

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**CAMP 13-19A**  
**WELD COUNTY, COLORADO**  
**KERR-MCGEE OIL & GAS ONSHORE, LP**

COGCC Allowable Concentration (Soil) -->				Organics (mg/kg)										
				500			0.17	85	100	175	23	4	(6-9)	12
Sample ID:	Sample Date:	Sample Depth (feet bgs):	Photoionization Detector Reading (ppm):	TPH-GRO (C6-C10) Low Fraction	TPH-DRO (C10-C28) High Fraction	TPH-RRO (C28-C40) High Fraction	Benzene	Toluene	Ethylbenzene	Xylenes - total	Naphthalene	EC (<4 mmhos/cm or 2x background)	pH (unit)	SAR
B01@5'	12/10/2019	5'	256	522	1070	341	0.083	0.077	0.075	<0.050	0.972	0.189	7.70	5.46
E01@4'	12/10/2019	4'	7.5	31.7	<25.0	<100	0.129	<0.050	<0.050	<0.050	0.223	NA	NA	NA
N01@4'	12/10/2019	4'	96.4	546	1150	292	0.096	<0.050	0.188	0.245	0.580	NA	NA	NA
S01@4'	12/10/2019	4'	0.0	18.7	228	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
W01@4'	12/10/2019	4'	0.0	<5.00	<25.0	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
B02@6.5'	12/13/2019	6.5'	2.2	<5.00	<25.0	<100	<0.050	<0.050	<0.050	<0.050	<0.200	0.0599	7.46	3.18
B03@6.5'	12/13/2019	6.5'	2.0	<5.00	<25.0	<100	<0.050	<0.050	<0.050	<0.050	<0.200	0.0370	8.86	2.80
E02@4'	12/13/2019	4'	3.0	<5.00	<25.0	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
N02@4'	12/13/2019	4'	530.2	55.0	471	111	<0.050	<0.050	<0.050	<0.050	0.416	NA	NA	NA
W02@4'	12/13/2019	4'	90.8	99.4	333	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
N03@4'	12/16/2019	4'	0.4	<5.00	<25.0	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA

Notes: mg/kg - milligrams per kilogram  
COGCC - Colorado Oil and Gas Conservation Commission  
bgs - below ground surface  
ppm - parts per million  
TPH - total petroleum hydrocarbons  
GRO - gasoline range organics  
DRO - diesel range organics

RRO - residual range organics  
EC - Specific Conductance  
mmhos/cm - millimhos per centimeter  
SAR - Sodium Adsorption Ratio  
NA - not analyzed  
**Bold** indicates result exceeds allowable level



**TABLE 2**  
**GROUNDWATER ANALYTICAL AND FIELD RESULTS**  
**CAMP 13-19A**  
**WELD COUNTY, COLORADO**  
**KERR-MCGEE OIL & GAS ONSHORE, LP**

Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Depth to Water/ (Product Thickness) (ft bgs)
<b>COGCC Allowable Levels</b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1400</b>	
GW01	12/10/2019	<b>37.8</b>	<4.00	4.44	<4.00	5.00
GW02	12/13/2019	<4.00	<4.00	<4.00	<4.00	5.00

Notes: COGCC - Colorado Oil and Gas Conservation Commission  
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

