73          | 250           | 9/12/2012   | 1,470 | 3,530  | <0.001  | <0.001  | <0.001        | <0.003        | 265     | Clear Strong septic odor |
| MW-3 plugged 12/17/2012 |                |             |             |               |             |       |        |         |         |               |               |         |                          |

| MW                       | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|--------------------------|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|---------------|
| 3R                       | 41.1           | 55.9        | 2.4         | 10            | 12/8/2010   | 184 | 744 | <0.001  | <0.001  | <0.001        | <0.003        | 80.9    | Clear No odor |
| 3R                       | 41.89          | 55.9        | 2.2         | 10            | 3/16/2011   | 204 | 792 | <0.001  | <0.001  | <0.001        | <0.003        | 76.9    | Clear No odor |
| 3R                       | 42.33          | 55.9        | 2.2         | 10            | 6/23/2011   | 248 | 817 | <0.001  | <0.001  | <0.001        | <0.003        | 67.4    | Clear No odor |
| 3R                       | 42.59          | 55.9        | 2.1         | 10            | 9/21/2011   | 240 | 795 | <0.001  | <0.001  | <0.001        | <0.003        | 71.2    | Clear No odor |
| 3R                       | 42.8           | 55.9        | 2.1         | 10            | 12/12/2011  | 200 | 768 | <0.001  | <0.001  | <0.001        | <0.003        | 82.8    | Clear No odor |
| 3R                       | 42.97          | 55.9        | 2.1         | 10            | 3/20/2012   | 212 | 904 | <0.001  | <0.001  | <0.001        | <0.003        | 81.1    | Clear No odor |
| 3R                       | 43.21          | 55.9        | 2           | 10            | 6/15/2012   | 220 | 857 | <0.001  | <0.001  | <0.001        | <0.003        | 72.6    | Clear No odor |
| 3R                       | 43.28          | 55.9        | 2           | 10            | 9/11/2012   | 252 | 912 | <0.001  | <0.001  | <0.001        | <0.003        | 68.5    | Clear No odor |
| MW-3R plugged 12/17/2012 |                |             |             |               |             |     |     |         |         |               |               |         |               |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|---------------|
| 4  | 42.42          | 56.65       | 9.24        | 27.74         | 8/14/2002   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     |               |
| 4  | 42.6           | 56.66       | 9.14        | 27.42         | 12/6/2002   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     |               |
| 4  | 42.84          | 56.63       | 8.96        | 26.89         | 3/14/2003   | 84  | XXX | <0.001  | <0.001  | <0.001        | <0.001        | 123     |               |
| 4  | 42.58          | 56.65       | 9.14        | 27.43         | 6/27/2003   | 62  | 520 | <0.001  | <0.001  | <0.001        | 0.002         | 138     |               |
| 4  | 42.66          | 56.7        | 9.16        | 27.5          | 9/22/2003   | 65  | 569 | <0.001  | <0.001  | <0.001        | <0.001        | 123     |               |
| 4  | 42.69          | 56.67       | 9.12        | 27.38         | 12/18/2003  | 64  | 547 | <0.002  | <0.002  | <0.002        | <0.006        | 44.8    |               |
| 4  | 43.77          | 56.67       | 8.42        | 25.27         | 3/15/2004   | 124 | 560 | 0.00103 | <0.001  | <0.001        | <0.001        | 127     |               |
| 4  | 42.65          | 56.65       | 9.14        | 27.42         | 5/27/2004   | 50  | 484 | <0.001  | <0.001  | <0.001        | <0.001        | 107     |               |
| 4  | 43.92          | 56.71       | 8.31        | 24.94         | 9/8/2004    | 50  | 492 | 0.00142 | <0.001  | <0.001        | <0.001        | 114     |               |
| 4  | 41.26          | 56.71       | 10.04       | 30.13         | 11/23/2004  | 55  | XXX | <0.001  | <0.001  | <0.001        | <0.001        | 99.2    |               |
| 4  | 40.85          | 56.71       | XXX         | 32            | 3/29/2005   | 47  | 424 | <0.001  | <0.001  | <0.001        | <0.001        | 101     |               |
| 4  | 41.32          | 61.65       | XXX         | 40            | 6/28/2005   | 45  | 519 | <0.001  | <0.001  | <0.001        | <0.001        | 102     |               |
| 4  | 41.42          | 61.65       | XXX         | 40            | 9/6/2005    | 70  | 523 | <0.001  | <0.001  | <0.001        | <0.001        | 92.5    |               |
| 4  | 41.58          | 56.71       | 9.8         | 30            | 12/6/2005   | 40  | 370 | <0.001  | <0.001  | <0.001        | <0.001        | 82.2    |               |
| 4  | 41.84          | 56.71       | 9.7         | 30            | 2/28/2006   | 40  | 556 | <0.001  | <0.001  | <0.001        | <0.001        | 71.7    |               |
| 4  | 42.27          | 56.71       | 9.4         | 30            | 6/5/2006    | 59  | 476 | <0.001  | <0.001  | <0.001        | <0.001        | 76.2    |               |
| 4  | 41.66          | 56.71       | 9.8         | 30            | 9/11/2006   | 66  | 588 | <0.001  | <0.001  | <0.001        | <0.001        | 87      |               |
| 4  | 41.63          | 56.71       | 9.8         | 30            | 11/14/2006  | 93  | 498 | <0.001  | <0.001  | <0.001        | <0.001        | 90.8    |               |
| 4  | 42.15          | 56.68       | 9.4         | 30            | 3/13/2007   | 95  | 528 | <0.001  | <0.001  | <0.001        | <0.001        | 82.7    | Clear No odor |
| 4  | 42.59          | 56.68       | 9.2         | 30            | 6/11/2007   | 70  | 516 | <0.001  | <0.001  | <0.001        | <0.001        | 77.6    | Clear         |
| 4  | 42.53          | 56.68       | 9.2         | 30            | 9/18/2007   | 84  | 604 | <0.001  | <0.001  | <0.001        | <0.003        | 93.2    | Clear No odor |
| 4  | 42.65          | 56.68       | 9.1         | 30            | 12/6/2007   | 120 | 588 | <0.001  | <0.001  | <0.001        | <0.003        | 99.7    | Clear No odor |
| 4  | 42.98          | 56.68       | 8.9         | 30            | 3/3/2008    | 128 | 609 | <0.001  | <0.001  | <0.001        | <0.003        | 115     | Clear No odor |
| 4  | 43.19          | 56.68       | 8.8         | 30            | 5/28/2008   | 84  | 639 | <0.001  | <0.001  | <0.001        | <0.003        | 98.7    | Clear No odor |
| 4  | 43.47          | 56.68       | 8.6         | 30            | 9/8/2008    | 192 | 768 | <0.001  | <0.001  | <0.001        | <0.003        | 130     | Clear No odor |
| 4  | 43.67          | 56.68       | 8.5         | 30            | 12/15/2008  | 152 | 683 | <0.001  | <0.001  | <0.001        | <0.003        | 90.6    | Clear No odor |
| 4  | 43.84          | 56.72       | 8.4         | 30            | 3/17/2009   | 152 | 614 | <0.001  | <0.001  | <0.001        | <0.003        | 89.8    | Clear No odor |
| 4  | 44.21          | 56.72       | 8.1         | 30            | 6/10/2009   | 128 | 646 | <0.001  | <0.001  | <0.001        | <0.003        | 71.1    | Clear No odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|---------------|
| 4  | 44.33          | 56.72       | 8.1         | 30            | 9/14/2009   | 136 | 594 | <0.001  | <0.001  | <0.001        | <0.003        | 72.9    | Clear No odor |
| 4  | 44.28          | 56.72       | 8.1         | 30            | 11/19/2009  | 132 | 614 | <0.001  | <0.001  | <0.001        | <0.003        | 68.1    | Clear No odor |
| 4  | 44.43          | 56.71       | 8           | 30            | 3/17/2010   | 44  | 637 | <0.001  | <0.001  | <0.001        | <0.003        | 148     | Clear No odor |
| 4  | 44.56          | 56.71       | 7.9         | 30            | 6/8/2010    | 108 | 552 | <0.001  | <0.001  | <0.001        | <0.003        | 89      | Clear No odor |
| 4  | 43.12          | 56.71       | 8.8         | 30            | 9/7/2010    | 120 | 587 | <0.001  | <0.001  | <0.001        | <0.003        | 71.3    | Clear No odor |
| 4  | 43.49          | 56.71       | 8.6         | 30            | 12/9/2010   | 100 | 468 | <0.001  | <0.001  | <0.001        | <0.003        | 95.7    | Clear No odor |
| 4  | 44.26          | 56.71       | 8.1         | 30            | 3/15/2011   | 88  | 554 | <0.001  | <0.001  | <0.001        | <0.003        | 79.7    | Clear No odor |
| 4  | 44.69          | 56.71       | 7.8         | 30            | 6/22/2011   | 88  | 544 | <0.001  | <0.001  | <0.001        | <0.003        | 90.2    | Clear No odor |
| 4  | 44.96          | 56.71       | 7.6         | 30            | 9/21/2011   | 80  | 493 | <0.001  | <0.001  | <0.001        | <0.003        | 89      | Clear No odor |
| 4  | 45.16          | 56.71       | 7.5         | 30            | 12/13/2011  | 84  | 531 | <0.001  | <0.001  | <0.001        | <0.003        | 96.5    | Clear No odor |
| 4  | 45.33          | 56.71       | 7.4         | 30            | 3/20/2012   | 84  | 562 | <0.001  | <0.001  | <0.001        | <0.003        | 99.8    | Clear No odor |
| 4  | 45.53          | 56.71       | 7.3         | 30            | 6/14/2012   | 76  | 557 | <0.001  | <0.001  | <0.001        | <0.003        | 79.7    | Clear No odor |
| 4  | 45.61          | 56.71       | 7.2         | 30            | 9/11/2012   | 104 | 600 | <0.001  | <0.001  | <0.001        | <0.003        | 99.5    | Clear No odor |
| 4  | 45.78          | 56.71       | 7.1         | 30            | 12/12/2012  | 104 | 605 | <0.001  | <0.001  | <0.001        | <0.003        | 95      | Clear No odor |
| 4  | 45.98          | 56.71       | 7           | 30            | 3/5/2013    | 96  | 522 | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Clear No odor |
| 4  | 46.25          | 56.71       | 6.8         | 30            | 6/20/2013   | 36  | 471 | <0.001  | <0.001  | <0.001        | <0.003        | 76      | Clear No odor |
| 4  | 46.44          | 56.71       | 6.7         | 30            | 9/18/2013   | 80  | 527 | <0.001  | <0.001  | <0.001        | <0.003        | 73.5    | Clear No odor |
| 4  | 46.58          | 56.71       | 6.6         | 30            | 12/16/2013  | 84  | 510 | <0.001  | <0.001  | <0.001        | <0.003        | 87.7    | Clear No odor |
| 4  | 46.7           | 56.71       | 6.5         | 30            | 3/24/2014   | 88  | 554 | <0.001  | <0.001  | <0.001        | <0.003        | 94.8    | Clear No odor |
| 4  | 46.92          | 56.71       | 6.4         | 30            | 6/18/2014   | 67  | 510 | <0.001  | <0.001  | <0.001        | <0.001        | 79      | Clear No odor |
| 4  | 47.16          | 56.71       | 6.2         | 30            | 9/11/2014   | 112 | 532 | <0.001  | <0.001  | <0.001        | <0.003        | 162     | Clear No odor |
| 4  | 47.24          | 56.71       | 6.2         | 30            | 12/22/2014  | 72  | 418 | <0.001  | <0.001  | <0.001        | <0.003        | 89      | Clear No odor |
| 4  | 46.85          | 56.71       | 6.4         | 30            | 3/19/2015   | 68  | 488 | <0.001  | <0.001  | <0.001        | <0.003        | 74      | Clear No odor |
| 4  | 46.95          | 56.71       | 6.3         | 30            | 6/18/2015   | 88  | 564 | <0.001  | <0.001  | <0.001        | <0.003        | 75      | Clear No odor |
| 4  | 47.01          | 56.71       | 6.3         | 30            | 9/23/2015   | 76  | 568 | <0.001  | <0.001  | <0.001        | <0.003        | 80.3    | Clear No odor |
| 4  | 46.76          | 56.71       | 6.5         | 25            | 12/3/2015   | 68  | 508 | <0.001  | <0.001  | <0.001        | <0.003        | 73      | Clear No odor |
| 4  | 46.52          | 56.71       | 6.6         | 25            | 3/20/2016   | 72  | 496 | <0.001  | <0.001  | <0.001        | <0.003        | 82.8    | Clear No odor |
| 4  | 47.28          | 56.71       | 6.1         | 20            | 6/28/2016   | 92  | 538 | <0.001  | <0.001  | <0.001        | <0.003        | 79.9    | Clear No odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|---------------|
| 4  | 46.56          | 56.71       | 6.6         | 25            | 9/28/2016   | 76  | 560 | <0.001  | <0.001  | <0.001        | <0.003        | 94      | Clear No odor |
| 4  | 45.9           | 56.71       | 7           | 25            | 12/7/2016   | 76  | 494 | <0.001  | <0.001  | <0.001        | <0.003        | 81      | Clear No odor |
| 4  | 46.03          | 56.71       | 6.9         | 25            | 3/22/2017   | 84  | 520 | <0.001  | <0.001  | <0.001        | <0.003        | 86      | Clear No odor |
| 4  | 46.51          | 56.71       | 6.6         | 25            | 6/29/2017   | 96  | 610 | <0.001  | <0.001  | <0.001        | <0.003        | 106     | Clear No odor |
| 4  | 46.46          | 56.71       | 6.7         | 25            | 9/27/2017   | 80  | 590 | <0.001  | <0.001  | <0.001        | <0.003        | 96      | Clear No odor |
| 4  | 46.53          | 56.71       | 6.6         | 25            | 12/26/2017  | 80  | 588 | <0.001  | <0.001  | <0.001        | <0.003        | 195     | Clear No odor |
| 4  | 46.94          | 56.71       | 6.4         | 25            | 3/22/2018   | 96  | 488 | <0.001  | <0.001  | <0.001        | <0.003        | 82.5    | Clear No odor |
| 4  | 47.22          | 56.71       | 6.2         | 20            | 6/29/2018   | 92  | 440 | <0.001  | <0.001  | <0.001        | <0.003        | 77      | Clear No odor |
| 4  | 47.33          | 56.71       | 6.1         | 25            | 9/20/2018   | 100 | 436 | <0.001  | <0.001  | <0.001        | <0.003        | 73.8    | Clear No odor |
| 4  | 47.24          | 56.71       | 6.2         | 20            | 12/23/2018  | 80  | 396 | <0.001  | <0.001  | <0.001        | <0.003        | 92.3    | Clear No odor |
| 4  | 47.33          | 56.71       | 6.1         | 25            | 3/28/2019   | 132 | 385 | <0.001  | <0.001  | <0.001        | <0.003        | 89      | Clear No odor |
| 4  | 47.03          | 56.71       | 6.3         | 25            | 6/27/2019   | 144 | 596 | <0.001  | <0.001  | <0.001        | <0.003        | 83      | Clear No odor |
| 4  | 46.79          | 56.71       | 6.4         | 25            | 9/27/2019   | 132 | 597 | <0.001  | <0.001  | <0.001        | <0.003        | 80      | Clear No odor |
| 4  | 47.28          | 56.71       | 6.1         | 20            | 12/13/2019  | 120 | 573 | <0.001  | <0.001  | <0.001        | <0.003        | 70      | Clear No odor |
| 4  | 47.68          | 56.71       | 5.9         | 20            | 3/25/2020   | 136 | 640 | <0.001  | <0.001  | <0.001        | <0.003        | 74.7    | Clear No odor |
| 4  | 48.08          | 56.71       | 5.6         | 20            | 9/29/2020   | 136 | 579 | <0.001  | <0.001  | <0.001        | <0.003        | 61.5    | Clear No odor |
| 4  | 47.42          | 56.71       | 6           | 20            | 3/29/2021   | 148 | 625 | <0.001  | <0.001  | <0.001        | <0.003        | 79.4    | Clear No odor |
| 4  | 47.54          | 56.71       | 6           | 20            | 6/29/2021   | 196 | 756 | <0.001  | <0.001  | <0.001        | <0.003        | 97.3    | Clear No odor |
| 4  | 48.23          | 56.71       | 6           | 20            | 9/28/2021   | 140 | 656 | <0.001  | <0.001  | <0.001        | <0.003        | 80.6    | Clear No odor |
| 4  | 48.27          | 56.71       | 5.5         | 20            | 12/2/2021   | 148 | 619 | <0.001  | <0.001  | <0.001        | <0.003        | 110     | Clear No odor |
| 4  | 48.7           | 56.71       | 5.2         | 20            | 3/29/2022   | 136 | 593 | <0.001  | <0.001  | <0.001        | <0.003        | 66.2    | Clear No odor |
| 4  | 48.85          | 56.71       | 5.1         | 20            | 6/29/2022   | 184 | 758 | <0.001  | <0.001  | <0.001        | <0.003        | 112     | Clear No odor |
| 4  | 48.94          | 56.71       | 5.1         | 20            | 9/26/2022   | 124 | 585 | <0.001  | <0.001  | <0.001        | <0.003        | 76      | Clear No odor |
| 4  | 48.91          | 56.71       | 5.1         | 20            | 12/14/2022  | 128 | 616 | <0.001  | <0.001  | <0.001        | <0.003        | 75.6    | Clear No odor |
| 4  | 49.38          | 56.71       | 4.8         | 15            | 3/28/2023   | 128 | 571 | <0.001  | <0.001  | <0.001        | <0.003        | 63.6    | Clear No odor |
| 4  | 49.33          | 56.71       | 4.8         | 15            | 6/26/2023   | 96  | 602 | <0.001  | <0.001  | <0.001        | <0.003        | 79.2    | Clear No odor |
| 4  | 49.39          | 56.71       | 4.8         | 15            | 9/25/2023   | 112 | 547 | <0.001  | <0.001  | <0.001        | <0.003        | 60.2    | Clear No odor |
| 4  | 49.41          | 56.71       | 4.7         | 15            | 12/6/2023   | 144 | 585 | <0.001  | <0.001  | <0.001        | <0.003        | 78.3    | Clear No odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|----|----------------|-------------|-------------|---------------|-------------|----|-----|---------|---------|---------------|---------------|---------|---------------|
| 4  | 49.52          | 56.71       | 4.7         | 15            | 3/26/2024   | 96 | 675 | <0.001  | <0.001  | <0.001        | <0.003        | 132     | Clear No odor |
| 4  | 49.78          | 56.71       | 4.5         | 15            | 6/25/2024   | 92 | 675 | <0.001  | <0.001  | <0.001        | <0.003        | 140     | Clear No odor |
| 4  | 49.8           | 56.71       | 4.5         | 15            | 9/19/2024   | 88 | 645 | <0.001  | <0.001  | <0.001        | <0.003        | 143     | Clear No odor |
| 4  | 49.9           | 56.71       | 4.4         | 15            | 11/22/2024  | 92 | 624 | <0.001  | <0.001  | <0.001        | <0.003        | 124     | 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      |
|----|----------------|-------------|-------------|---------------|-------------|------|------|---------|---------|---------------|---------------|---------|---------------|
| 5  | 38.82          | 51.18       | 8.01        | 24.04         | 12/6/2002   | XXX  | XXX  | XXX     | XXX     | XXX           | XXX           | XXX     |               |
| 5  | 39.04          | 51.18       | 7.89        | 23.67         | 3/14/2003   | 39   | XXX  | <0.001  | <0.001  | <0.001        | <0.001        | 105     |               |
| 5  | 38.81          | 51.21       | 8.06        | 24.18         | 6/27/2003   | 35.4 | 513  | <0.001  | <0.001  | <0.001        | 0.002         | 120     |               |
| 5  | 51.2           | 38.77       | 8.11        | 24.35         | 9/22/2003   | 33.7 | 508  | <0.001  | <0.001  | <0.001        | <0.001        | 88.2    |               |
| 5  | 38.91          | 51.19       | 8.01        | 24.05         | 12/18/2003  | 56   | 474  | <0.002  | <0.002  | <0.002        | <0.006        | 39.4    |               |
| 5  | 40             | 51.19       | 7.3         | 21.92         | 3/15/2004   | 762  | 1620 | 0.0107  | <0.001  | 0.000543      | 0.00088       | 216     |               |
| 5  | 38.9           | 51.19       | 8.02        | 24.07         | 5/27/2004   | 33.7 | 473  | <0.001  | <0.001  | <0.001        | <0.001        | 94      |               |
| 5  | 40.18          | 51.31       | 7.23        | 21.7          | 9/8/2004    | 35.4 | 517  | <0.001  | <0.001  | <0.001        | <0.001        | 79.4    |               |
| 5  | 38.12          | 51.31       | 8.57        | 25.72         | 11/23/2004  | 57.3 | XXX  | <0.001  | <0.001  | <0.001        | <0.001        | 85.4    |               |
| 5  | 37.3           | 51.31       | XXX         | 32            | 3/29/2005   | 35   | 449  | <0.001  | <0.001  | <0.001        | <0.001        | 83.1    |               |
| 5  | XXX            | XXX         | XXX         | XXX           | 6/28/2005   | 38.1 | 504  | <0.001  | <0.001  | <0.001        | <0.001        | 95.8    |               |
| 5  | 37.74          | 51.07       | XXX         | 26.11         | 9/6/2005    | 66.8 | 488  | <0.001  | <0.001  | <0.001        | <0.001        | 103     |               |
| 5  | 37.8           | 51.31       | 8.8         | 30            | 12/6/2005   | 29.6 | 442  | 0.00044 | <0.001  | <0.001        | <0.001        | 67      |               |
| 5  | 38.11          | 51.31       | 8.6         | 30            | 2/28/2006   | 27.9 | 504  | <0.001  | <0.001  | <0.001        | <0.001        | 62.8    |               |
| 5  | 38.48          | 51.31       | 8.3         | 30            | 6/5/2006    | 37.8 | 484  | <0.001  | <0.001  | <0.001        | <0.001        | 69      |               |
| 5  | 38.08          | 51.31       | 8.6         | 30            | 9/11/2006   | 39   | 596  | <0.001  | <0.001  | <0.001        | <0.001        | 81.2    |               |
| 5  | 37.94          | 51.31       | 8.7         | 30            | 11/14/2006  | 30.2 | 430  | <0.001  | <0.001  | <0.001        | <0.001        | 85      |               |
| 5  | 38.33          | 51.3        | 8.4         | 30            | 3/13/2007   | 36.2 | 420  | <0.001  | <0.001  | <0.001        | <0.001        | 78      | Clear No odor |
| 5  | 38.82          | 51.3        | 8.1         | 30            | 6/11/2007   | 35.2 | 454  | <0.001  | <0.001  | <0.001        | <0.001        | 71.8    | Clear         |
| 5  | 38.78          | 51.3        | 8.1         | 30            | 9/18/2007   | 40   | 574  | <0.001  | <0.001  | <0.001        | <0.003        | 89.6    | Clear No odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|---------------|
| 5  | 38.85          | 51.3        | 8.1         | 30            | 12/6/2007   | 32  | 484 | <0.001  | <0.001  | <0.001        | <0.003        | 91.4    | Clear No odor |
| 5  | 39.15          | 51.3        | 7.9         | 30            | 3/4/2008    | 40  | 472 | <0.001  | <0.001  | <0.001        | <0.003        | 93.6    | Clear No odor |
| 5  | 39.41          | 51.3        | 7.7         | 30            | 5/28/2008   | 40  | 517 | <0.001  | <0.001  | <0.001        | <0.003        | 90      | Clear No odor |
| 5  | 39.66          | 51.3        | 7.6         | 30            | 9/8/2008    | 60  | 560 | <0.001  | <0.001  | <0.001        | <0.003        | 157     | Clear No odor |
| 5  | 39.86          | 51.3        | 7.4         | 30            | 12/15/2008  | 40  | 538 | <0.001  | <0.001  | <0.001        | <0.003        | 92.8    | Clear No odor |
| 5  | 39.98          | 51.3        | 7.4         | 30            | 3/16/2009   | 40  | 508 | <0.001  | <0.001  | <0.001        | <0.003        | 85      | Clear No odor |
| 5  | 40.34          | 51.3        | 7.1         | 30            | 6/10/2009   | 136 | 607 | <0.001  | <0.001  | <0.001        | <0.003        | 78.3    | Clear No odor |
| 5  | 40.32          | 51.3        | 7.1         | 30            | 9/14/2009   | 40  | 504 | <0.001  | <0.001  | <0.001        | <0.003        | 75.9    | Clear No odor |
| 5  | 40.43          | 51.3        | 7.1         | 30            | 11/19/2009  | 40  | 455 | <0.001  | <0.001  | <0.001        | <0.003        | 65      | Clear No odor |
| 5  | 40.58          | 51.29       | 7           | 30            | 3/17/2010   | 192 | 825 | <0.001  | <0.001  | <0.001        | <0.003        | 111     | Clear No odor |
| 5  | 40.71          | 51.29       | 6.9         | 30            | 6/8/2010    | 40  | 511 | <0.001  | <0.001  | <0.001        | <0.003        | 91      | Clear No odor |
| 5  | 39.73          | 51.29       | 7.5         | 30            | 9/7/2010    | 40  | 436 | <0.001  | <0.001  | <0.001        | <0.003        | 70.9    | Clear No odor |
| 5  | 39.81          | 51.29       | 7.5         | 30            | 12/9/2010   | 36  | 486 | <0.001  | <0.001  | <0.001        | <0.003        | 95.2    | Clear No odor |
| 5  | 40.38          | 51.29       | 7.1         | 30            | 3/15/2011   | 40  | 493 | <0.001  | <0.001  | <0.001        | <0.003        | 81.5    | Clear No odor |
| 5  | 40.83          | 51.29       | 6.8         | 30            | 6/22/2011   | 40  | 439 | <0.001  | <0.001  | <0.001        | <0.003        | 80.6    | Clear No odor |
| 5  | 41.09          | 51.29       | 6.6         | 30            | 9/21/2011   | 40  | 425 | <0.001  | <0.001  | <0.001        | <0.003        | 84.6    | Clear No odor |
| 5  | 41.27          | 51.29       | 6.5         | 30            | 12/13/2011  | 40  | 517 | <0.001  | <0.001  | <0.001        | <0.003        | 96      | Clear No odor |
| 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 |
| 5  | 41.96          | 51.29       | 6.1         | 30            | 12/12/2012  | 40  | 463 | <0.001  | <0.001  | <0.001        | <0.003        | 85      | Clear No odor |
| 5  | 42.14          | 51.29       | 5.9         | 30            | 3/5/2013    | 44  | 456 | <0.001  | <0.001  | <0.001        | <0.003        | 94      | Clear No odor |
| 5  | 42.41          | 51.29       | 5.8         | 30            | 6/20/2013   | 32  | 472 | <0.001  | <0.001  | <0.001        | <0.003        | 80      | Clear No odor |
| 5  | 42.51          | 51.29       | 5.7         | 30            | 9/18/2013   | 48  | 463 | <0.001  | <0.001  | <0.001        | <0.003        | 97      | Clear No odor |
| 5  | 42.68          | 51.29       | 5.6         | 30            | 12/16/2013  | 40  | 449 | <0.001  | <0.001  | <0.001        | <0.003        | 99      | Clear No odor |
| 5  | 42.79          | 51.29       | 5.5         | 30            | 3/25/2014   | 72  | 490 | <0.001  | <0.001  | <0.001        | <0.003        | 84.5    | Clear No odor |
| 5  | 42.41          | 51.29       | 5.8         | 30            | 6/18/2014   | 64  | 540 | <0.001  | <0.001  | <0.001        | <0.003        | 83      | Clear No odor |
| 5  | 42.66          | 51.29       | 5.6         | 30            | 9/12/2014   | 60  | 498 | <0.001  | <0.001  | <0.001        | <0.003        | 155     | Clear No odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|---------------|
| 5  | 42.75          | 51.29       | 5.6         | 30            | 12/23/2014  | 64  | 536 | <0.001  | <0.001  | <0.001        | <0.003        | 176     | Clear No odor |
| 5  | 42.38          | 51.29       | 5.8         | 30            | 3/20/2015   | 68  | 512 | <0.001  | <0.001  | <0.001        | <0.003        | 71      | Clear No odor |
| 5  | 42.41          | 51.29       | 5.8         | 30            | 6/17/2015   | 80  | 546 | <0.001  | <0.001  | <0.001        | <0.003        | 76      | Clear No odor |
| 5  | 42.49          | 51.29       | 5.7         | 30            | 9/22/2015   | 68  | 500 | <0.001  | <0.001  | <0.001        | <0.003        | 80.6    | Clear No odor |
| 5  | 42.25          | 51.29       | 5.9         | 30            | 12/2/2015   | 40  | 534 | <0.001  | <0.001  | <0.001        | <0.003        | 198     | Clear No odor |
| 5  | 42.02          | 51.29       | 6           | 30            | 3/29/2016   | 64  | 540 | <0.001  | <0.001  | <0.001        | <0.003        | 87.6    | Clear No odor |
| 5  | 42.7           | 51.29       | 5.6         | 20            | 6/27/2016   | 72  | 490 | <0.001  | <0.001  | <0.001        | <0.003        | 76.5    | Clear No odor |
| 5  | 42.07          | 51.29       | 6           | 25            | 9/27/2016   | 64  | 306 | <0.001  | <0.001  | <0.001        | <0.003        | 87      | Clear No odor |
| 5  | 41.44          | 51.29       | 6.4         | 25            | 12/6/2016   | 72  | 386 | <0.001  | <0.001  | <0.001        | <0.003        | 92      | Clear No odor |
| 5  | 41.55          | 51.29       | 6.3         | 25            | 3/21/2017   | 60  | 540 | <0.001  | <0.001  | <0.001        | <0.003        | 91      | Clear No odor |
| 5  | 42.01          | 51.29       | 6           | 25            | 6/28/2017   | 72  | 558 | <0.001  | <0.001  | <0.001        | <0.003        | 86      | Clear No odor |
| 5  | 41.93          | 51.29       | 6.1         | 25            | 9/26/2017   | 136 | 688 | <0.001  | <0.001  | <0.001        | <0.003        | 99      | Clear No odor |
| 5  | 42.06          | 51.29       | 6           | 25            | 12/22/2017  | 68  | 532 | <0.001  | <0.001  | <0.001        | <0.003        | 96      | Clear No odor |
| 5  | 42.44          | 51.29       | 5.8         | 25            | 3/21/2018   | 80  | 552 | <0.001  | <0.001  | <0.001        | <0.003        | 92.6    | Clear No odor |
| 5  | 42.65          | 51.29       | 5.6         | 20            | 6/28/2018   | 100 | 516 | <0.001  | <0.001  | <0.001        | <0.003        | 73.5    | Clear No odor |
| 5  | 43.48          | 51.29       | 5.1         | 25            | 9/19/2018   | 48  | 498 | <0.001  | <0.001  | <0.001        | <0.003        | 83.4    | Clear No odor |
| 5  | 43.42          | 51.29       | 5.1         | 20            | 12/22/2018  | 44  | 286 | <0.001  | <0.001  | <0.001        | <0.003        | 109     | Clear No odor |
| 5  | 43.42          | 51.29       | 5.1         | 25            | 12/22/2018  | 44  | 286 | <0.001  | <0.001  | <0.001        | <0.003        | 109     | Clear No odor |
| 5  | 43.49          | 51.29       | 5.1         | 25            | 3/27/2019   | 68  | 420 | <0.001  | <0.001  | <0.001        | <0.003        | 86      | Clear No odor |
| 5  | 42.07          | 51.29       | 6           | 25            | 6/25/2019   | 44  | 514 | <0.001  | <0.001  | <0.001        | <0.003        | 89      | Clear No odor |
| 5  | 42.24          | 51.29       | 5.9         | 25            | 9/26/2019   | 48  | 499 | <0.001  | <0.001  | <0.001        | <0.003        | 103     | Clear No odor |
| 5  | 43.22          | 51.29       | 5.2         | 20            | 12/12/2019  | 48  | 490 | <0.001  | <0.001  | <0.001        | <0.003        | 84      | Clear No odor |
| 5  | 43.94          | 51.29       | 4.8         | 20            | 3/26/2020   | 48  | 521 | <0.001  | <0.001  | <0.001        | <0.003        | 77.4    | Clear No odor |
| 5  | 44.36          | 51.29       | 4.5         | 20            | 9/30/2020   | 40  | 499 | <0.001  | <0.001  | <0.001        | <0.003        | 75.2    | Clear No odor |
| 5  | 43.78          | 51.29       | 4.9         | 20            | 3/30/2021   | 60  | 404 | <0.001  | <0.001  | <0.001        | <0.003        | 102     | Clear No odor |
| 5  | 44.18          | 51.29       | 4.6         | 20            | 6/30/2021   | 48  | 368 | <0.001  | <0.001  | <0.001        | <0.003        | 83.6    | Clear No odor |
| 5  | 44.18          | 51.29       | 4.6         | 20            | 9/29/2021   | 40  | 363 | <0.001  | <0.001  | <0.001        | <0.003        | 71.7    | Clear No odor |
| 5  | 44.25          | 51.29       | 4.6         | 20            | 12/3/2021   | 40  | 338 | <0.001  | <0.001  | <0.001        | <0.003        | 71.3    | Clear No odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|----|----------------|-------------|-------------|---------------|-------------|----|-----|---------|---------|---------------|---------------|---------|---------------|
| 5  | 44.67          | 51.29       | 4.3         | 20            | 3/30/2022   | 36 | 333 | <0.001  | <0.001  | <0.001        | <0.003        | 61.1    | Clear No odor |
| 5  | 44.81          | 51.29       | 4.2         | 20            | 6/30/2022   | 88 | 448 | <0.001  | <0.001  | <0.001        | <0.003        | 74.6    | Clear No odor |
| 5  | 44.9           | 51.29       | 4.2         | 20            | 9/27/2022   | 68 | 441 | <0.001  | <0.001  | <0.001        | <0.003        | 66.3    | Clear No odor |
| 5  | 44.86          | 51.29       | 4.2         | 15            | 12/15/2022  | 56 | 436 | <0.001  | <0.001  | <0.001        | <0.003        | 68.6    | Clear No odor |
| 5  | 45.74          | 51.29       | 3.6         | 15            | 3/29/2023   | 60 | 349 | <0.001  | <0.001  | <0.001        | <0.003        | 78.8    | Clear No odor |
| 5  | 45.79          | 51.29       | 3.6         | 15            | 6/27/2023   | 60 | 376 | <0.001  | <0.001  | <0.001        | <0.003        | 75.9    | Clear No odor |
| 5  | 45.65          | 51.29       | 3.7         | 15            | 9/26/2023   | 44 | 453 | <0.001  | <0.001  | <0.001        | <0.003        | 65.5    | Clear No odor |
| 5  | 45.7           | 51.29       | 3.6         | 15            | 12/7/2023   | 44 | 515 | <0.001  | <0.001  | <0.001        | <0.003        | 73.2    | Clear No odor |
| 5  | 45.82          | 51.29       | 3.6         | 15            | 3/27/2024   | 76 | 191 | <0.001  | <0.001  | <0.001        | <0.003        | 57.9    | Clear No odor |
| 5  | 45.98          | 51.29       | 3.5         | 15            | 6/26/2024   | 48 | 408 | <0.001  | <0.001  | <0.001        | <0.003        | 82.4    | Clear No odor |
| 5  | 46.04          | 51.29       | 3.4         | 15            | 9/20/2024   | 68 | 388 | <0.001  | <0.001  | <0.001        | <0.003        | 74.1    | Clear No odor |
| 5  | 46.14          | 51.29       | 3.3         | 15            | 11/25/2024  | 40 | 434 | <0.001  | <0.001  | <0.001        | <0.003        | 72.3    | 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 |
|----|----------------|-------------|-------------|---------------|-------------|------|-----|---------|---------|---------------|---------------|---------|----------|
| 6  | 41.1           | 53          | 1.9         | 5.71          | 3/14/2003   | 42.5 | XXX | <0.001  | <0.001  | <0.001        | <0.001        | 96.6    |          |
| 6  | 40.81          | 53.03       | 1.95        | 5.86          | 6/27/2003   | 35.4 | 743 | <0.001  | <0.001  | <0.001        | <0.001        | 97.5    |          |
| 6  | 40.79          | 52.97       | 1.98        | 5.95          | 9/22/2003   | 39   | 484 | <0.001  | <0.001  | <0.001        | <0.001        | 88.4    |          |
| 6  | 40.93          | 53          | 1.96        | 5.9           | 12/18/2003  | 44   | 452 | <0.002  | <0.002  | <0.002        | <0.006        | 36.8    |          |
| 6  | 42.02          | 53          | 1.78        | 5.36          | 3/15/2004   | 222  | 692 | 0.0026  | <0.001  | <0.001        | <0.001        | 94.2    |          |
| 6  | 40.91          | 53.01       | 1.97        | 5.91          | 5/27/2004   | 31.9 | 443 | <0.001  | <0.001  | <0.001        | <0.001        | 86.6    |          |
| 6  | 42.16          | 53.1        | 1.75        | 5.25          | 9/8/2004    | 53.2 | 488 | <0.001  | <0.001  | <0.001        | <0.001        | 85      |          |
| 6  | 39.62          | 53.1        | 2.16        | 6.47          | 11/23/2004  | 76.1 | XXX | <0.001  | <0.001  | <0.001        | <0.001        | 84      |          |
| 6  | 39.14          | 53.1        | XXX         | 8             | 3/29/2005   | 97.8 | 473 | <0.001  | <0.001  | <0.001        | <0.001        | 81.1    |          |
| 6  | 39.6           | 54.49       | XXX         | 7.6           | 6/28/2005   | 122  | 541 | <0.001  | <0.001  | 0.000812      | 0.00285       | 103     |          |
| 6  | 39.61          | 61.65       | XXX         | 10.78         | 9/6/2005    | 40.4 | 442 | <0.001  | <0.001  | <0.001        | <0.001        | 23.4    |          |
| 6  | 39.75          | 53.1        | 2.1         | 7             | 12/6/2005   | 52.7 | 458 | <0.001  | <0.001  | <0.001        | <0.001        | 58.2    |          |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl   | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                        |
|----|----------------|-------------|-------------|---------------|-------------|------|-----|---------|---------|---------------|---------------|---------|---------------------------------|
| 6  | 40.06          | 53.1        | 2.1         | 7             | 2/28/2006   | 59.2 | 552 | <0.001  | <0.001  | <0.001        | <0.001        | 67.6    |                                 |
| 6  | 40.53          | 53.1        | 2           | 10            | 6/5/2006    | 67.2 | 512 | <0.001  | <0.001  | <0.001        | <0.001        | 72.2    |                                 |
| 6  | 40.05          | 53.1        | 2.1         | 10            | 9/11/2006   | 67.6 | 552 | <0.001  | <0.001  | <0.001        | <0.001        | 101     |                                 |
| 6  | 39.88          | 53.1        | 2.1         | 8             | 11/14/2006  | 53.9 | 464 | <0.001  | <0.001  | <0.001        | <0.001        | 95.4    |                                 |
| 6  | 40.34          | 53.1        | 2           | 8             | 3/13/2007   | 57.7 | 466 | <0.001  | <0.001  | <0.001        | <0.001        | 90.3    | Clear No odor                   |
| 6  | 40.78          | 53.1        | 2           | 8             | 6/11/2007   | 61.8 | 528 | <0.001  | <0.001  | <0.001        | <0.001        | 85.4    | Clear                           |
| 6  | 40.64          | 53.1        | 2           | 8             | 9/18/2007   | 72   | 566 | <0.001  | <0.001  | <0.001        | <0.002        | 105     | Clear No odor                   |
| 6  | 40.85          | 53.1        | 2           | 8             | 12/6/2007   | 76   | 525 | <0.001  | <0.001  | <0.001        | <0.003        | 111     | Clear No odor                   |
| 6  | 41.22          | 53.1        | 1.9         | 8             | 3/3/2008    | 76   | 536 | <0.001  | <0.001  | <0.001        | <0.003        | 110     | Clear No odor                   |
| 6  | 41.47          | 53.1        | 1.9         | 8             | 5/28/2008   | 72   | 559 | <0.001  | <0.001  | <0.001        | <0.003        | 87.3    | Clear No odor                   |
| 6  | 41.73          | 53.1        | 1.8         | 8             | 9/8/2008    | 124  | 668 | <0.001  | <0.001  | <0.001        | <0.003        | 128     | Clear No odor                   |
| 6  | 41.91          | 53.1        | 1.8         | 8             | 12/15/2008  | 84   | 568 | <0.001  | <0.001  | <0.001        | <0.003        | 105     | Clear No odor                   |
| 6  | 42.06          | 53.1        | 1.8         | 8             | 3/16/2009   | 76   | 550 | <0.001  | <0.001  | <0.001        | <0.003        | 98      | Clear No odor                   |
| 6  | 42.26          | 53.1        | 1.7         | 8             | 6/9/2009    | 84   | 566 | <0.001  | <0.001  | <0.001        | <0.003        | 94.1    | Clear No odor                   |
| 6  | 42.36          | 53.1        | 1.7         | 8             | 9/14/2009   | 72   | 546 | <0.001  | <0.001  | <0.001        | <0.003        | 81.5    | Clear No odor                   |
| 6  | 42.49          | 53.1        | 1.7         | 8             | 11/19/2009  | 76   | 535 | <0.001  | <0.001  | <0.001        | <0.003        | 178     | Clear No odor                   |
| 6  | 42.65          | 53.1        | 1.7         | 8             | 3/17/2010   | 48   | 693 | <0.001  | <0.001  | <0.001        | <0.003        | 160     | Clear No odor                   |
| 6  | 42.93          | 55.21       | 2           | XXX           | 6/8/2010    | XXX  | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Product present No sample taken |
| 6  | 41.56          | 55.21       | 2.2         | XXX           | 9/7/2010    | XXX  | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Product present No sample taken |
| 6  | 41.82          | 53.1        | 1.8         | 6             | 12/9/2010   | 100  | 549 | <0.001  | <0.001  | <0.001        | <0.003        | 95.2    | Slight odor                     |
| 6  | 42.49          | 53.1        | 1.7         | 6             | 3/15/2011   | 100  | 538 | <0.001  | <0.001  | <0.001        | <0.003        | 89.2    | Heavy sheen Slight odor         |
| 6  | 42.93          | 53.1        | 1.6         | 6             | 6/22/2011   | 104  | 585 | <0.001  | <0.001  | <0.001        | <0.003        | 86.5    | Heavy sheen Slight odor         |
| 6  | 43.19          | 53.1        | 1.6         | 6             | 9/22/2011   | 108  | 474 | <0.001  | <0.001  | <0.001        | <0.003        | 96.6    | Slight odor                     |
| 6  | 43.38          | 53.1        | 1.6         | 6             | 12/13/2011  | 80   | 528 | <0.001  | <0.001  | <0.001        | <0.003        | 97.1    | Slight odor                     |
| 6  | 43.55          | 53.1        | 1.5         | 6             | 3/20/2012   | 76   | 520 | <0.001  | <0.001  | <0.001        | <0.003        | 96.8    | Slight odor                     |
| 6  | 43.74          | 53.1        | 1.5         | 6             | 6/14/2012   | 84   | 529 | <0.001  | <0.001  | <0.001        | <0.003        | 106     | Slight odor                     |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments          |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-------------------|
| 6  | 43.91          | 53.1        | 1.5         | 6             | 9/11/2012   | 96  | 614 | <0.001  | <0.001  | <0.001        | <0.003        | 83      | Slight odor       |
| 6  | 44.07          | 53.1        | 1.4         | 6             | 12/12/2012  | 88  | 592 | <0.001  | <0.001  | <0.001        | <0.003        | 105     | Slight odor       |
| 6  | 44.23          | 53.1        | 1.4         | 6             | 3/6/2013    | 100 | 562 | <0.001  | <0.001  | <0.001        | <0.003        | 114     | Slight odor       |
| 6  | 44.52          | 53.1        | 1.4         | 6             | 6/20/2013   | 92  | 564 | <0.001  | <0.001  | <0.001        | <0.003        | 108     | Slight odor       |
| 6  | 44.59          | 53.1        | 1.4         | 6             | 9/19/2013   | 76  | 533 | <0.001  | <0.001  | <0.001        | <0.003        | 87      | Slight odor       |
| 6  | 44.78          | 53.1        | 1.3         | 6             | 12/16/2013  | 80  | 516 | <0.001  | <0.001  | <0.001        | <0.003        | 89.3    | Slight odor       |
| 6  | 44.9           | 53.1        | 1.3         | 6             | 3/24/2014   | 60  | 504 | <0.001  | <0.001  | <0.001        | <0.003        | 85.9    | Slight odor       |
| 6  | 45.12          | 53.1        | 1.3         | 6             | 6/19/2014   | 84  | 546 | <0.001  | <0.001  | <0.001        | <0.003        | 95.2    | Slight odor       |
| 6  | 45.35          | 53.1        | 1.2         | 6             | 9/11/2014   | 84  | 524 | <0.001  | <0.001  | <0.001        | <0.003        | 90.7    | Slight odor       |
| 6  | 45.44          | 53.1        | 1.2         | 6             | 12/22/2014  | 64  | 470 | <0.001  | <0.001  | <0.001        | <0.003        | 97      | Slight odor       |
| 6  | 45.06          | 53.1        | 1.3         | 6             | 3/19/2015   | 76  | 520 | <0.001  | <0.001  | <0.001        | <0.003        | 74.4    | Slight odor       |
| 6  | 45.15          | 53.1        | 1.3         | 6             | 6/18/2015   | 100 | 468 | <0.001  | <0.001  | <0.001        | <0.003        | 98      | Slight odor       |
| 6  | 45.22          | 53.1        | 1.3         | 6             | 9/22/2015   | 68  | 562 | <0.001  | <0.001  | <0.001        | <0.003        | 84      | Slight odor       |
| 6  | 44.98          | 53.1        | 1.3         | 6             | 12/2/2015   | 64  | 546 | <0.001  | <0.001  | <0.001        | <0.003        | 71      | Slight odor       |
| 6  | 44.75          | 53.1        | 1.3         | 6             | 3/29/2016   | 68  | 538 | <0.001  | <0.001  | <0.001        | <0.003        | 82.7    | Clear Slight odor |
| 6  | 45.43          | 53.1        | 1.2         | 6             | 6/27/2016   | 68  | 538 | <0.001  | <0.001  | <0.001        | <0.003        | 79.7    | Clear Slight odor |
| 6  | 44.8           | 53.1        | 1.3         | 6             | 9/27/2016   | 72  | 560 | <0.001  | <0.001  | <0.001        | <0.003        | 93      | Clear Slight odor |
| 6  | 44.19          | 53.1        | 1.4         | 6             | 12/6/2016   | 68  | 568 | <0.001  | <0.001  | <0.001        | <0.003        | 22      | Clear Slight odor |
| 6  | 44.33          | 53.1        | 1.4         | 6             | 3/21/2017   | 84  | 532 | <0.001  | <0.001  | <0.001        | <0.003        | 84      | Slight odor       |
| 6  | 44.84          | 53.1        | 1.3         | 6             | 6/28/2017   | 76  | 540 | <0.001  | <0.001  | <0.001        | <0.003        | 88      | Slight odor       |
| 6  | 44.72          | 53.1        | 1.3         | 6             | 9/26/2017   | 96  | 620 | <0.001  | <0.001  | <0.001        | <0.003        | 97      | Slight odor       |
| 6  | 44.83          | 53.1        | 1.3         | 6             | 12/22/2017  | 68  | 562 | <0.001  | <0.001  | <0.001        | <0.003        | 99      | Slight odor       |
| 6  | 45.2           | 53.1        | 1.3         | 6             | 3/21/2018   | 76  | 552 | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Slight odor       |
| 6  | 45.4           | 53.1        | 1.2         | 6             | 6/28/2018   | 100 | 406 | <0.001  | <0.001  | <0.001        | <0.003        | 75.2    | Slight odor       |
| 6  | 45.49          | 53.1        | 1.2         | 6             | 9/19/2018   | 76  | 568 | <0.001  | <0.001  | <0.001        | <0.003        | 89.4    | Slight odor       |
| 6  | 45.44          | 53.1        | 1.2         | 6             | 12/22/2018  | 64  | 486 | <0.001  | <0.001  | <0.001        | <0.003        | 119     | Slight odor       |
| 6  | 45.48          | 53.1        | 1.2         | 6             | 3/27/2019   | 64  | 360 | <0.001  | <0.001  | <0.001        | <0.003        | 93      | Slight odor       |
| 6  | 45.16          | 53.1        | 1.3         | 6             | 6/27/2019   | 72  | 556 | <0.001  | <0.001  | <0.001        | <0.003        | 90      | Slight odor       |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | CI  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments    |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-------------|
| 6  | 46.21          | 53.1        | 1.1         | 6             | 9/27/2019   | 48  | 500 | <0.001  | <0.001  | <0.001        | <0.003        | 96      | Slight odor |
| 6  | 45.38          | 53.1        | 1.2         | 6             | 12/13/2019  | 48  | 484 | <0.001  | <0.001  | <0.001        | <0.003        | 85      | Slight odor |
| 6  | 45.91          | 53.1        | 1.2         | 6             | 3/25/2020   | 48  | 555 | <0.001  | <0.001  | <0.001        | <0.003        | 86      | Slight odor |
| 6  | 46.3           | 53.1        | 1.1         | 6             | 9/29/2020   | 48  | 499 | <0.001  | <0.001  | <0.001        | <0.003        | 76.5    | Slight odor |
| 6  | 45.73          | 53.1        | 1.2         | 6             | 3/29/2021   | 224 | 754 | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Slight odor |
| 6  | 45.9           | 53.1        | 1.2         | 6             | 6/29/2021   | 76  | 545 | <0.001  | <0.001  | <0.001        | <0.003        | 92.8    | Slight odor |
| 6  | 46.22          | 53.1        | 1.1         | 6             | 9/28/2021   | 76  | 550 | <0.001  | <0.001  | <0.001        | <0.003        | 75.9    | Slight odor |
| 6  | 46.27          | 53.1        | 1.1         | 6             | 12/2/2021   | 76  | 524 | <0.001  | <0.001  | <0.001        | <0.003        | 107     | Slight odor |
| 6  | 47.01          | 53.1        | 1           | 3             | 3/29/2022   | 80  | 487 | <0.001  | <0.001  | <0.001        | <0.003        | 71.3    | Slight odor |
| 6  | 47.08          | 53.1        | 1           | 3             | 6/29/2022   | 76  | 552 | <0.001  | <0.001  | <0.001        | <0.003        | 95.9    | Slight odor |
| 6  | 47.28          | 53.1        | 1           | 3             | 9/26/2022   | 80  | 569 | <0.001  | <0.001  | <0.001        | <0.003        | 79      | Slight odor |
| 6  | 47.12          | 53.1        | 1           | 3             | 12/14/2022  | 96  | 576 | <0.001  | <0.001  | <0.001        | <0.003        | 76.7    | Slight odor |
| 6  | 47.52          | 53.1        | 0.9         | 3             | 3/28/2023   | 112 | 577 | <0.001  | <0.001  | <0.001        | <0.003        | 69.8    | Slight odor |
| 6  | 47.58          | 53.1        | 0.9         | 3             | 6/26/2023   | 96  | 570 | <0.001  | <0.001  | <0.001        | <0.003        | 71.8    | Slight odor |
| 6  | 47.63          | 53.1        | 0.9         | 3             | 9/26/2023   | 68  | 559 | <0.001  | <0.001  | <0.001        | <0.003        | 79      | Slight odor |
| 6  | 47.66          | 53.1        | 0.9         | 3             | 12/7/2023   | 112 | 564 | <0.001  | <0.001  | <0.001        | <0.003        | 78      | Slight odor |
| 6  | 47.8           | 53.1        | 0.8         | 3             | 3/27/2024   | 128 | 426 | <0.001  | <0.001  | <0.001        | <0.003        | 55.8    | Slight odor |
| 6  | 47.96          | 53.1        | 0.8         | 3             | 6/26/2024   | 72  | 545 | <0.001  | <0.001  | <0.001        | <0.003        | 72      | Slight odor |
| 6  | 48.03          | 53.1        | 0.8         | 3             | 9/20/2024   | 72  | 559 | <0.001  | <0.001  | <0.001        | <0.003        | 99.8    | Slight odor |
| 6  | 48.13          | 53.1        | 0.8         | 3             | 11/25/2024  | 68  | 534 | <0.001  | <0.001  | <0.001        | <0.003        | 89.5    | Slight odor |

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

SW ¼, NW ¼, SEC. 5 &amp; 6, T19S, R38E

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | CI    | TDS   | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                      |
|----|----------------|-------------|-------------|---------------|-------------|-------|-------|---------|---------|---------------|---------------|---------|-------------------------------|
| 7  | 40.94          | 47.17       | 0.99        | 2.98          | 12/6/2002   | XXX   | XXX   | XXX     | XXX     | XXX           | XXX           | XXX     |                               |
| 7  | 41.22          | 47.18       | 0.95        | 2.86          | 3/14/2003   | 266   | XXX   | 0.001   | <0.001  | <0.001        | <0.001        | XXX     |                               |
| 7  | 40.88          | 47.15       | 1           | 3             | 6/27/2003   | 222   | 802   | <0.001  | <0.001  | <0.001        | <0.001        | 122     |                               |
| 7  | 40.86          | 47.11       | 1.01        | 3.05          | 9/22/2003   | 222   | 861   | <0.001  | <0.001  | <0.001        | <0.001        | 133     |                               |
| 7  | 41.03          | 47.18       | 1           | 3             | 12/18/2003  | 208   | 827   | <0.002  | <0.002  | <0.002        | <0.006        | 110     |                               |
| 7  | 42.17          | 47.18       | 0.81        | 2.44          | 3/15/2004   | 1,080 | 2,220 | 0.0131  | <0.001  | <0.001        | <0.001        | 44.4    |                               |
| 7  | 41             | 47.15       | 1           | 3             | 5/27/2004   | 213   | 986   | <0.001  | <0.001  | <0.001        | <0.001        | 220     |                               |
| 7  | 42.34          | 47.25       | 0.79        | 2.36          | 9/8/2004    | 230   | 731   | <0.001  | <0.001  | <0.001        | <0.001        | 105     |                               |
| 7  | 39.82          | 47.25       | 1.19        | 178.98        | 11/23/2004  | 188   | XXX   | <0.001  | <0.001  | <0.001        | <0.001        | 111     | purge vol was likely an error |
| 7  | 39.33          | 47.25       | XXX         | 4             | 3/29/2005   | 234   | 791   | <0.001  | <0.001  | <0.001        | <0.001        | 96.1    |                               |
| 7  | 39.6           | 47          | XXX         | 3.7           | 6/28/2005   | 216   | 783   | <0.001  | <0.001  | 0.00114       | 0.0038        | 96.9    |                               |
| 7  | 39.86          | 47          | XXX         | 3.5           | 9/6/2005    | 187   | 802   | <0.001  | <0.001  | <0.001        | <0.001        | 76.9    |                               |
| 7  | 39.93          | 47.25       | 1.2         | 4             | 12/6/2005   | 201   | 670   | <0.001  | <0.001  | <0.001        | <0.0001       | 85.2    |                               |
| 7  | 40.27          | 47.25       | 1.1         | 4             | 2/28/2006   | 202   | 876   | <0.001  | <0.001  | <0.001        | <0.001        | 72.4    |                               |
| 7  | 40.63          | 47.25       | 1.1         | 10            | 6/5/2006    | 225   | 794   | <0.001  | <0.001  | <0.001        | <0.001        | 74      |                               |
| 7  | 40.17          | 47.25       | 1.1         | 10            | 9/11/2006   | 202   | 710   | <0.001  | <0.001  | <0.001        | <0.001        | 77.9    |                               |
| 7  | 40.01          | 47.25       | 1.2         | 7             | 11/14/2006  | 223   | 764   | <0.001  | <0.001  | <0.001        | <0.001        | 86.5    | Clear No odor                 |
| 7  | 40.53          | 47.31       | 1.1         | 5             | 3/13/2007   | 206   | 724   | <0.001  | <0.001  | <0.001        | <0.001        | 79.9    | Clear No odor                 |
| 7  | 40.92          | 47.31       | 1           | 5             | 6/11/2007   | 228   | 846   | <0.001  | <0.001  | <0.001        | <0.001        | 75.9    | Clear                         |
| 7  | 40.92          | 47.31       | 1           | 5             | 9/18/2007   | 252   | 868   | <0.001  | <0.001  | <0.001        | <0.003        | 97.7    | Clear No odor                 |
| 7  | 41.03          | 47.31       | 1           | 5             | 12/6/2007   | 256   | 882   | <0.001  | <0.001  | <0.001        | <0.003        | 105     | Clear No odor                 |
| 7  | 41.3           | 47.31       | 1           | 5             | 3/3/2008    | 260   | 876   | <0.001  | <0.001  | <0.001        | <0.003        | 111     | Clear No odor                 |
| 7  | 41.56          | 47.31       | 0.9         | 5             | 5/28/2008   | 268   | 962   | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Clear No odor                 |
| 7  | 41.85          | 47.31       | 0.9         | 5             | 9/8/2008    | 260   | 894   | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Clear No odor                 |
| 7  | 41.99          | 47.31       | 0.9         | 5             | 12/15/2008  | 260   | 921   | <0.001  | <0.001  | <0.001        | <0.003        | 96.3    | Clear No odor                 |
| 7  | 42.18          | 47.35       | 0.8         | 5             | 3/17/2009   | 256   | 886   | <0.001  | <0.001  | <0.001        | <0.003        | 87.2    | Clear No odor                 |
| 7  | 42.35          | 47.35       | 0.8         | 5             | 6/10/2009   | 260   | 885   | <0.001  | <0.001  | <0.001        | <0.003        | 81.1    | Clear No odor                 |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|---------------|
| 7  | 42.49          | 47.35       | 0.8         | 5             | 9/14/2009   | 260 | 908 | <0.001  | <0.001  | <0.001        | <0.003        | 73.7    | Clear No odor |
| 7  | 42.61          | 47.35       | 0.8         | 5             | 11/19/2009  | 252 | 842 | <0.001  | <0.001  | <0.001        | <0.003        | 70.1    | Clear No odor |
| 7  | 42.77          | 47.35       | 0.7         | 5             | 3/17/2010   | 268 | 862 | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Clear No odor |
| 7  | 42.84          | 47.35       | 0.7         | 5             | 6/8/2010    | 248 | 788 | <0.001  | <0.001  | <0.001        | <0.003        | 54.8    | Clear No odor |
| 7  | 41.42          | 47.35       | 0.9         | 5             | 9/7/2010    | 272 | 886 | <0.001  | <0.001  | <0.001        | <0.003        | 77.4    | Clear No odor |
| 7  | 41.76          | 47.35       | 0.9         | 5             | 12/9/2010   | 272 | 899 | <0.001  | <0.001  | <0.001        | <0.003        | 169     | Clear No odor |
| 7  | 42.52          | 47.35       | 0.8         | 5             | 3/15/2011   | 268 | 864 | <0.001  | <0.001  | <0.001        | <0.003        | 94.3    | Clear No odor |
| 7  | 42.98          | 47.35       | 0.7         | 5             | 6/22/2011   | 260 | 854 | <0.001  | <0.001  | <0.001        | <0.003        | 85.1    | Clear No odor |
| 7  | 43.26          | 47.35       | 0.7         | 5             | 9/21/2011   | 260 | 872 | <0.001  | <0.001  | <0.001        | <0.003        | 80.2    | Clear No odor |
| 7  | 43.41          | 47.35       | 0.6         | 5             | 12/13/2011  | 272 | 919 | 0.003   | <0.001  | <0.001        | <0.003        | 89.3    | Clear No odor |
| 7  | 43.65          | 47.35       | 0.6         | 5             | 3/20/2012   | 268 | 883 | <0.001  | <0.001  | <0.001        | <0.003        | 95.2    | Clear No odor |
| 7  | 43.83          | 47.35       | 0.6         | 5             | 6/14/2012   | 260 | 863 | <0.001  | <0.001  | <0.001        | <0.003        | 116     | Clear No odor |
| 7  | 43.9           | 47.35       | 0.6         | 5             | 9/11/2012   | 256 | 985 | <0.001  | <0.001  | <0.001        | <0.001        | 74.4    | Clear No odor |
| 7  | 44.08          | 47.35       | 0.5         | 5             | 12/12/2012  | 272 | 877 | <0.001  | <0.001  | <0.001        | <0.003        | 86      | Clear No odor |
| 7  | 44.22          | 47.35       | 0.5         | 5             | 3/5/2013    | 272 | 848 | <0.001  | <0.001  | <0.001        | <0.003        | 105     | Clear No odor |
| 7  | 44.56          | 47.35       | 0.4         | 5             | 6/20/2013   | 200 | 809 | <0.001  | <0.001  | <0.001        | <0.003        | 130     | Clear No odor |
| 7  | 44.63          | 47.35       | 0.4         | 5             | 9/18/2013   | 264 | 849 | <0.001  | <0.001  | <0.001        | <0.003        | 74.2    | Clear No odor |
| 7  | 44.84          | 47.35       | 0.4         | 5             | 12/16/2013  | 244 | 859 | <0.001  | <0.001  | <0.001        | <0.003        | 75.9    | Clear No odor |
| 7  | 44.96          | 47.35       | 0.4         | 5             | 3/24/2014   | 164 | 660 | <0.001  | <0.001  | <0.001        | <0.003        | 107     | Clear No odor |
| 7  | 45.17          | 47.35       | 0.3         | 5             | 6/18/2014   | 200 | 830 | <0.001  | <0.001  | <0.001        | <0.003        | 155     | Clear No odor |
| 7  | 45.44          | 47.35       | 0.3         | 4             | 9/11/2014   | 216 | 868 | <0.001  | <0.001  | <0.001        | <0.003        | 168     | Clear No odor |
| 7  | 45.54          | 47.35       | 0.3         | 4             | 12/22/2014  | 252 | 748 | <0.001  | <0.001  | <0.001        | <0.003        | 77      | Clear No odor |
| 7  | 45.12          | 47.35       | 0.4         | 4             | 3/19/2015   | 208 | 788 | <0.001  | <0.001  | <0.001        | <0.003        | 145     | Clear No odor |
| 7  | 45.23          | 47.35       | 0.3         | 5             | 6/18/2015   | 276 | 924 | <0.001  | <0.001  | <0.001        | <0.003        | 80      | Clear No odor |
| 7  | 45.3           | 47.35       | 0.3         | 4             | 9/23/2015   | 88  | 560 | <0.001  | <0.001  | <0.001        | <0.003        | 90      | Clear No odor |
| 7  | 45.07          | 47.35       | 0.4         | 4             | 12/3/2015   | 252 | 876 | <0.001  | <0.001  | <0.001        | <0.003        | 65      | Clear No odor |
| 7  | 44.85          | 47.35       | 0.4         | 4             | 3/30/2016   | 308 | 978 | <0.001  | <0.001  | <0.001        | <0.003        | 67.4    | Clear No odor |
| 7  | 44.59          | 47.35       | 0.3         | 4             | 6/28/2016   | 248 | 826 | <0.001  | <0.001  | <0.001        | <0.003        | 77.9    | Clear No odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS  | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                     |
|----|----------------|-------------|-------------|---------------|-------------|-----|------|---------|---------|---------------|---------------|---------|------------------------------|
| 7  | 44.9           | 47.35       | 0.4         | 4             | 9/28/2016   | 212 | 826  | <0.001  | <0.001  | <0.001        | <0.003        | 162     | Clear No odor                |
| 7  | 44.28          | 47.35       | 0.5         | 4             | 12/7/2016   | 264 | 876  | <0.001  | <0.001  | <0.001        | <0.003        | 83      | Clear No odor                |
| 7  | 44.44          | 47.35       | 0.5         | 4             | 3/22/2017   | 288 | 904  | <0.001  | <0.001  | <0.001        | <0.003        | 75      | Clear No odor                |
| 7  | 44.93          | 47.35       | 0.4         | 4             | 6/29/2017   | 284 | 1080 | <0.001  | <0.001  | <0.001        | <0.003        | 183     | Clear No odor                |
| 7  | 44.83          | 47.35       | 0.4         | 4             | 9/27/2017   | 188 | 790  | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Clear No odor                |
| 7  | 44.98          | 47.35       | 0.4         | 4             | 12/26/2017  | 256 | 900  | <0.001  | <0.001  | <0.001        | <0.003        | 167     | Clear No odor                |
| 7  | 45.34          | 47.35       | 0.3         | 4             | 3/22/2018   | 268 | 842  | <0.001  | <0.001  | <0.001        | <0.003        | 85.2    | Clear No odor                |
| 7  | 45.55          | 47.35       | 0.3         | 4             | 6/29/2018   | 240 | 830  | <0.001  | <0.001  | <0.001        | <0.003        | 101     | Clear No odor                |
| 7  | 45.64          | 47.35       | 0.3         | 4             | 9/20/2018   | 232 | 844  | <0.001  | <0.001  | <0.001        | <0.003        | 79.2    | Clear No odor                |
| 7  | 45.58          | 47.35       | 0.3         | 4             | 12/23/2018  | 80  | 457  | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Clear No odor                |
| 7  | 45.63          | 47.35       | 0.3         | 4             | 3/28/2019   | 232 | 652  | <0.001  | <0.001  | <0.001        | <0.003        | 85      | Clear No odor                |
| 7  | 45.32          | 47.35       | 0.3         | 4             | 6/27/2019   | 220 | 821  | <0.001  | <0.001  | <0.001        | <0.003        | 88      | Clear No odor                |
| 7  | 46.43          | 47.35       | 0.1         | 3             | 9/27/2019   | 208 | 781  | <0.001  | <0.001  | <0.001        | <0.003        | 74      | Clear No odor                |
| 7  | 45.54          | 47.35       | 0.3         | 3             | 12/13/2019  | 236 | 661  | <0.001  | <0.001  | <0.001        | <0.003        | 76      | Clear No odor                |
| 7  | 45.98          | 47.35       | 0.2         | 4             | 3/25/2020   | 204 | 802  | <0.001  | <0.001  | <0.001        | <0.003        | 70.6    | Clear No odor                |
| 7  | 46.38          | 47.35       | 0.2         | 3             | 9/29/2020   | 236 | 842  | <0.001  | <0.001  | <0.001        | <0.003        | 70.8    | Clear No odor                |
| 7  | 46.68          | 47.35       | 0.2         | 3             | 3/29/2021   | 240 | 632  | <0.001  | <0.001  | <0.001        | <0.003        | 159     | Clear No odor                |
| 7  | 46.82          | 47.35       | 0.1         | 3             | 6/29/2021   | 248 | 834  | <0.001  | <0.001  | <0.001        | <0.003        | 87.2    | Clear No odor                |
| 7  | 47             | 47.35       | 0.1         | 1             | 9/28/2021   | 256 | 953  | <0.001  | <0.001  | <0.001        | <0.003        | 109     | Clear No odor                |
| 7  | 47.05          | 47.35       | 0.1         | 1             | 12/2/2021   | 300 | 856  | <0.001  | <0.001  | <0.001        | <0.003        | 83.1    | Clear No odor                |
| 7  | 47.05          | 47.35       | 0.1         | 1             | 3/29/2022   | 260 | 854  | <0.001  | <0.001  | <0.001        | <0.003        | 61.9    | Clear No odor                |
| 7  | 47.12          | 47.35       | 0.1         | 1             | 6/29/2022   | 180 | 755  | <0.001  | <0.001  | <0.001        | <0.003        | 96.2    | Clear No odor                |
| 7  | 47.28          | 47.35       | 0.1         | 1             | 9/26/2022   | 128 | 604  | <0.001  | <0.001  | <0.001        | <0.003        | 80.7    | Clear No odor                |
| 7  | 47.26          | 47.35       | 0.1         | 1             | 12/14/2022  | 148 | 638  | <0.001  | <0.001  | <0.001        | <0.003        | 77.6    | Clear No odor                |
| 7  | 47.49          | 47.72       | 0.04        | bailed dry    | 3/28/2023   | 152 | 688  | <0.001  | <0.001  | <0.001        | <0.003        | 67.4    | Clear No odor                |
| 7  | 47.54          | 47.72       | 0           | dry           | 6/26/2023   | XXX | XXX  | XXX     | XXX     | XXX           | XXX           | XXX     | No sample collected Well dry |
| 7  | 47.68          | 47.72       | 0.01        | dry           | 9/25/2023   | XXX | XXX  | XXX     | XXX     | XXX           | XXX           | XXX     | No sample collected Well dry |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                     |
|----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|------------------------------|
| 7  | 47.68          | 47.72       | 0.01        | dry           | 12/6/2023   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | No sample collected Well dry |
| 7  | 47.72          | 47.72       | 0           | dry           | 3/26/2024   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | No sample collected Well dry |
| 7  | 47.72          | 47.72       | 0           | dry           | 6/25/2024   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | No sample collected Well dry |
| 7  | 47.72          | 47.72       | 0           | dry           | 9/19/2024   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | No sample collected Well dry |
| 7  | 47.72          | 47.72       | 0           | dry           | 11/22/2024  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | No sample collected Well dry |

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS   | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                                          |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-------|---------|---------|---------------|---------------|---------|---------------------------------------------------|
| BS1 | 40.9           | 65.7        | 16.1        | 25            | 12/6/2005   | 93  | 608   | 0.0323  | 0.0209  | 0.107         | 0.0825        | 54.4    |                                                   |
| BS1 | 43.33          | 65.7        | 14.5        | 45            | 3/1/2006    | 105 | 912   | 0.44    | 0.0357  | 0.168         | 0.1195        |         |                                                   |
| BS1 | 41.08          | 65.7        | 16          | 50            | 6/5/2006    | 171 | 858   | 0.544   | 0.0125  | 1.142         | 0.03479       | 45      | Dark Gray with Stong Pet. Odor/ Heavy skim of Oil |
| BS1 | 39.9           | 65.7        | 16.8        | 70            | 9/12/2006   | 142 | 1,010 | 1.15    | 0.0283  | 0.207         | 0.04044       | z       | Clear Strong Petroleum Odor                       |
| BS1 | 39.92          | 63.75       | 15.5        | 50            | 11/15/2006  | 283 | 1,450 | 1.06    | 0.0298  | 0.159         | 0.0772        | 28.6    | Clear Strong Petroleum Odor                       |
| BS1 | 40.47          | 63.74       | 15.1        | 50            | 3/14/2007   | 427 | 2,040 | 1.19    | 0.0402  | 0.323         | 0.0958        | 24.2    |                                                   |
| BS1 | 42.59          | 63.74       | 13.7        | 50            | 6/12/2007   | 346 | 1,580 | 0.569   | 0.00923 | 0.146         | 0.0891        | 24.7    | Clear                                             |
| BS1 | 42.45          | 63.74       | 13.8        | 45            | 9/18/2007   | 428 | 1,804 | 1.88    | 0.026   | 0.394         | 0.202         | 13.2    | Clear Strong petroleum odor                       |
| BS1 | 44.18          | 63.74       | 12.7        | 45            | 12/6/2007   | 500 | 1,997 | 1.31    | 0.001   | 0.255         | 0.11          | 66.1    | Clear Strong petroleum odor                       |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS   | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                                                                                                 |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-------|---------|---------|---------------|---------------|---------|----------------------------------------------------------------------------------------------------------|
| BS1 | XXX            | 63.74       | XXX         | XXX           | 3/4/2008    | 550 | 2,070 | <0.001  | <0.001  | <0.001        | <0.003        | 105     | Hydrocarbon present<br>Strong odor Hydrocarbon emulsion make it impossible to measure water column       |
| BS1 | 43.29          | 63.74       | 13.3        | 45            | 5/29/2008   | 810 | 2,590 | 0.025   | 0.124   | 0.318         | 0.197         | 99.2    | Hydrocarbons present<br>Clear Strong odor                                                                |
| BS1 | 43.4           | 63.74       | 13.2        | 45            | 9/5/2008    | 710 | 2,270 | 0.736   | 0.004   | 0.238         | 0.117         | 58      | Clear Strong petroleum odor                                                                              |
| BS1 | 43.1           | 63.74       | 13.4        | 45            | 12/15/2008  | 580 | 2,070 | 0.347   | 0.004   | 0.188         | 0.09          | 76.8    | Clear Strong petroleum odor                                                                              |
| BS1 | 43.21          | 63.74       | 13.3        | XXX           | 3/16/2009   | XXX | XXX   | XXX     | XXX     | XXX           | XXX           | XXX     | Product is present and emulsion was so thick the well could not be pumped or bailed                      |
| BS1 | 47.34          | 63.74       | 10.7        | XXX           | 6/9/2009    | XXX | XXX   | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon Present<br>Strong Odor<br>Emulsion/Strong Petroleum Odor. Well could not be pumped or bailed |
| BS1 | 48.2           | 63.74       | 10.1        | XXX           | 9/15/2009   | XXX | XXX   | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor<br>Emulsion/Strong petroleum odor Could not be sampled                |
| BS1 | 48.36          | 63.74       | 10          | XXX           | 11/20/2009  | XXX | XXX   | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor<br>Emulsion/Strong petroleum odor Could not be sampled                |

**ROC - Hobbs N-6 (1R-487)**  
**SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                                                             |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|----------------------------------------------------------------------|
| BS1 | 48.47          | 63.74       | 9.9         | XXX           | 3/18/2010   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon Present with Strong odor                                 |
| BS1 | 48.83          | 63.74       | 9.7         | XXX           | 6/7/2010    | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Emulsion<br>Strong petroleum odor |
| BS1 | 47.38          | 63.74       | 10.6        | XXX           | 9/8/2010    | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Emulsion<br>Strong petroleum odor |
| BS1 | 47.49          | 63.74       | 10.6        | XXX           | 12/8/2010   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Emulsion present Strong<br>petroleum odor     |
| BS1 | 47.93          | 63.74       | 10.3        | XXX           | 3/16/2011   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Emulsion present Strong<br>petroleum odor     |
| BS1 | 48.22          | 63.74       | 10.1        | XXX           | 6/23/2011   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Emulsion present Strong<br>petroleum odor     |
| BS1 | 48.51          | 63.74       | 9.9         | XXX           | 9/22/2011   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Emulsion present Strong<br>petroleum odor     |
| BS1 | 48.63          | 63.74       | 9.8         | XXX           | 12/12/2011  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Emulsion present Strong<br>petroleum odor     |
| BS1 | 48.79          | 63.74       | 9.7         | XXX           | 3/21/2012   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Emulsion present Strong<br>petroleum odor     |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                                                                       |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|--------------------------------------------------------------------------------|
| BS1 | 48.96          | 63.74       | 9.6         | XXX           | 6/14/2012   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Emulsion present Strong petroleum odor                  |
| BS1 | 46.03          | 63.74       | 11.5        | XXX           | 9/12/2012   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon Present with Strong Petroleum odor                                 |
| BS1 | 45.67          | 63.74       | 11.7        | XXX           | 12/13/2012  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon Present with Strong odor, Product is present, well was not sampled |
| BS1 | 46.11          | 63.74       | 11.5        | XXX           | 3/6/2013    | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon Present with Strong odor, Product is present, well was not sampled |
| BS1 | 46.31          | 63.74       | 11.3        | XXX           | 6/20/2013   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon Present with Strong odor, Product is present, well was not sampled |
| BS1 | 46.79          | 63.74       | 11          | XXX           | 9/19/2013   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present with Strong odor; Product present well was not sampled.    |
| BS1 | 47.02          | 63.74       | 10.9        | XXX           | 12/17/2013  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present with Strong odor; Product present well was not sampled     |
| BS1 | 47.14          | 63.74       | 10.8        | XXX           | 3/25/2014   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present Strong odor                                                |
| BS1 | 47.36          | 63.74       | 10.6        | XXX           | 6/19/2014   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present Strong odor                                                |
| BS1 | 47.62          | 63.74       | 10.5        | XXX           | 9/12/2014   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present Strong odor Well not sampled                               |

**ROC - Hobbs N-6 (1R-487)**  
**SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                                            |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-----------------------------------------------------|
| BS1 | 47.7           | 63.74       | 10.4        | XXX           | 12/22/2014  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.7           | 63.74       | 10.4        | XXX           | 3/20/2015   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.44          | 63.74       | 10.6        | XXX           | 6/18/2015   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.51          | 63.74       | 10.5        | XXX           | 9/22/2015   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.23          | 63.74       | 10.7        | XXX           | 12/3/2015   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.01          | 63.74       | 10.9        | XXX           | 3/30/2016   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.72          | 63.74       | 10.4        | XXX           | 6/28/2016   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.06          | 63.74       | 10.8        | XXX           | 9/28/2016   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 46.38          | 63.74       | 11.3        | XXX           | 12/6/2016   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 46.51          | 63.74       | 11.2        | XXX           | 3/21/2017   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 46.89          | 63.74       | 11          | XXX           | 6/29/2017   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |

**ROC - Hobbs N-6 (1R-487)**  
**SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                                            |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-----------------------------------------------------|
| BS1 | 46.76          | 63.74       | 11          | XXX           | 9/26/2017   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 46.93          | 63.74       | 10.9        | XXX           | 12/22/2017  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.38          | 63.74       | 10.6        | XXX           | 3/22/2018   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.5           | 63.74       | 10.5        | XXX           | 6/29/2018   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.65          | 63.74       | 10.4        | XXX           | 9/20/2018   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.5           | 63.74       | 10.5        | XXX           | 12/23/2018  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.66          | 63.74       | 10.5        | XXX           | 3/28/2019   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.36          | 63.74       | 10.6        | XXX           | 6/27/2019   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.82          | 63.74       | 10.3        | XXX           | 9/27/2019   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | 47.56          | 63.74       | 10.5        | XXX           | 12/12/2019  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | Hydrocarbon present<br>Strong odor Well not sampled |
| BS1 | XXX            | XXX         | XXX         | XXX           | 3/25/2020   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                                                 |
| BS1 | XXX            | XXX         | XXX         | XXX           | 9/29/2020   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                                                 |
| BS1 | XXX            | XXX         | XXX         | XXX           | 3/29/2021   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                                                 |
| BS1 | XXX            | XXX         | XXX         | XXX           | 6/29/2021   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX                                                 |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|----------|
| BS1 | XXX            | XXX         | XXX         | XXX           | 9/28/2021   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 12/2/2021   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 3/29/2022   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 6/30/2022   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 9/26/2022   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 12/14/2022  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 3/29/2023   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 6/26/2023   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 9/25/2023   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 12/6/2023   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 3/27/2024   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 6/25/2024   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 9/19/2024   | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |
| BS1 | XXX            | XXX         | XXX         | XXX           | 11/25/2024  | XXX | XXX | XXX     | XXX     | XXX           | XXX           | XXX     | XXX      |

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl   | TDS | Benzene | Toluene     | Ethyl Benzene | Total Xylenes | Sulfate | Comments                    |
|-----|----------------|-------------|-------------|---------------|-------------|------|-----|---------|-------------|---------------|---------------|---------|-----------------------------|
| BS2 | 42.59          | 73.32       | 20          | 60            | 11/15/2006  | 81.8 | 522 | 0.0373  | 0.00314     | 0.0404        | 0.0994        | 107     | Clear Strong petroleum odor |
| BS2 | 41.4           | 71.59       | 19.6        | 60            | 3/14/2007   | 64.5 | 444 | 0.00274 | j[0.000935] | 0.00225       | 0.00282       | 74.4    |                             |
| BS2 | 41.8           | 71.59       | 19.4        | 60            | 6/12/2007   | 83.8 | 546 | 0.00179 | 0.00119     | 0.002         | 0.0011        | 75.9    | Clear                       |
| BS2 | 41.65          | 71.59       | 19.5        | 60            | 9/18/2007   | 108  | 588 | <0.001  | <0.001      | <0.001        | <0.003        | 111     | Clear Strong petroleum odor |
| BS2 | 41.5           | 71.59       | 19.6        | 60            | 12/6/2007   | 108  | 571 | 0.001   | <0.001      | 0.002         | <0.003        | 97.5    | Clear Strong petroleum odor |
| BS2 | 41.78          | 71.08       | 19          | 60            | 3/4/2008    | 100  | 553 | 0.002   | <0.001      | 0.004         | <0.003        | 113     | Clear Strong petroleum odor |
| BS2 | 42.06          | 71.08       | 18.9        | 60            | 5/29/2008   | 100  | 605 | 0.002   | <0.001      | 0.002         | <0.003        | 99.6    | Clear Strong petroleum odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                    |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-----------------------------|
| BS2 | 42.35          | 71.08       | 18.7        | 60            | 9/5/2008    | 88  | 511 | 0.008   | <0.001  | 0.002         | <0.003        | 101     | Clear Strong petroleum odor |
| BS2 | 42.46          | 71.08       | 18.6        | 60            | 12/15/2008  | 92  | 568 | 0.005   | <0.001  | 0.001         | <0.003        | 96.3    | Clear Strong petroleum odor |
| BS2 | 42.81          | 70.83       | 18.2        | 60            | 3/16/2009   | 88  | 497 | <0.001  | <0.001  | <0.001        | <0.003        | 85.9    | Clear Strong petroleum odor |
| BS2 | 42.92          | 70.83       | 18.1        | 60            | 6/9/2009    | 88  | 530 | <0.001  | <0.001  | <0.001        | <0.003        | 79.8    | Clear Strong Petroleum Odor |
| BS2 | 43.41          | 70.83       | 17.8        | 60            | 9/15/2009   | 92  | 533 | <0.001  | <0.001  | <0.001        | <0.003        | 83.7    | Clear Strong petroleum odor |
| BS2 | 43.61          | 70.83       | 17.7        | 60            | 11/19/2009  | 92  | 568 | <0.001  | <0.001  | <0.001        | <0.003        | 76.2    | Clear Strong petroleum odor |
| BS2 | 43.85          | 70.83       | 17.5        | 60            | 3/18/2010   | 92  | 555 | <0.001  | <0.001  | <0.001        | <0.003        | 112     | Clear Strong Petroleum odor |
| BS2 | 43.48          | 70.83       | 17.8        | 60            | 6/7/2010    | 84  | 553 | <0.001  | <0.001  | <0.001        | <0.003        | 94.6    | Clear Strong petroleum odor |
| BS2 | 42.38          | 70.83       | 18.5        | 60            | 9/8/2010    | 92  | 554 | <0.001  | <0.001  | <0.001        | <0.003        | 83.5    | Clear Strong petroleum odor |
| BS2 | 42.59          | 70.83       | 18.4        | 60            | 12/8/2010   | 104 | 496 | <0.001  | <0.001  | <0.001        | <0.003        | 93.6    | Clear Strong petroleum odor |
| BS2 | 42.86          | 70.83       | 18.2        | 60            | 3/16/2011   | 80  | 525 | <0.001  | <0.001  | <0.001        | <0.003        | 89.7    | Clear Strong petroleum odor |
| BS2 | 43.33          | 70.83       | 17.9        | 60            | 6/23/2011   | 140 | 649 | <0.001  | <0.001  | <0.001        | <0.003        | 92.4    | Clear Strong petroleum odor |
| BS2 | 43.56          | 70.83       | 17.7        | 60            | 9/22/2011   | 156 | 688 | <0.001  | <0.001  | <0.001        | <0.003        | 112     | Clear Strong petroleum odor |
| BS2 | 43.75          | 70.83       | 17.6        | 60            | 12/12/2011  | 144 | 665 | 0.001   | <0.001  | <0.001        | <0.003        | 118     | Clear Strong petroleum odor |
| BS2 | 43.89          | 70.83       | 17.5        | 60            | 3/21/2012   | 84  | 569 | <0.001  | <0.001  | <0.001        | <0.003        | 131     | Clear Strong petroleum odor |
| BS2 | 44.13          | 70.83       | 17.4        | 60            | 6/15/2012   | 80  | 548 | <0.001  | <0.001  | <0.001        | <0.003        | 116     | Clear Strong petroleum odor |
| BS2 | 44.2           | 70.83       | 17.3        | 60            | 9/12/2012   | 72  | 511 | <0.001  | <0.001  | <0.001        | <0.003        | 101     | Clear Strong petroleum odor |

**ROC - Hobbs N-6 (1R-487)**  
**SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                                  |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-------------------------------------------|
| BS2 | 44.32          | 70.83       | 17.2        | 60            | 12/13/2012  | 48  | 477 | <0.001  | <0.001  | <0.001        | <0.003        | 84.3    | Clear Strong petroleum odor               |
| BS2 | 44.85          | 70.83       | 16.9        | 60            | 3/6/2013    | 64  | 482 | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Began Pumping/Clear Strong petroleum odor |
| BS2 | 45.06          | 70.83       | 16.8        | 60            | 6/21/2013   | 76  | 537 | <0.001  | <0.001  | <0.001        | <0.003        | 97      | Began Pumping/Clear Strong Petroleum Odor |
| BS2 | 45.25          | 70.83       | 16.6        | 60            | 9/19/2013   | 56  | 515 | <0.001  | <0.001  | <0.001        | <0.003        | 79.4    | Began Pumping/Clear Strong petroleum odor |
| BS2 | 45.61          | 70.83       | 16.4        | 60            | 12/16/2013  | 68  | 509 | <0.001  | <0.001  | <0.001        | <0.003        | 82.3    | Began pumping/Clear Strong petroleum odor |
| BS2 | 45.73          | 70.83       | 16.3        | 60            | 3/24/2014   | 104 | 588 | <0.001  | <0.001  | <0.001        | <0.003        | 102     | Began pumping/Clear Strong petroleum odor |
| BS2 | 45.95          | 70.83       | 16.2        | 60            | 6/19/2014   | 76  | 546 | <0.001  | <0.001  | <0.001        | <0.003        | 81.9    | Began pumping/Clear Strong petroleum odor |
| BS2 | 46.21          | 70.83       | 16          | 60            | 9/11/2014   | 140 | 714 | <0.001  | <0.001  | <0.001        | <0.003        | 127     | Began pumping/Clear Strong petroleum odor |
| BS2 | 46.31          | 70.83       | 15.9        | 60            | 12/22/2014  | 200 | 688 | <0.001  | <0.001  | <0.001        | <0.003        | 165     | Began Pumping/Clear Strong petroleum odor |
| BS2 | 45.91          | 70.83       | 16.2        | 60            | 3/19/2015   | 52  | 502 | <0.001  | <0.001  | <0.001        | <0.003        | 125     | Began pumping/Clear Strong petroleum odor |
| BS2 | 46.01          | 70.83       | 16.1        | 60            | 6/17/2015   | 128 | 626 | <0.001  | <0.001  | <0.001        | <0.003        | 94      | Began pumping/Clear Strong petroleum odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                                  |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-------------------------------------------|
| BS2 | 46.07          | 70.83       | 16.1        | 60            | 9/22/2015   | 68  | 550 | <0.001  | <0.001  | <0.001        | <0.003        | 68      | Began pumping/Clear Strong petroleum odor |
| BS2 | 45.58          | 70.83       | 16.4        | 60            | 12/3/2015   | 80  | 522 | <0.001  | <0.001  | <0.001        | <0.003        | 71      | Began pumping/Clear Strong petroleum odor |
| BS2 | 45.35          | 70.83       | 16.6        | 60            | 3/30/2016   | 96  | 552 | <0.001  | <0.001  | <0.001        | <0.003        | 81      | Clear Slight odor                         |
| BS2 | 46.28          | 70.83       | 16          | 50            | 6/28/2016   | 120 | 560 | <0.001  | <0.001  | <0.001        | <0.003        | 91.3    | Clear Slight odor                         |
| BS2 | 45.54          | 70.83       | 16          | 60            | 9/28/2016   | 84  | 586 | <0.001  | <0.001  | <0.001        | <0.003        | 97      | Clear Slight odor                         |
| BS2 | 44.92          | 70.83       | 17          | 60            | 12/6/2016   | 124 | 570 | <0.001  | <0.001  | <0.001        | <0.003        | 89      | Clear Slight odor                         |
| BS2 | 45.14          | 70.83       | 17          | 60            | 3/22/2017   | 160 | 688 | <0.001  | <0.001  | <0.001        | <0.003        | 86      | Clear Strong odor                         |
| BS2 | 45.68          | 70.83       | 17          | 60            | 6/29/2017   | 108 | 594 | <0.001  | <0.001  | <0.001        | <0.003        | 101     | Clear Strong odor                         |
| BS2 | 45.59          | 70.83       | 16          | 60            | 9/27/2017   | 76  | 538 | <0.001  | <0.001  | <0.001        | <0.003        | 91      | Clear Strong odor                         |
| BS2 | 45.74          | 70.83       | 16          | 60            | 12/26/2017  | 88  | 564 | <0.001  | <0.001  | <0.001        | <0.003        | 106     | Clear Strong odor                         |
| BS2 | 46.02          | 70.83       | 16.1        | 60            | 3/22/2018   | 128 | 602 | <0.001  | <0.001  | <0.001        | <0.003        | 86.9    | Clear Strong odor                         |
| BS2 | 46.26          | 70.83       | 16          | 50            | 6/29/2018   | 112 | 502 | <0.001  | <0.001  | <0.001        | <0.003        | 83.5    | Clear Strong odor                         |
| BS2 | 45.27          | 70.83       | 16.6        | 60            | 9/19/2018   | 92  | 516 | <0.001  | <0.001  | <0.001        | <0.003        | 22.3    | Clear Strong odor                         |
| BS2 | 45.21          | 70.83       | 16.7        | 50            | 12/23/2018  | 120 | 562 | <0.001  | <0.001  | <0.001        | <0.003        | 105     | Clear Strong odor                         |
| BS2 | 45.26          | 70.83       | 17          | 60            | 3/28/2019   | 192 | 564 | <0.001  | <0.001  | <0.001        | <0.003        | 101     | Clear Strong odor                         |
| BS2 | 45.06          | 70.83       | 17          | 60            | 6/27/2019   | 240 | 839 | <0.001  | <0.001  | <0.001        | <0.003        | 84      | Clear Strong odor                         |
| BS2 | 45.23          | 70.83       | 16          | 50            | 9/27/2019   | 56  | 483 | <0.001  | <0.001  | <0.001        | <0.003        | 102     | Clear Strong odor                         |
| BS2 | 45.68          | 70.83       | 16          | 50            | 12/13/2019  | 44  | 482 | <0.001  | <0.001  | <0.001        | <0.003        | 97      | Clear Strong odor                         |
| BS2 | 46.11          | 70.83       | 16.1        | 45            | 3/25/2020   | 48  | 518 | <0.001  | <0.001  | <0.001        | <0.003        | 92.6    | Clear Strong odor                         |
| BS2 | 46.53          | 70.83       | 15.8        | 45            | 9/29/2020   | 72  | 559 | <0.001  | <0.001  | <0.001        | <0.003        | 68.1    | Clear Strong odor                         |
| BS2 | 46.03          | 70.83       | 16          | 45            | 3/29/2021   | 76  | 517 | <0.001  | <0.001  | <0.001        | <0.003        | 84.7    | Clear Strong odor                         |
| BS2 | 46.22          | 70.83       | 16          | 45            | 6/29/2021   | 104 | 514 | <0.001  | <0.001  | <0.001        | <0.003        | 78      | Clear Strong odor                         |
| BS2 | 46.96          | 70.83       | 16          | 45            | 9/28/2021   | 52  | 526 | <0.001  | <0.001  | <0.001        | <0.003        | 82.8    | Clear Strong odor                         |
| BS2 | 47.06          | 70.83       | 16          | 45            | 12/2/2021   | 76  | 509 | <0.001  | <0.001  | <0.001        | <0.003        | 103     | Clear Strong odor                         |
| BS2 | 47.2           | 70.83       | 15.4        | 45            | 3/29/2022   | 76  | 507 | <0.001  | <0.001  | <0.001        | <0.003        | 74.2    | Clear Strong odor                         |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments          |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|-------------------|
| BS2 | 47.28          | 70.83       | 15.3        | 45            | 6/29/2022   | 72  | 547 | <0.001  | <0.001  | <0.001        | <0.003        | 90.2    | Clear Strong odor |
| BS2 | 47.41          | 70.83       | 15.3        | 45            | 9/26/2022   | 68  | 532 | <0.001  | <0.001  | <0.001        | <0.003        | 66.2    | Clear Strong odor |
| BS2 | 47.38          | 70.83       | 15.2        | 45            | 12/14/2022  | 80  | 508 | <0.001  | <0.001  | <0.001        | <0.003        | 74.4    | Clear Strong odor |
| BS2 | 48.11          | 70.83       | 14.8        | 45            | 3/28/2023   | 80  | 545 | <0.001  | <0.001  | <0.001        | <0.003        | 71.1    | Clear Strong odor |
| BS2 | 48.16          | 70.83       | 14.7        | 45            | 6/26/2023   | 80  | 561 | <0.001  | <0.001  | <0.001        | <0.003        | 70.4    | Clear Strong odor |
| BS2 | 48.22          | 70.83       | 14.7        | 45            | 9/25/2023   | 52  | 511 | <0.001  | <0.001  | <0.001        | <0.003        | 55.4    | Clear Strong odor |
| BS2 | 48.28          | 70.83       | 14.7        | 45            | 12/6/2023   | 56  | 562 | <0.001  | <0.001  | <0.001        | <0.003        | 72      | Clear Strong odor |
| BS2 | 48.43          | 70.83       | 14.6        | 45            | 3/26/2024   | 80  | 455 | <0.001  | <0.001  | <0.001        | <0.003        | 101     | Clear Strong odor |
| BS2 | 48.63          | 70.83       | 14.4        | 45            | 6/25/2024   | 76  | 599 | <0.001  | <0.001  | <0.001        | <0.003        | 143     | Clear Strong odor |
| BS2 | 48.71          | 70.83       | 14.4        | 45            | 9/19/2024   | 128 | 586 | <0.001  | <0.001  | <0.001        | <0.003        | 71.8    | Clear Strong odor |
| BS2 | 48.69          | 70.83       | 14.4        | 45            | 11/22/2024  | 88  | 630 | <0.001  | <0.001  | <0.001        | <0.003        | 112     | Clear Strong odor |

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS   | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                    |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-------|---------|---------|---------------|---------------|---------|-----------------------------|
| BS3 | 41.53          | 70.8        | 19          | 65            | 3/4/2008    | 500 | 1,410 | 0.037   | 0.001   | 0.115         | 0.032         | 68.3    | Clear Strong petroleum odor |
| BS3 | 41.82          | 70.8        | 18.8        | 65            | 5/29/2008   | 384 | 1,074 | 0.006   | <0.001  | 0.005         | <0.003        | 79.4    | Clear Strong petroleum odor |
| BS3 | 42.09          | 70.8        | 18.7        | 65            | 9/5/2008    | 580 | 1,480 | 0.01    | <0.001  | 0.051         | <0.003        | 106     | Clear Strong petroleum odor |
| BS3 | 42.19          | 70.8        | 18.6        | 65            | 12/15/2008  | 540 | 1,440 | 0.007   | 0.001   | 0.014         | <0.003        | 69.5    | Clear Strong petroleum odor |
| BS3 | 42.45          | 69.58       | 17.6        | 60            | 3/16/2009   | 480 | 1,320 | 0.021   | <0.001  | 0.024         | <0.003        | 67      | Clear Strong petroleum odor |
| BS3 | 42.64          | 69.58       | 17.5        | 60            | 6/9/2009    | 420 | 1,340 | 0.013   | <0.001  | 0.023         | <0.003        | 63.3    | Clear Strong petroleum odor |
| BS3 | 42.76          | 69.58       | 17.4        | 60            | 9/15/2009   | 352 | 1,160 | 0.02    | <0.001  | <0.001        | <0.003        | 63.8    | Clear Strong petroleum odor |
| BS3 | 42.89          | 69.58       | 17.3        | 60            | 11/19/2009  | 400 | 1,160 | 0.038   | <0.001  | <0.001        | <0.003        | 61      | Clear Strong odor           |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW                     | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS   | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                    |
|------------------------|----------------|-------------|-------------|---------------|-------------|-----|-------|---------|---------|---------------|---------------|---------|-----------------------------|
| BS3                    | 43.08          | 69.58       | 17.2        | 60            | 3/18/2010   | 316 | 1,030 | 0.023   | <0.001  | 0.014         | <0.003        | 86.6    | Clear Strong petroleum odor |
| BS3                    | 43.24          | 69.58       | 17.1        | 60            | 6/7/2010    | 276 | 972   | 0.008   | <0.001  | 0.007         | <0.003        | 90      | Clear Strong petroleum odor |
| BS3                    | 42.01          | 69.58       | 17.9        | 60            | 9/8/2010    | 100 | 514   | 0.001   | <0.001  | 0.001         | <0.003        | 85.5    | Clear Strong petroleum odor |
| BS3                    | 42.23          | 69.58       | 17.8        | 60            | 12/8/2010   | 88  | 458   | <0.001  | <0.001  | <0.001        | <0.003        | 94.6    | Clear Strong petroleum odor |
| BS3                    | 43.19          | 69.58       | 17.2        | 60            | 3/16/2011   | 80  | 511   | <0.001  | <0.001  | <0.001        | <0.003        | 87      | Clear Strong petroleum odor |
| BS3                    | 43.68          | 69.58       | 16.8        | 60            | 6/23/2011   | 84  | 530   | <0.001  | <0.001  | <0.001        | <0.003        | 94.3    | Clear Strong petroleum odor |
| BS3                    | 43.93          | 69.58       | 16.7        | 60            | 9/22/2011   | 90  | 503   | <0.001  | <0.001  | <0.001        | <0.003        | 105     | Clear Strong petroleum odor |
| BS3                    | 44.14          | 69.58       | 16.5        | 60            | 12/12/2011  | 76  | 545   | <0.001  | <0.001  | <0.001        | <0.003        | 107     | Clear Strong petroleum odor |
| BS3                    | 44.21          | 69.58       | 16.5        | 60            | 3/21/2012   | 68  | 405   | <0.001  | <0.001  | <0.001        | <0.003        | 118     | Clear Strong petroleum odor |
| BS3                    | 44.38          | 69.58       | 16.4        | 60            | 6/15/2012   | 72  | 520   | <0.001  | <0.001  | <0.001        | <0.003        | 88      | Clear Strong petroleum odor |
| BS3                    | 44.45          | 69.58       | 16.3        | 60            | 9/12/2012   | 80  | 557   | <0.001  | <0.001  | <0.001        | <0.003        | 98      | Clear Strong petroleum odor |
| BS3 plugged 12/17/2012 |                |             |             |               |             |     |       |         |         |               |               |         |                             |

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl   | TDS   | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments |
|-----|----------------|-------------|-------------|---------------|-------------|------|-------|---------|---------|---------------|---------------|---------|----------|
| IWW | 40.42          | 98.25       | 58.98       | 176.95        | 8/14/2002   | XXX  | XXX   | XXX     | XXX     | XXX           | XXX           | XXX     |          |
| IWW | 40.79          | 98.18       | 37.3        | 111.91        | 3/14/2003   | 239  | XXX   | 0.004   | <0.001  | <0.001        | <0.001        | 110     |          |
| IWW | 40.45          | 98.24       | 37.56       | 112.69        | 6/27/2003   | 40.7 | 465   | <0.001  | <0.001  | <0.001        | <0.001        | 102     |          |
| IWW | 40.43          | 98.2        | 37.78       | 113.34        | 9/22/2003   | 42.5 | 493   | <0.001  | <0.001  | <0.001        | <0.001        | 79.6    |          |
| IWW | 40.33          | 98.23       | 37.8        | 113.42        | 12/18/2003  | 52   | 485   | <0.002  | <0.002  | <0.002        | <0.006        | 38.6    |          |
| IWW | 41.75          | 98.23       | 82.96       | 248.9         | 3/15/2004   | 487  | 1,130 | 0.00619 | <0.001  | <0.001        | <0.001        | 130     |          |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl   | TDS   | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments                   |
|-----|----------------|-------------|-------------|---------------|-------------|------|-------|---------|---------|---------------|---------------|---------|----------------------------|
| IWW | 40.12          | 98.22       | 37.93       | 113.81        | 5/27/2004   | 40.8 | 474   | <0.001  | <0.001  | <0.001        | <0.001        | 100     |                            |
| IWW | 41.93          | 98.2        | 57.4        | 172.19        | 9/8/2004    | 78   | 583   | <0.001  | <0.001  | <0.001        | <0.001        | 89.6    |                            |
| IWW | 39.71          | 98.2        | 59.66       | 178.98        | 11/23/2004  | 88.3 | XXX   | <0.001  | <0.001  | <0.001        | <0.001        | 82.5    |                            |
| IWW | 39.01          | 98.2        | XXX         | 250           | 3/29/2005   | 419  | 1,010 | <0.001  | <0.001  | <0.001        | <0.001        | 81      |                            |
| IWW | 39.39          | 50          | XXX         | 21            | 6/28/2005   | 85.3 | 510   | <0.001  | <0.001  | <0.001        | <0.001        | 73.5    |                            |
| IWW | 39.6           | 98.2        | 59.8        | 185           | 12/6/2005   | 49   | 498   | <0.001  | <0.001  | <0.001        | <0.001        | 64.2    |                            |
| IWW | 39.83          | 98.2        | 59.5        | 180           | 2/28/2006   | 41.9 | 532   | <0.001  | <0.001  | <0.001        | <0.001        | 60.3    |                            |
| IWW | 40.2           | 98.2        | 59.2        | 180           | 6/5/2006    | 44.5 | 494   | <0.001  | <0.001  | <0.001        | <0.001        | 61.1    |                            |
| IWW | 39.76          | 98.2        | 59.6        | 180           | 9/12/2006   | 38.8 | 528   | <0.001  | <0.001  | <0.001        | <0.001        | 80.7    |                            |
| IWW | 39.61          | 98.2        | 59.8        | 180           | 11/14/2006  | 43.7 | 434   | <0.001  | <0.001  | <0.001        | <0.001        | 78.1    | Clear No odor pH increased |
| IWW | 40.13          | 97.9        | 58.9        | 180           | 3/14/2007   | 35.2 | 538   | <0.001  | <0.001  | <0.001        | <0.001        | 66.7    | Clear                      |
| IWW | 40.5           | 97.9        | 58.5        | 180           | 6/11/2007   | 40.1 | 490   | <0.001  | <0.001  | <0.011        | <0.001        | 74.7    | Clear                      |
| IWW | 40.49          | 97.9        | 58.6        | 180           | 9/18/2007   | 48   | 606   | 0.006   | <0.001  | <0.001        | <0.003        | 91.9    | Clear No odor              |
| IWW | 40.58          | 97.9        | 58.5        | 200           | 12/5/2007   | 44   | 505   | <0.001  | <0.001  | <0.001        | <0.003        | 87.5    | Clear No odor              |
| IWW | 40.93          | 97.9        | 58.1        | 200           | 3/4/2008    | 40   | 526   | <0.001  | <0.001  | <0.001        | <0.003        | 90.1    | Clear No odor              |
| IWW | 41.16          | 97.9        | 57.9        | 200           | 5/29/2008   | 44   | 556   | <0.001  | <0.001  | <0.001        | <0.003        | 82.6    | Clear No odor              |
| IWW | 41.38          | 97.9        | 57.7        | 200           | 9/5/2008    | 44   | 534   | <0.001  | <0.001  | <0.001        | <0.003        | 85      | Clear No odor              |
| IWW | 41.61          | 97.9        | 57.4        | 200           | 12/16/2008  | 48   | 574   | <0.001  | <0.001  | <0.001        | <0.003        | 74      | Clear No odor              |
| IWW | 41.76          | 97.9        | 57.3        | 200           | 3/16/2009   | 40   | 480   | <0.001  | <0.001  | <0.001        | <0.003        | 82.8    | Clear No odor              |
| IWW | 41.96          | 97.9        | 57.1        | 200           | 6/9/2009    | 40   | 505   | <0.001  | <0.001  | <0.001        | <0.003        | 73.2    | Clear No odor              |
| IWW | 42.06          | 97.9        | 57          | 200           | 9/15/2009   | 88   | 554   | <0.001  | <0.001  | <0.001        | <0.003        | 75.8    | Clear No odor              |
| IWW | 42.21          | 97.9        | 56.8        | 200           | 11/20/2009  | 44   | 447   | <0.001  | <0.001  | <0.001        | <0.003        | 68.5    | Clear No odor              |
| IWW | 42.36          | 97.9        | 56.7        | 200           | 3/18/2010   | 108  | 577   | <0.001  | <0.001  | <0.001        | <0.003        | 95.1    | Clear No odor              |
| IWW | 42.49          | 97.9        | 56.5        | 200           | 6/7/2010    | 48   | 510   | <0.001  | <0.001  | <0.001        | <0.003        | 93.1    | Clear No odor              |
| IWW | 41.39          | 97.9        | 57.6        | 200           | 9/8/2010    | 40   | 499   | <0.001  | <0.001  | <0.001        | <0.003        | 73.3    | Clear No odor              |
| IWW | 41.52          | 97.9        | 57.5        | 200           | 12/8/2010   | 68   | 481   | <0.001  | <0.001  | <0.001        | <0.003        | 81.9    | Clear No odor              |
| IWW | 42.15          | 97.9        | 56.9        | 200           | 3/16/2011   | 68   | 534   | <0.001  | <0.001  | <0.001        | <0.003        | 74.2    | Clear No odor              |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|---------------|
| IWW | 42.63          | 97.9        | 56.4        | 200           | 6/23/2011   | 84  | 512 | <0.001  | <0.001  | <0.001        | <0.003        | 73.3    | Clear No odor |
| IWW | 42.88          | 97.9        | 56.1        | 200           | 9/22/2011   | 84  | 493 | <0.001  | <0.001  | <0.001        | <0.003        | 81.8    | Clear No odor |
| IWW | 42.98          | 97.9        | 56          | 200           | 12/12/2011  | 92  | 521 | <0.001  | <0.001  | <0.001        | <0.003        | 84.5    | Clear No odor |
| IWW | 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 | 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 | 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 |
| IWW | 43.69          | 97.9        | 55.3        | 200           | 12/13/2012  | 124 | 627 | <0.001  | <0.001  | <0.001        | <0.003        | 78      | Clear No odor |
| IWW | 43.8           | 97.9        | 55.2        | 200           | 3/5/2013    | 136 | 607 | <0.001  | <0.001  | <0.001        | <0.003        | 78      | Clear No odor |
| IWW | 44.1           | 97.9        | 54.9        | 200           | 6/21/2013   | 128 | 618 | <0.001  | <0.001  | <0.001        | <0.003        | 74      | Clear No odor |
| IWW | 44.19          | 97.9        | 54.8        | 200           | 9/18/2013   | 168 | 641 | <0.001  | <0.001  | <0.001        | <0.003        | 79.9    | Clear No odor |
| IWW | 44.49          | 97.9        | 54.5        | 200           | 12/17/2013  | 132 | 620 | <0.001  | <0.001  | <0.001        | <0.003        | 72.6    | Clear No odor |
| IWW | 44.6           | 97.9        | 54.4        | 200           | 3/25/2014   | 140 | 610 | <0.001  | <0.001  | <0.001        | <0.003        | 123     | Clear No odor |
| IWW | 44.81          | 97.9        | 54.2        | 200           | 6/18/2014   | 160 | 680 | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Clear No odor |
| IWW | 45.07          | 97.9        | 53.9        | 175           | 9/12/2014   | 124 | 630 | <0.001  | <0.001  | <0.001        | <0.003        | 111     | Clear No odor |
| IWW | 45.18          | 97.9        | 53.8        | 175           | 12/23/2014  | 84  | 582 | <0.001  | <0.001  | <0.001        | <0.003        | 173     | Clear No odor |
| IWW | 44.8           | 97.9        | 54.2        | 175           | 3/20/2015   | 68  | 586 | <0.001  | <0.001  | <0.001        | <0.003        | 180     | Clear No odor |
| IWW | 44.82          | 97.9        | 54.1        | 200           | 6/17/2015   | 136 | 690 | <0.001  | <0.001  | <0.001        | <0.003        | 95      | Clear No odor |
| IWW | 44.87          | 97.9        | 54.1        | 175           | 9/22/2015   | 88  | 586 | <0.001  | <0.001  | <0.001        | <0.003        | 94      | Clear No odor |
| IWW | 44.69          | 97.9        | 54.3        | 175           | 12/2/2015   | 76  | 564 | <0.001  | <0.001  | <0.001        | <0.003        | 100     | Clear No odor |
| IWW | 44.46          | 97.9        | 54.5        | 175           | 3/29/2016   | 128 | 622 | <0.001  | <0.001  | <0.001        | <0.003        | 81      | Clear No odor |
| IWW | 45.11          | 97.9        | 53.8        | 200           | 6/27/2016   | 152 | 592 | <0.001  | <0.001  | <0.001        | <0.003        | 78.4    | Clear No odor |
| IWW | 44.6           | 97.9        | 54          | 175           | 9/27/2016   | 184 | 698 | <0.001  | <0.001  | <0.001        | <0.003        | 87      | Clear No odor |
| IWW | 43.98          | 97.9        | 55          | 175           | 12/6/2016   | 68  | 514 | <0.001  | <0.001  | <0.001        | <0.003        | 23      | Clear No odor |
| IWW | 44.05          | 97.9        | 55          | 175           | 3/21/2017   | 128 | 680 | <0.001  | <0.001  | <0.001        | <0.003        | 93      | Clear No odor |
| IWW | 44.45          | 97.9        | 55          | 175           | 6/28/2017   | 184 | 814 | <0.001  | <0.001  | <0.001        | <0.003        | 129     | Clear No odor |
| IWW | 44.36          | 97.9        | 54          | 90            | 9/26/2017   | 76  | 588 | <0.001  | <0.001  | <0.001        | <0.003        | 96      | Clear No odor |
| IWW | 44.45          | 97.9        | 54          | 90            | 12/22/2017  | 120 | 652 | <0.001  | <0.001  | <0.001        | <0.003        | 103     | Clear No odor |
| IWW | 44.95          | 97.9        | 54          | 175           | 3/21/2018   | 88  | 538 | <0.001  | <0.001  | <0.001        | <0.003        | 74.1    | Clear No odor |

**ROC - Hobbs N-6 (1R-487)****SW ¼, NW ¼, SEC. 5 & 6, T19S, R38E**

| MW  | Depth to Water | Total Depth | Well Volume | Volume Purged | Sample Date | Cl  | TDS | Benzene | Toluene | Ethyl Benzene | Total Xylenes | Sulfate | Comments      |
|-----|----------------|-------------|-------------|---------------|-------------|-----|-----|---------|---------|---------------|---------------|---------|---------------|
| IWW | 45.22          | 97.9        | 53.7        | 200           | 6/28/2018   | 72  | 546 | <0.001  | <0.001  | <0.001        | <0.003        | 76      | Clear No odor |
| IWW | 45.21          | 97.9        | 53.7        | 175           | 9/19/2018   | 92  | 594 | <0.001  | <0.001  | <0.001        | <0.003        | 13.4    | Clear No odor |
| IWW | 45.14          | 97.9        | 52.76       | 200           | 12/22/2018  | 140 | 618 | <0.001  | <0.001  | <0.001        | <0.003        | 108     | Clear No odor |
| IWW | 45.21          | 97.9        | 54          | 150           | 3/27/2019   | 72  | 490 | <0.001  | <0.001  | <0.001        | <0.003        | 93      | Clear No odor |
| IWW | 45.02          | 97.9        | 54          | 175           | 6/26/2019   | 68  | 538 | <0.001  | <0.001  | <0.001        | <0.003        | 89      | Clear No odor |
| IWW | 44.17          | 97.9        | 55          | 125           | 9/26/2019   | 132 | 609 | <0.001  | <0.001  | <0.001        | <0.003        | 77      | Clear No odor |
| IWW | 44.98          | 97.9        | 54          | 150           | 12/12/2019  | 76  | 511 | <0.001  | <0.001  | <0.001        | <0.003        | 80      | Clear No odor |
| IWW | 45.63          | 97.9        | 53.3        | 150           | 3/26/2020   | 76  | 584 | <0.001  | <0.001  | <0.001        | <0.003        | 78.3    | Clear No odor |
| IWW | 45.98          | 97.9        | 53          | 150           | 9/30/2020   | 68  | 522 | <0.001  | <0.001  | <0.001        | <0.003        | 69.4    | Clear No odor |
| IWW | 45.5           | 97.9        | 53          | 150           | 3/30/2021   | 124 | 620 | <0.001  | <0.001  | <0.001        | <0.003        | 83      | Clear No odor |
| IWW | 45.69          | 97.9        | 53          | 150           | 6/30/2021   | 156 | 646 | <0.001  | <0.001  | <0.001        | <0.003        | 79.3    | Clear No odor |
| IWW | 46.11          | 97.9        | 53          | 150           | 9/29/2021   | 144 | 642 | <0.001  | <0.001  | <0.001        | <0.003        | 80.8    | Clear No odor |
| IWW | 46.19          | 97.9        | 53          | 150           | 12/3/2021   | 132 | 591 | <0.001  | <0.001  | <0.001        | <0.003        | 43.9    | Clear No odor |
| IWW | 46.23          | 97.9        | 53          | 100           | 3/30/2022   | 120 | 633 | <0.001  | <0.001  | <0.001        | <0.003        | 58.6    | Clear No odor |
| IWW | 46.31          | 97.9        | 53          | 100           | 6/30/2022   | 104 | 628 | <0.001  | <0.001  | <0.001        | <0.003        | 88.6    | Clear No odor |
| IWW | 46.31          | 97.9        | 53          | 100           | 9/27/2022   | 140 | 641 | <0.001  | <0.001  | <0.001        | <0.003        | 71.8    | Clear No odor |
| IWW | 46.39          | 97.9        | 53          | 100           | 12/15/2022  | 120 | 568 | <0.001  | <0.001  | <0.001        | <0.003        | 68.2    | Clear No odor |
| IWW | 47.2           | 97.9        | 51.7        | 100           | 3/29/2023   | 136 | 608 | <0.001  | <0.001  | <0.001        | <0.003        | 67      | Clear No odor |
| IWW | 47.25          | 97.9        | 51.7        | 100           | 6/27/2023   | 100 | 619 | <0.001  | <0.001  | <0.001        | <0.003        | 82.1    | Clear No odor |
| IWW | 47.31          | 97.9        | 51.6        | 100           | 9/26/2023   | 92  | 587 | <0.001  | <0.001  | <0.001        | <0.003        | 84.3    | Clear No odor |
| IWW | 47.43          | 97.9        | 51.5        | 100           | 12/7/2023   | 160 | 659 | <0.001  | <0.001  | <0.001        | <0.003        | 68.7    | Clear No odor |
| IWW | 47.52          | 97.9        | 51.4        | 100           | 3/27/2024   | 200 | 683 | <0.001  | <0.001  | <0.001        | <0.003        | 62.8    | Clear No odor |
| IWW | 47.72          | 97.9        | 51.2        | 100           | 6/25/2024   | 92  | 681 | <0.001  | <0.001  | <0.001        | <0.003        | 117     | Clear No odor |
| IWW | 47.78          | 97.9        | 51.1        | 100           | 9/20/2024   | 92  | 672 | <0.001  | <0.001  | <0.001        | <0.003        | 132     | Clear No odor |
| IWW | 47.91          | 97.9        | 51          | 100           | 11/25/2024  | 124 | 595 | <0.001  | <0.001  | <0.001        | <0.003        | 117     | Clear No odor |



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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April 15, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: HOBBS N-6

Enclosed are the results of analyses for samples received by the laboratory on 04/01/24 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 04/01/2024                        | Sampling Date:      | 03/26/2024     |
| Reported:         | 04/15/2024                        | Sampling Type:      | Water          |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                |

**Sample ID: MONITOR WELL # 2 (H241664-01)**

| BTEX 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 106        | 0.0200        | 1.27   |           |
| Toluene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.634  |           |
| Ethylbenzene*  | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.0523 |           |
| Total Xylenes* | <0.003 | 0.003           | 04/08/2024 | ND              | 0.061 | 102        | 0.0600        | 0.537  |           |
| Total BTEX     | <0.006 | 0.006           | 04/08/2024 | ND              |       |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 68.0   | 4.00            | 04/02/2024 | ND              | 104 | 104        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 83.6   | 25.0            | 04/02/2024 | ND              | 18.2 | 91.2       | 20.0          | 1.71 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| TDS*      | 423    | 5.00            | 04/03/2024 | ND              | 896 | 89.6       | 1000          | 5.20 |           |

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 04/01/2024                        | Sampling Date:      | 03/26/2024     |
| Reported:         | 04/15/2024                        | Sampling Type:      | Water          |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                |

**Sample ID: MONITOR WELL # 4 (H241664-02)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |        |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|--------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD    | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 106        | 0.0200        | 1.27   |           |  |
| Toluene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.634  |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.0523 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 04/08/2024 | ND              | 0.061 | 102        | 0.0600        | 0.537  |           |  |
| Total BTX      | <0.006 | 0.006           | 04/08/2024 | ND              |       |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 96.0   | 4.00            | 04/02/2024 | ND              | 104 | 104        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 132    | 25.0            | 04/02/2024 | ND              | 18.2 | 91.2       | 20.0          | 1.71 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| TDS*      | 675    | 5.00            | 04/03/2024 | ND              | 896 | 89.6       | 1000          | 5.20 |           |

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Celey D. Keene, Lab Director/Quality Manager



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Rice Operating Company  
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 Fax To: (575) 397-1471

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 04/01/2024                        | Sampling Date:      | 03/27/2024     |
| Reported:         | 04/15/2024                        | Sampling Type:      | Water          |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                |

**Sample ID: MONITOR WELL # 5 (H241664-03)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |        |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|--------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD    | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 106        | 0.0200        | 1.27   |           |  |
| Toluene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.634  |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.0523 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 04/08/2024 | ND              | 0.061 | 102        | 0.0600        | 0.537  |           |  |
| Total BTX      | <0.006 | 0.006           | 04/08/2024 | ND              |       |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 76.0   | 4.00            | 04/02/2024 | ND              | 104 | 104        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 57.9   | 25.0            | 04/02/2024 | ND              | 18.2 | 91.2       | 20.0          | 1.71 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| TDS*      | 191    | 5.00            | 04/03/2024 | ND              | 896 | 89.6       | 1000          | 5.20 |           |  |

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 04/01/2024                        | Sampling Date:      | 03/27/2024     |
| Reported:         | 04/15/2024                        | Sampling Type:      | Water          |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                |

**Sample ID: MONITOR WELL # 6 (H241664-04)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |        |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|--------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD    | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 106        | 0.0200        | 1.27   |           |  |
| Toluene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.634  |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.0523 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 04/08/2024 | ND              | 0.061 | 102        | 0.0600        | 0.537  |           |  |
| Total BTX      | <0.006 | 0.006           | 04/08/2024 | ND              |       |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 128    | 4.00            | 04/02/2024 | ND              | 104 | 104        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Sulfate*      | 55.8   | 25.0            | 04/02/2024 | ND              | 18.2 | 91.2       | 20.0          | 1.71 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| TDS*      | 426    | 5.00            | 04/03/2024 | ND              | 896 | 89.6       | 1000          | 5.20 |           |

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 04/01/2024                        | Sampling Date:      | 03/27/2024     |
| Reported:         | 04/15/2024                        | Sampling Type:      | Water          |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                |

**Sample ID: IWW (H241664-05)**

| BTEx 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |        |           |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|--------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 106        | 0.0200        | 1.27   |           |
| Toluene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.634  |           |
| Ethylbenzene*  | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.0523 |           |
| Total Xylenes* | <0.003 | 0.003           | 04/08/2024 | ND              | 0.061 | 102        | 0.0600        | 0.537  |           |
| Total BTEX     | <0.006 | 0.006           | 04/08/2024 | ND              |       |            |               |        |           |

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 200    | 4.00            | 04/02/2024 | ND              | 104 | 104        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 62.8   | 25.0            | 04/02/2024 | ND              | 18.2 | 91.2       | 20.0          | 1.71 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| TDS*      | 683    | 5.00            | 04/03/2024 | ND              | 896 | 89.6       | 1000          | 5.20 |           |

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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                |
|-------------------|-----------------------------------|---------------------|----------------|
| Received:         | 04/01/2024                        | Sampling Date:      | 03/26/2024     |
| Reported:         | 04/15/2024                        | Sampling Type:      | Water          |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact  |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Tamara Oldaker |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                |

**Sample ID: BIO SPARGE #2 (H241664-06)**

| BTEx 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |        |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|--------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD    | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 106        | 0.0200        | 1.27   |           |  |
| Toluene*       | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.634  |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 04/08/2024 | ND              | 0.021 | 105        | 0.0200        | 0.0523 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 04/08/2024 | ND              | 0.061 | 102        | 0.0600        | 0.537  |           |  |
| Total BTEX     | <0.006 | 0.006           | 04/08/2024 | ND              |       |            |               |        |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |  |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride*                    | 80.0   | 4.00            | 04/02/2024 | ND              | 104 | 104        | 100           | 0.00 |           |  |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Sulfate*      | 101    | 25.0            | 04/02/2024 | ND              | 18.2 | 91.2       | 20.0          | 1.71 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| TDS*      | 455    | 5.00            | 04/04/2024 | ND              | 808 | 80.8       | 1000          | 11.4 |           |  |

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---

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### Notes and Definitions

|     |                                                                                                                                                                |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ND  | Analyte NOT DETECTED at or above the reporting limit                                                                                                           |
| RPD | Relative Percent Difference                                                                                                                                    |
| **  | Samples not received at proper temperature of 6°C or below.                                                                                                    |
| *** | Insufficient time to reach temperature.                                                                                                                        |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager

101 East Marland - Hobbs, NM 88240  
Tel (575) 393-2326  
Fax (575) 393-2476

# Cardinal Laboratories, Inc.

Page 1 of 1

Company Name:

RICE Operating Company

BILL TO Company:

PO#

Project Manager:

Katie Jones

RICE Operating Company

Address: (Street, City, Zip)

122 W Taylor Street ~ Hobbs, New Mexico 88240

Address: (Street, City, Zip)

Phone#: Fax#:

(575) 393-9174

(575) 397-1471

Phone #:

(575) 393-9174

Fax #:

(575) 397-1471

Project #:

Project Name:

Hobbs N-6

Project Location:

Sampler Signature: Rozanne Johnson (575) 631-9310

T19S-R38E-Sec5&amp;6 E/H ~ Lea County - New Mexico

H241664

LAB #

FIELD CODE

(LAB USE ONLY)

(G)rab or (C)omp

# CONTAINERS

MATRIX

PRESERVATIVE METHOD

SAMPLING

WATER

SOIL

AIR

SLUDGE

HCL (4 40ml VOA)

HNO<sub>3</sub>NaHSO<sub>4</sub>H<sub>2</sub>SO<sub>4</sub>

ICE (1-Liter HDPE)

NONE

DATE (2024)

TIME

MTBE 8021B/602

BTEX 8021B/602

TPH 418.1/TX1005 / TX1005 Extended (C35)

PAH 8270C

Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7

TCLP Metals Ag As Ba Cd Cr Pb Se Hg

TCLP Volatiles

TCLP Semi Volatiles

TCLP Pesticides

RCI

GC/MS Vol. 8260B/624

GC/MS Semi. Vol. 8270C/625

PCB's 8082/608

Pesticides 8081A/608

BOD, TSS, pH

Moisture Content

Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCO<sub>3</sub>)

Sulfates

Total Dissolved Solids

Chlorides

Turn Around Time ~ 24 Hours

Relinquished by:

Date: Time:

Rozanne Johnson

4/1/2024 8:00

Received by:

Date: Time:

Received By: (Laboratory Staff)

Date: Time:

Delivered By: (Circle One)

Sample Condition

Cool Intact

Yes

Yes

No

No

CHECKED BY:

(Initials)

Phone Results

Yes

No

Fax Results

Yes

No

Additional Fax Number:

REMARKS:

Email Results:

[kjones@riceswd.com](mailto:kjones@riceswd.com)[rozanne@sdacres.com](mailto:rozanne@sdacres.com)



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

July 05, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: HOBBS N-6

Enclosed are the results of analyses for samples received by the laboratory on 06/28/24 10:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                  |
|-------------------|-----------------------------------|---------------------|------------------|
| Received:         | 06/28/2024                        | Sampling Date:      | 06/25/2024       |
| Reported:         | 07/05/2024                        | Sampling Type:      | Water            |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact    |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                  |

**Sample ID: MONITOR WELL # 2 (H243888-01)**

| BTEX 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 97.5       | 0.0200        | 2.87  |           |
| Toluene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 96.9       | 0.0200        | 2.12  |           |
| Ethylbenzene*  | <0.001 | 0.001           | 07/04/2024 | ND              | 0.020 | 98.8       | 0.0200        | 0.942 |           |
| Total Xylenes* | <0.003 | 0.003           | 07/04/2024 | ND              | 0.057 | 95.6       | 0.0600        | 0.878 |           |
| Total BTEX     | <0.006 | 0.006           | 07/04/2024 | ND              |       |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |  |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride*                    | 60.0   | 4.00            | 06/28/2024 | ND              | 100 | 100        | 100           | 0.00 |           |  |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: HM |      |            |               |      |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Sulfate*      | 104    | 25.0            | 07/01/2024 | ND              | 18.6 | 92.9       | 20.0          | 5.87 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| TDS*      | 490    | 5.00            | 07/02/2024 | ND              | 839 | 83.9       | 1000          | 0.593 |           |  |

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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

Received: 06/28/2024  
 Reported: 07/05/2024  
 Project Name: HOBBS N-6  
 Project Number: NONE GIVEN  
 Project Location: T19S-R38E-SEC5&6 E/H ~LEA CO - NM

Sampling Date: 06/25/2024  
 Sampling Type: Water  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: MONITOR WELL # 4 (H243888-02)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 97.5       | 0.0200        | 2.87  |           |  |
| Toluene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 96.9       | 0.0200        | 2.12  |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 07/04/2024 | ND              | 0.020 | 98.8       | 0.0200        | 0.942 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 07/04/2024 | ND              | 0.057 | 95.6       | 0.0600        | 0.878 |           |  |
| Total BTX      | <0.006 | 0.006           | 07/04/2024 | ND              |       |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 92.0   | 4.00            | 06/28/2024 | ND              | 100 | 100        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: HM |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 140    | 25.0            | 07/01/2024 | ND              | 18.6 | 92.9       | 20.0          | 5.87 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| TDS*      | 675    | 5.00            | 07/02/2024 | ND              | 839 | 83.9       | 1000          | 0.593 |           |  |

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                  |
|-------------------|-----------------------------------|---------------------|------------------|
| Received:         | 06/28/2024                        | Sampling Date:      | 06/26/2024       |
| Reported:         | 07/05/2024                        | Sampling Type:      | Water            |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact    |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                  |

**Sample ID: MONITOR WELL # 5 (H243888-03)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 97.5       | 0.0200        | 2.87  |           |  |
| Toluene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 96.9       | 0.0200        | 2.12  |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 07/04/2024 | ND              | 0.020 | 98.8       | 0.0200        | 0.942 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 07/04/2024 | ND              | 0.057 | 95.6       | 0.0600        | 0.878 |           |  |
| Total BTX      | <0.006 | 0.006           | 07/04/2024 | ND              |       |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 48.0   | 4.00            | 06/28/2024 | ND              | 100 | 100        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: HM |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 82.4   | 25.0            | 07/01/2024 | ND              | 18.6 | 92.9       | 20.0          | 5.87 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| TDS*      | 408    | 5.00            | 07/02/2024 | ND              | 839 | 83.9       | 1000          | 0.593 |           |

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                  |
|-------------------|-----------------------------------|---------------------|------------------|
| Received:         | 06/28/2024                        | Sampling Date:      | 06/26/2024       |
| Reported:         | 07/05/2024                        | Sampling Type:      | Water            |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact    |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                  |

**Sample ID: MONITOR WELL # 6 (H243888-04)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 97.5       | 0.0200        | 2.87  |           |  |
| Toluene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 96.9       | 0.0200        | 2.12  |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 07/04/2024 | ND              | 0.020 | 98.8       | 0.0200        | 0.942 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 07/04/2024 | ND              | 0.057 | 95.6       | 0.0600        | 0.878 |           |  |
| Total BTX      | <0.006 | 0.006           | 07/04/2024 | ND              |       |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 72.0   | 4.00            | 06/28/2024 | ND              | 100 | 100        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: HM |      |            |               |      |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Sulfate*      | 125    | 25.0            | 07/01/2024 | ND              | 18.6 | 92.9       | 20.0          | 5.87 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| TDS*      | 545    | 5.00            | 07/02/2024 | ND              | 839 | 83.9       | 1000          | 0.593 |           |  |

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                  |
|-------------------|-----------------------------------|---------------------|------------------|
| Received:         | 06/28/2024                        | Sampling Date:      | 06/26/2024       |
| Reported:         | 07/05/2024                        | Sampling Type:      | Water            |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact    |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                  |

**Sample ID: IWW (H243888-05)**

| BTEx 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 97.5       | 0.0200        | 2.87  |           |  |
| Toluene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 96.9       | 0.0200        | 2.12  |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 07/04/2024 | ND              | 0.020 | 98.8       | 0.0200        | 0.942 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 07/04/2024 | ND              | 0.057 | 95.6       | 0.0600        | 0.878 |           |  |
| Total BTEX     | <0.006 | 0.006           | 07/04/2024 | ND              |       |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 92.0   | 4.00            | 06/28/2024 | ND              | 100 | 100        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: HM |      |            |               |      |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Sulfate*      | 117    | 25.0            | 07/01/2024 | ND              | 18.6 | 92.9       | 20.0          | 5.87 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| TDS*      | 681    | 5.00            | 07/02/2024 | ND              | 839 | 83.9       | 1000          | 0.593 |           |  |

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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                  |
|-------------------|-----------------------------------|---------------------|------------------|
| Received:         | 06/28/2024                        | Sampling Date:      | 06/25/2024       |
| Reported:         | 07/05/2024                        | Sampling Type:      | Water            |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact    |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                  |

**Sample ID: BIO SPARGE #2 (H243888-06)**

| BTEx 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 97.5       | 0.0200        | 2.87  |           |
| Toluene*       | <0.001 | 0.001           | 07/04/2024 | ND              | 0.019 | 96.9       | 0.0200        | 2.12  |           |
| Ethylbenzene*  | <0.001 | 0.001           | 07/04/2024 | ND              | 0.020 | 98.8       | 0.0200        | 0.942 |           |
| Total Xylenes* | <0.003 | 0.003           | 07/04/2024 | ND              | 0.057 | 95.6       | 0.0600        | 0.878 |           |
| Total BTEX     | <0.006 | 0.006           | 07/04/2024 | ND              |       |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 76.0   | 4.00            | 06/28/2024 | ND              | 100 | 100        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: HM |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 143    | 25.0            | 07/01/2024 | ND              | 18.6 | 92.9       | 20.0          | 5.87 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| TDS*      | 599    | 5.00            | 07/02/2024 | ND              | 839 | 83.9       | 1000          | 0.593 |           |

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Celey D. Keene, Lab Director/Quality Manager



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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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### Notes and Definitions

|     |                                                                                                                                                                |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ND  | Analyte NOT DETECTED at or above the reporting limit                                                                                                           |
| RPD | Relative Percent Difference                                                                                                                                    |
| **  | Samples not received at proper temperature of 6°C or below.                                                                                                    |
| *** | Insufficient time to reach temperature.                                                                                                                        |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager

101 East Marland - Hobbs, NM 88240  
Tel (575) 393-2326  
Fax (575) 393-2476

# Cardinal Laboratories, Inc.

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # \_\_\_\_\_

Company Name: **RICE Operating Company**  
Project Manager: **Katie Jones**  
Address: (Street, City, Zip) **122 W Taylor Street ~ Hobbs, New Mexico 88240**  
Phone #: **(575) 393-9174**  
Fax #: **(575) 397-1471**

BILL TO Company: **RICE Operating Company**  
Address: (Street, City, Zip) **122 W Taylor Street ~ Hobbs, New Mexico 88240**  
Phone #: **(575) 393-9174**  
Fax #: **(575) 397-1471**

Project #: \_\_\_\_\_ Project Name: **Hobbs N-6**  
Project Location: **T19S-R38E-Sec5&6 E/H ~ Lea County - New Mexico**  
Sampler Signature: **Rozanne Johnson (575) 631-9310**

### ANALYSIS REQUEST

(Circle or Specify Method No.)

| LAB #<br>(LAB USE ONLY) | FIELD CODE      | (G)rab or (C)omp | # CONTAINERS | MATRIX |      |     |        | PRESERVATIVE METHOD |      |        |       | SAMPLING               |      | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1/TX1005 / TX1005 Extended (C35) | PAH 8270C | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | TCLP Volatiles | TCLP Semi Volatiles | TCLP Pesticides | RCI | GC/MS Vol. 8260B/624 | GC/MS Semi. Vol. 8270C/625 | PCB's 8082/608 | Pesticides 8081A/608 | BOD, TSS, pH | Moisture Content | Cations (Ca, Mg, Na, K) | Anions (Cl, SO4, CO3, HCO3) | Sulfates | Total Dissolved Solids | Chlorides | Turn Around Time ~ 24 Hours |             |      |
|-------------------------|-----------------|------------------|--------------|--------|------|-----|--------|---------------------|------|--------|-------|------------------------|------|----------------|----------------|------------------------------------------|-----------|--------------------------------------------------|-------------------------------------|----------------|---------------------|-----------------|-----|----------------------|----------------------------|----------------|----------------------|--------------|------------------|-------------------------|-----------------------------|----------|------------------------|-----------|-----------------------------|-------------|------|
|                         |                 |                  |              | WATER  | SOIL | AIR | SLUDGE | HCL (4 40ml VOA)    | HNO3 | NaHSO4 | H2SO4 | ICE (1-1.1 Liter HDPE) | NONE |                |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                             |          |                        |           |                             | DATE (2024) | TIME |
| 1                       | Monitor Well #2 | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                      | 6/25 | 11:50          | X              |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                             |          |                        | X         | X                           | X           |      |
| 2                       | Monitor Well #4 | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                      | 6/25 | 9:55           | X              |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                             |          |                        | X         | X                           | X           |      |
| 3                       | Monitor Well #5 | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                      | 6/26 | 12:05          | X              |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                             |          |                        | X         | X                           | X           |      |
| 4                       | Monitor Well #6 | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                      | 6/26 | 10:10          | X              |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                             |          |                        | X         | X                           | X           |      |
| 5                       | IWW             | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                      | 6/26 | 14:50          | X              |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                             |          |                        | X         | X                           | X           |      |
| 6                       | Bio Sparge #2   | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                      | 6/25 | 14:20          | X              |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                             |          |                        | X         | X                           | X           |      |
|                         |                 |                  |              |        |      |     |        |                     |      |        |       |                        |      |                |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                             |          |                        |           |                             |             |      |
|                         |                 |                  |              |        |      |     |        |                     |      |        |       |                        |      |                |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                             |          |                        |           |                             |             |      |

Relinquished by: **Rozanne Johnson** Date: **6/28/2024** Time: **7:34**  
Received by: **Shad Kerner** Date: **6/28/24** Time: **7:35**

Relinquished by: **Rozanne Johnson** Date: **6/28/2024** Time: **7:34**  
Received by: **Shad Kerner** Date: **6/28/24** Time: **10:34**

Delivered By: (Circle One) **Other**  
Sample Condition: **Cool** ☒ **Yes** ☐ **Intact** ☒ **Yes** ☐ **No** ☐ **No** ☐ **Checked By:** **SR**

Phone Results: ☒ Yes ☐ No  
Fax Results: ☒ Yes ☐ No Additional Fax Number: \_\_\_\_\_

REMARKS:  
Email Results: [kjones@riceswd.com](mailto:kjones@riceswd.com)  
[rozanne@sdacres.com](mailto:rozanne@sdacres.com)



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

October 02, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: HOBBS N-6

Enclosed are the results of analyses for samples received by the laboratory on 09/25/24 9:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |               |
|-------------------|-----------------------------------|---------------------|---------------|
| Received:         | 09/25/2024                        | Sampling Date:      | 09/19/2024    |
| Reported:         | 10/02/2024                        | Sampling Type:      | Water         |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Alyssa Parras |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |               |

**Sample ID: MONITOR WELL # 2 (H245809-01)**

| BTEX 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 100        | 0.0200        | 0.792 |           |
| Toluene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 99.1       | 0.0200        | 0.785 |           |
| Ethylbenzene*  | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 102        | 0.0200        | 0.407 |           |
| Total Xylenes* | <0.003 | 0.003           | 09/25/2024 | ND              | 0.060 | 101        | 0.0600        | 0.315 |           |
| Total BTEX     | <0.006 | 0.006           | 09/25/2024 | ND              |       |            |               |       |           |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: KV |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 60.0   | 4.00            | 09/25/2024 | ND              | 104 | 104        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: KV |      |            |               |       |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Sulfate*      | 112    | 25.0            | 09/27/2024 | ND              | 17.4 | 86.8       | 20.0          | 0.746 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: KV |     |            |               |        |           |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD    | Qualifier |
| TDS*      | 492    | 5.00            | 09/30/2024 | ND              | 826 | 82.6       | 1000          | 0.0879 |           |

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |               |
|-------------------|-----------------------------------|---------------------|---------------|
| Received:         | 09/25/2024                        | Sampling Date:      | 09/19/2024    |
| Reported:         | 10/02/2024                        | Sampling Type:      | Water         |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Alyssa Parras |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |               |

**Sample ID: MONITOR WELL # 4 (H245809-02)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 100        | 0.0200        | 0.792 |           |  |
| Toluene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 99.1       | 0.0200        | 0.785 |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 102        | 0.0200        | 0.407 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 09/25/2024 | ND              | 0.060 | 101        | 0.0600        | 0.315 |           |  |
| Total BTX      | <0.006 | 0.006           | 09/25/2024 | ND              |       |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: KV |     |            |               |      |           |  |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride*                    | 88.0   | 4.00            | 09/25/2024 | ND              | 104 | 104        | 100           | 0.00 |           |  |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: KV |      |            |               |       |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Sulfate*      | 143    | 25.0            | 09/27/2024 | ND              | 17.4 | 86.8       | 20.0          | 0.746 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: KV |     |            |               |        |           |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD    | Qualifier |
| TDS*      | 645    | 5.00            | 09/30/2024 | ND              | 826 | 82.6       | 1000          | 0.0879 |           |

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |               |
|-------------------|-----------------------------------|---------------------|---------------|
| Received:         | 09/25/2024                        | Sampling Date:      | 09/20/2024    |
| Reported:         | 10/02/2024                        | Sampling Type:      | Water         |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Alyssa Parras |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |               |

**Sample ID: MONITOR WELL # 5 (H245809-03)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 100        | 0.0200        | 0.792 |           |  |
| Toluene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 99.1       | 0.0200        | 0.785 |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 102        | 0.0200        | 0.407 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 09/25/2024 | ND              | 0.060 | 101        | 0.0600        | 0.315 |           |  |
| Total BTX      | <0.006 | 0.006           | 09/25/2024 | ND              |       |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: KV |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 68.0   | 4.00            | 09/25/2024 | ND              | 104 | 104        | 100           | 0.00 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: KV |      |            |               |       |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Sulfate*      | 74.1   | 25.0            | 09/27/2024 | ND              | 17.4 | 86.8       | 20.0          | 0.746 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: KV |     |            |               |        |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD    | Qualifier |  |
| TDS*      | 388    | 5.00            | 09/30/2024 | ND              | 826 | 82.6       | 1000          | 0.0879 |           |  |

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |               |
|-------------------|-----------------------------------|---------------------|---------------|
| Received:         | 09/25/2024                        | Sampling Date:      | 09/20/2024    |
| Reported:         | 10/02/2024                        | Sampling Type:      | Water         |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Alyssa Parras |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |               |

**Sample ID: MONITOR WELL # 6 (H245809-04)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 100        | 0.0200        | 0.792 |           |  |
| Toluene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 99.1       | 0.0200        | 0.785 |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 102        | 0.0200        | 0.407 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 09/25/2024 | ND              | 0.060 | 101        | 0.0600        | 0.315 |           |  |
| Total BTX      | <0.006 | 0.006           | 09/25/2024 | ND              |       |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: KV |     |            |               |      |           |  |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride*                    | 72.0   | 4.00            | 09/25/2024 | ND              | 104 | 104        | 100           | 0.00 |           |  |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: KV |      |            |               |       |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Sulfate*      | 99.8   | 25.0            | 09/27/2024 | ND              | 17.4 | 86.8       | 20.0          | 0.746 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: KV |     |            |               |        |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD    | Qualifier |  |
| TDS*      | 559    | 5.00            | 09/30/2024 | ND              | 826 | 82.6       | 1000          | 0.0879 |           |  |

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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |               |
|-------------------|-----------------------------------|---------------------|---------------|
| Received:         | 09/25/2024                        | Sampling Date:      | 09/20/2024    |
| Reported:         | 10/02/2024                        | Sampling Type:      | Water         |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Alyssa Parras |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |               |

**Sample ID: IWW (H245809-05)**

| BTEx 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 100        | 0.0200        | 0.792 |           |  |
| Toluene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 99.1       | 0.0200        | 0.785 |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 102        | 0.0200        | 0.407 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 09/25/2024 | ND              | 0.060 | 101        | 0.0600        | 0.315 |           |  |
| Total BTEX     | <0.006 | 0.006           | 09/25/2024 | ND              |       |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: KV |     |            |               |      |           |  |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride*                    | 92.0   | 4.00            | 09/25/2024 | ND              | 104 | 104        | 100           | 0.00 |           |  |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: KV |      |            |               |       |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Sulfate*      | 132    | 25.0            | 09/27/2024 | ND              | 17.4 | 86.8       | 20.0          | 0.746 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: KV |     |            |               |        |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD    | Qualifier |  |
| TDS*      | 672    | 5.00            | 09/30/2024 | ND              | 826 | 82.6       | 1000          | 0.0879 |           |  |

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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |               |
|-------------------|-----------------------------------|---------------------|---------------|
| Received:         | 09/25/2024                        | Sampling Date:      | 09/19/2024    |
| Reported:         | 10/02/2024                        | Sampling Type:      | Water         |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Alyssa Parras |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |               |

**Sample ID: BIO SPARGE #2 (H245809-06)**

| BTEx 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |       |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|-------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 100        | 0.0200        | 0.792 |           |  |
| Toluene*       | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 99.1       | 0.0200        | 0.785 |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 09/25/2024 | ND              | 0.020 | 102        | 0.0200        | 0.407 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 09/25/2024 | ND              | 0.060 | 101        | 0.0600        | 0.315 |           |  |
| Total BTEX     | <0.006 | 0.006           | 09/25/2024 | ND              |       |            |               |       |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: KV |     |            |               |      |           |  |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride*                    | 128    | 4.00            | 09/25/2024 | ND              | 104 | 104        | 100           | 0.00 |           |  |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: KV |      |            |               |       |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Sulfate*      | 71.8   | 10.0            | 09/27/2024 | ND              | 17.4 | 86.8       | 20.0          | 0.746 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: KV |     |            |               |        |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD    | Qualifier |  |
| TDS*      | 586    | 5.00            | 09/30/2024 | ND              | 826 | 82.6       | 1000          | 0.0879 |           |  |

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

|     |                                                                                                                                                                |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ND  | Analyte NOT DETECTED at or above the reporting limit                                                                                                           |
| RPD | Relative Percent Difference                                                                                                                                    |
| **  | Samples not received at proper temperature of 6°C or below.                                                                                                    |
| *** | Insufficient time to reach temperature.                                                                                                                        |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager

101 East Marland - Hobbs, NM 88240  
Tel (575) 393-2326  
Fax (575) 393-2476

# Cardinal Laboratories, Inc.

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # \_\_\_\_\_

|                                                                                      |  |                                                                                      |  |                                |  |
|--------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|--------------------------------|--|
| Company Name:<br><b>RICE Operating Company</b>                                       |  | BILL TO Company:<br><b>RICE Operating Company</b>                                    |  | PO#                            |  |
| Project Manager:<br><b>Katie Jones</b>                                               |  | Address: (Street, City, Zip)<br><b>122 W Taylor Street ~ Hobbs, New Mexico 88240</b> |  |                                |  |
| Address: (Street, City, Zip)<br><b>122 W Taylor Street ~ Hobbs, New Mexico 88240</b> |  | Phone#:<br><b>(575) 393-9174</b>                                                     |  | Fax#:<br><b>(575) 397-1471</b> |  |
| Phone #:<br><b>(575) 393-9174</b>                                                    |  | Fax #:<br><b>(575) 397-1471</b>                                                      |  |                                |  |
| Project #:                                                                           |  | Project Name:<br><b>Hobbs N-6</b>                                                    |  |                                |  |
| Project Location:<br><b>T19S-R38E-Sec5&amp;6 E/H ~ Lea County - New Mexico</b>       |  | Sampler Signature: <i>Rozanne Johnson</i> (575) 631-9310                             |  |                                |  |

### ANALYSIS REQUEST

(Circle or Specify Method No.)

| LAB #<br>(LAB USE ONLY) | FIELD CODE      | (G)rab or (C)omp | # CONTAINERS | MATRIX |      |     |        | PRESERVATIVE METHOD |      |        |       |                     | SAMPLING |             | MTBE 8021B/602 | BTEX 8021B/602 | TPH 418.1/TX1005 / TX1005 Extended (C35) | PAH 8270C | Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7 | TCLP Metals Ag As Ba Cd Cr Pb Se Hg | TCLP Volatiles | TCLP Semi Volatiles | TCLP Pesticides | RCI | GC/MS Vol. 8260B/624 | GC/MS Semi. Vol. 8270C/625 | PCB's 8082/608 | Pesticides 8081A/608 | BOD, TSS, pH | Moisture Content | Cations (Ca, Mg, Na, K) | Anions (Cl, SO4, CO3, F) | Sulfates | Total Dissolved Solids | Chlorides | Turn Around Time ~ 24 Hours |      |
|-------------------------|-----------------|------------------|--------------|--------|------|-----|--------|---------------------|------|--------|-------|---------------------|----------|-------------|----------------|----------------|------------------------------------------|-----------|--------------------------------------------------|-------------------------------------|----------------|---------------------|-----------------|-----|----------------------|----------------------------|----------------|----------------------|--------------|------------------|-------------------------|--------------------------|----------|------------------------|-----------|-----------------------------|------|
|                         |                 |                  |              | WATER  | SOIL | AIR | SLUDGE | HCL (4.40ml VOA)    | HNO3 | NaHSO4 | H2SO4 | ICE (1-1Liter HDPE) | NONE     | DATE (2024) |                |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          |          |                        |           |                             | TIME |
|                         |                 |                  |              |        |      |     |        |                     |      |        |       |                     |          |             |                |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          |          |                        |           |                             |      |
| 1                       | Monitor Well #2 | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                   | 9/19     | 12:00       | X              |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          | X        | X                      | X         |                             |      |
| 2                       | Monitor Well #4 | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                   | 9/19     | 10:10       | X              |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          | X        | X                      | X         |                             |      |
| 3                       | Monitor Well #5 | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                   | 9/20     | 11:55       | X              |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          | X        | X                      | X         |                             |      |
| 4                       | Monitor Well #6 | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                   | 9/20     | 10:00       | X              |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          | X        | X                      | X         |                             |      |
| 5                       | IWW             | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                   | 9/20     | 14:50       | X              |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          | X        | X                      | X         |                             |      |
| 6                       | Bio Sparge #2   | G                | 5            | X      |      |     |        | 4                   |      |        |       | 1                   | 9/19     | 14:00       | X              |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          | X        | X                      | X         |                             |      |
|                         |                 |                  |              |        |      |     |        |                     |      |        |       |                     |          |             |                |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          |          |                        |           |                             |      |
|                         |                 |                  |              |        |      |     |        |                     |      |        |       |                     |          |             |                |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          |          |                        |           |                             |      |
|                         |                 |                  |              |        |      |     |        |                     |      |        |       |                     |          |             |                |                |                                          |           |                                                  |                                     |                |                     |                 |     |                      |                            |                |                      |              |                  |                         |                          |          |                        |           |                             |      |

|                                           |                                                          |                                                                          |                                               |                      |                   |
|-------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------|----------------------|-------------------|
| Relinquished by: <i>Rozanne Johnson</i>   | Date: <b>9/24/24</b>                                     | Time: <b>7:49</b>                                                        | Received by: <i>Sam Johnson</i>               | Date: <b>9/25/24</b> | Time: <b>7:50</b> |
| Relinquished by: <i>Sam Johnson</i>       | Date: <b>9/25/24</b>                                     | Time:                                                                    | Received By: (Laboratory Staff) <i>Asa...</i> | Date: <b>9-25-24</b> | Time: <b>9:26</b> |
| Delivered By: (Circle One)                | Sample Condition                                         |                                                                          | CHECKED BY:                                   |                      |                   |
| Sampler - UPS - Bus - Other: <b>Other</b> | Yes <input type="checkbox"/> No <input type="checkbox"/> | Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> | (Initials) <b>PR</b>                          |                      |                   |

|                                                                                                                                           |                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Phone Results                                                                                                                             | Yes <input type="checkbox"/> No <input type="checkbox"/>                        |
| Fax Results                                                                                                                               | Yes <input type="checkbox"/> No <input type="checkbox"/> Additional Fax Number: |
| REMARKS:                                                                                                                                  |                                                                                 |
| Email Results: <a href="mailto:kjones@riceswd.com">kjones@riceswd.com</a><br><a href="mailto:rozanne@sdacres.com">rozanne@sdacres.com</a> |                                                                                 |



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December 09, 2024

KATIE JONES

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: HOBBS N-6

Enclosed are the results of analyses for samples received by the laboratory on 11/25/24 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

|                  |                              |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                  |
|-------------------|-----------------------------------|---------------------|------------------|
| Received:         | 11/25/2024                        | Sampling Date:      | 11/22/2024       |
| Reported:         | 12/09/2024                        | Sampling Type:      | Water            |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact    |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                  |

**Sample ID: MONITOR WELL # 2 (H247224-01)**

| BTEX 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 104        | 0.0200        | 4.80 |           |
| Toluene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 103        | 0.0200        | 3.72 |           |
| Ethylbenzene*  | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 106        | 0.0200        | 2.14 |           |
| Total Xylenes* | <0.003 | 0.003           | 11/26/2024 | ND              | 0.062 | 104        | 0.0600        | 1.85 |           |
| Total BTEX     | <0.006 | 0.006           | 11/26/2024 | ND              |       |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 56.0   | 4.00            | 11/27/2024 | ND              | 100 | 100        | 100           | 3.92 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 83.2   | 25.0            | 12/02/2024 | ND              | 18.0 | 90.2       | 20.0          | 5.29 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| TDS*      | 565    | 5.00            | 12/04/2024 | ND              | 869 | 86.9       | 1000          | 0.710 |           |

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\*=Accredited Analyte

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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

Received: 11/25/2024  
 Reported: 12/09/2024  
 Project Name: HOBBS N-6  
 Project Number: NONE GIVEN  
 Project Location: T19S-R38E-SEC5&6 E/H ~LEA CO - NM

Sampling Date: 11/22/2024  
 Sampling Type: Water  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: MONITOR WELL # 4 (H247224-02)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 104        | 0.0200        | 4.80 |           |  |
| Toluene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 103        | 0.0200        | 3.72 |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 106        | 0.0200        | 2.14 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 11/26/2024 | ND              | 0.062 | 104        | 0.0600        | 1.85 |           |  |
| Total BTX      | <0.006 | 0.006           | 11/26/2024 | ND              |       |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 92.0   | 4.00            | 11/27/2024 | ND              | 100 | 100        | 100           | 3.92 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 124    | 25.0            | 12/02/2024 | ND              | 18.0 | 90.2       | 20.0          | 5.29 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| TDS*      | 624    | 5.00            | 12/04/2024 | ND              | 869 | 86.9       | 1000          | 0.710 |           |  |

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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                  |
|-------------------|-----------------------------------|---------------------|------------------|
| Received:         | 11/25/2024                        | Sampling Date:      | 11/25/2024       |
| Reported:         | 12/09/2024                        | Sampling Type:      | Water            |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact    |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                  |

**Sample ID: MONITOR WELL # 5 (H247224-03)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 104        | 0.0200        | 4.80 |           |  |
| Toluene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 103        | 0.0200        | 3.72 |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 106        | 0.0200        | 2.14 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 11/26/2024 | ND              | 0.062 | 104        | 0.0600        | 1.85 |           |  |
| Total BTX      | <0.006 | 0.006           | 11/26/2024 | ND              |       |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |  |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride*                    | 40.0   | 4.00            | 11/27/2024 | ND              | 100 | 100        | 100           | 3.92 |           |  |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 72.3   | 25.0            | 12/02/2024 | ND              | 18.0 | 90.2       | 20.0          | 5.29 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| TDS*      | 434    | 5.00            | 12/03/2024 | ND              | 869 | 86.9       | 1000          | 0.710 |           |

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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

Received: 11/25/2024  
 Reported: 12/09/2024  
 Project Name: HOBBS N-6  
 Project Number: NONE GIVEN  
 Project Location: T19S-R38E-SEC5&6 E/H ~LEA CO - NM

Sampling Date: 11/25/2024  
 Sampling Type: Water  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: MONITOR WELL # 6 (H247224-04)**

| BTX 8021B      |        | mg/L            |            | Analyzed By: JH |       |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 104        | 0.0200        | 4.80 |           |
| Toluene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 103        | 0.0200        | 3.72 |           |
| Ethylbenzene*  | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 106        | 0.0200        | 2.14 |           |
| Total Xylenes* | <0.003 | 0.003           | 11/26/2024 | ND              | 0.062 | 104        | 0.0600        | 1.85 |           |
| Total BTX      | <0.006 | 0.006           | 11/26/2024 | ND              |       |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride*                    | 68.0   | 4.00            | 11/27/2024 | ND              | 100 | 100        | 100           | 3.92 |           |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Sulfate*      | 89.5   | 25.0            | 12/02/2024 | ND              | 18.0 | 90.2       | 20.0          | 5.29 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| TDS*      | 534    | 5.00            | 12/03/2024 | ND              | 869 | 86.9       | 1000          | 0.710 |           |  |

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

|                   |                                   |                     |                  |
|-------------------|-----------------------------------|---------------------|------------------|
| Received:         | 11/25/2024                        | Sampling Date:      | 11/25/2024       |
| Reported:         | 12/09/2024                        | Sampling Type:      | Water            |
| Project Name:     | HOBBS N-6                         | Sampling Condition: | Cool & Intact    |
| Project Number:   | NONE GIVEN                        | Sample Received By: | Shalyn Rodriguez |
| Project Location: | T19S-R38E-SEC5&6 E/H ~LEA CO - NM |                     |                  |

**Sample ID: IWW (H247224-05)**

| BTEx 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |      |           |  |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|------|-----------|--|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD  | Qualifier |  |
| Benzene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 104        | 0.0200        | 4.80 |           |  |
| Toluene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 103        | 0.0200        | 3.72 |           |  |
| Ethylbenzene*  | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 106        | 0.0200        | 2.14 |           |  |
| Total Xylenes* | <0.003 | 0.003           | 11/26/2024 | ND              | 0.062 | 104        | 0.0600        | 1.85 |           |  |
| Total BTEX     | <0.006 | 0.006           | 11/26/2024 | ND              |       |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |  |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride*                    | 124    | 4.00            | 11/27/2024 | ND              | 100 | 100        | 100           | 3.92 |           |  |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |  |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |  |
| Sulfate*      | 117    | 25.0            | 12/02/2024 | ND              | 18.0 | 90.2       | 20.0          | 5.29 |           |  |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| TDS*      | 595    | 5.00            | 12/03/2024 | ND              | 869 | 86.9       | 1000          | 0.710 |           |  |

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

Rice Operating Company  
 KATIE JONES  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

Received: 11/25/2024  
 Reported: 12/09/2024  
 Project Name: HOBBS N-6  
 Project Number: NONE GIVEN  
 Project Location: T19S-R38E-SEC5&6 E/H ~LEA CO - NM

Sampling Date: 11/22/2024  
 Sampling Type: Water  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: BIO SPARGE #2 (H247224-06)**

| BTEx 8021B     |        | mg/L            |            | Analyzed By: JH |       |            |               |      |           |
|----------------|--------|-----------------|------------|-----------------|-------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS    | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 104        | 0.0200        | 4.80 |           |
| Toluene*       | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 103        | 0.0200        | 3.72 |           |
| Ethylbenzene*  | <0.001 | 0.001           | 11/26/2024 | ND              | 0.021 | 106        | 0.0200        | 2.14 |           |
| Total Xylenes* | <0.003 | 0.003           | 11/26/2024 | ND              | 0.062 | 104        | 0.0600        | 1.85 |           |
| Total BTEX     | <0.006 | 0.006           | 11/26/2024 | ND              |       |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

| Chloride, SM4500Cl-B (Water) |        | mg/L            |            | Analyzed By: AC |     |            |               |      |           |  |
|------------------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte                      | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride*                    | 88.0   | 4.00            | 11/27/2024 | ND              | 100 | 100        | 100           | 3.92 |           |  |

| Sulfate 375.4 |        | mg/L            |            | Analyzed By: AC |      |            |               |      |           |
|---------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte       | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Sulfate*      | 112    | 25.0            | 12/02/2024 | ND              | 18.0 | 90.2       | 20.0          | 5.29 |           |

| TDS 160.1 |        | mg/L            |            | Analyzed By: HM |     |            |               |       |           |  |
|-----------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte   | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD   | Qualifier |  |
| TDS*      | 630    | 5.00            | 12/04/2024 | ND              | 869 | 86.9       | 1000          | 0.710 |           |  |

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

|     |                                                                                                                                                                |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ND  | Analyte NOT DETECTED at or above the reporting limit                                                                                                           |
| RPD | Relative Percent Difference                                                                                                                                    |
| **  | Samples not received at proper temperature of 6°C or below.                                                                                                    |
| *** | Insufficient time to reach temperature.                                                                                                                        |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager

## Cardinal Laboratories, Inc.

## LAB Order ID #

(Circle or Specify Method No.)

Sampler Signature: Rozanne Johnson (575)631-9310

Turn Around Time ~ 24 Hours

Additional Fax Number:

[rozanne@sdacres.com](mailto:rozanne@sdacres.com)

(Initials) 

Sampler - UPS - Bus A Other:

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

CONDITIONS

Action 447117

CONDITIONS

|                                                                       |                                                                          |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>RICE OPERATING COMPANY<br>PO Box 5630<br>Hobbs, NM 88241 | OGRID:<br>19174                                                          |
|                                                                       | Action Number:<br>447117                                                 |
|                                                                       | Action Type:<br>[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT) |

CONDITIONS

| Created By | Condition                                                                                                                                                                                                                                                                                                                                                                                     | Condition Date |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| jburdine   | Review of the 2024 Annual Groundwater Report and Path Forward for Hobbs SWD System: approved 1. Continue to sample groundwater wells on a quarterly basis 2. Continue to use PSH absorbent sock with bi-weekly changeouts 3. Remove LNAPL as available bailing or install pump skimmer in BS1 and MW-1 if necessary 4. Submit the 2025 Annual groundwater monitoring report by April 1, 2026. | 7/18/2025      |