

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**HSR 63N66W13SENW**  
**WELD COUNTY, COLORADO**  
**KERR-MCGEE OIL & GAS ONSHORE LP**

| Soil Sample ID                | Depth (bgs) | Date       | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylenes (mg/kg) | DRO (mg/kg) | GRO (mg/kg) | ORO (mg/kg)    | pH (su)    | Specific Conductance (mmhos/cm) |
|-------------------------------|-------------|------------|-----------------|-----------------|----------------------|-----------------------|-------------|-------------|----------------|------------|---------------------------------|
| E01 @ 5'                      | 5'          | 02/08/2016 | <0.002          | <0.002          | <0.002               | <0.002                | <25         | <0.200      | <100           | 6.80       | 0.0689                          |
| N01 @ 5'                      | 5'          | 02/08/2016 | <b>19.1</b>     | 62.1            | 11.2                 | 123                   | <b>1200</b> | <b>2230</b> | <b>&lt;100</b> | 7.85       | 0.0707                          |
| S01 @ 5'                      | 5'          | 02/08/2016 | 0.017           | 0.009           | <0.002               | <0.002                | <25         | <0.200      | <100           | 6.93       | 0.0719                          |
| W01 @ 5'                      | 5'          | 02/08/2016 | 0.169           | 0.420           | <0.100               | 0.331                 | <25         | <5.00       | <100           | 7.33       | 0.0291                          |
| W02 @ 5'                      | 5'          | 02/08/2016 | <0.100          | <0.100          | <0.100               | <0.100                | <25         | <5.00       | <100           | 7.32       | 0.0378                          |
| N02 @ 5'                      | 5'          | 02/09/2016 | <0.002          | <0.002          | <0.002               | <0.002                | <25         | <0.200      | <100           | 7.95       | 0.0501                          |
| <b>COGCC Allowable Levels</b> |             |            | <b>0.17</b>     | <b>85</b>       | <b>100</b>           | <b>175</b>            | <b>500*</b> | <b>500*</b> | <b>500*</b>    | <b>6-9</b> | <b>4</b>                        |

Notes: bgs - below ground surface  
COGCC - Colorado Oil and Gas Conservation Commission  
DRO - diesel range organics  
GRO - gasoline range organics  
mg/kg - milligrams per kilogram  
mmhos/cm - millimhos per centimeter

NA - not analyzed/not available  
ORO - oil range organics  
su - standard units  
\* - Standard applies to combined DRO-GRO-ORO  
< - less than laboratory reporting limit  
Bold indicates result exceeds allowable level



**TABLE 2**  
**GROUNDWATER ANALYTICAL AND FIELD RESULTS**  
**HSR 63N66W13SEW**  
**WELD COUNTY, COLORADO**  
**KERR-MCGEE OIL & GAS ONSHORE LP**

| <b>Well Name</b> | <b>Date</b> | <b>Benzene<br/>(µg/L)</b> | <b>Toluene<br/>(µg/L)</b> | <b>Ethylbenzene<br/>(µg/L)</b> | <b>Total<br/>Xylenes<br/>(µg/L)</b> | <b>Depth Water/<br/>(Product Thickness)<br/>(ft bgs)</b> |
|------------------|-------------|---------------------------|---------------------------|--------------------------------|-------------------------------------|--|
| GW01             | 02/08/2016  | <b>3630</b>               | <b>6090</b>               | 232                            | <b>3200</b>                         | 7.00   |
| GW02             | 02/10/2016  | <b>603</b>                | <b>1930</b>               | 214                            | <b>3040</b>                         | 7.00   |
| <b>CGWQS</b>     |             | <b>5</b>                  | <b>1000</b>               | <b>700</b>                     | <b>1400</b>                         |  |

Notes: CGWQS - Colorado Groundwater Quality Standards  
ft bgs - feet below ground surface  
NA - not analyzed/not available  
NM - not measured

µg/L - micrograms per liter  
< - less than laboratory reporting limit  
Bold indicates result exceeds allowable level  
Excavation groundwater depth is approximate

