

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**HATCH UPRR 42-11 #1**  
**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)
B01@5'	5'	02/07/2018	<0.050	<0.050	<0.050	<0.050	<25.0	6.45	<100	8.26	0.0380
E01@4'	4'	02/07/2018	0.005	0.020	0.145	0.313	<25.0	4.10	<100	6.28	0.0168
N01@4'	4'	02/07/2018	<0.002	0.005	0.010	0.018	<25.0	<0.200	<100	6.28	0.0112
S01@4'	4'	02/07/2018	<0.050	<0.050	<0.050	<0.050	<25.0	<5.00	<100	6.42	0.0113
W01@4'	4'	02/07/2018	<b>0.362</b>	12.2	51.7	147	<b>1070</b>	<b>2800</b>	<b>&lt;100</b>	6.26	0.0156
W02@13'	13'	02/08/2018	<0.050	0.107	0.920	1.52	229	71.8	<100	8.59	0.0625
E02@13'	13'	02/12/2018	<0.050	<0.050	<0.050	<0.050	<25.0	<5.00	<100	8.45	0.0711
N02@13'	13'	02/12/2018	<0.002	<0.002	<0.002	<0.002	<25.0	<0.200	<100	8.44	0.0973
S02@13'	13'	02/12/2018	<0.050	<0.050	<0.050	<0.050	<25.0	8.34	<100	8.23	0.0872
<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**  
**HATCH UPRR 42-11 #1**  
**WELD COUNTY, COLORADO**  
**KERR-MCGEE OIL & GAS ONSHORE LP**

<b>Well Name</b>	<b>Date</b>	<b>Benzene (µg/L)</b>	<b>Toluene (µg/L)</b>	<b>Ethylbenzene (µg/L)</b>	<b>Total Xylenes (µg/L)</b>	<b>Depth Water/ (Product Thickness) (ft bgs)</b>
GW01	02/12/2018	<b>167</b>	772	130	<b>2180</b>	17.00
<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

