

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**UPRR X13-06**  
**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)
SS10A	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.66	0.197
SS10B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.80	0.209
SS10C	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.60	0.296
SS10D	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.91	0.166
SS11A	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.62	0.194
SS11B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.48	0.215
SS11C	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.62	0.390
SS11D	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.68	0.184
SS12B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.83	0.0652
SS12C	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.55	0.175
SS13B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.37	0.216
SS13C	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.73	0.131
SS1A	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.61	0.291
SS1B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.71	0.222
SS1C	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.45	0.378
SS2A	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.76	0.190
SS2B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.54	0.314
SS2C	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.73	0.251
SS2D	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.57	0.296
SS3A	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.45	0.374
SS3B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.41	0.360
SS3C	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	230	7.28	0.316



**TABLE 1 (Continued)**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**UPRR X13-06**  
**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)
SS3D	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.61	0.405
SS4A	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	120	7.54	0.415
SS4B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.52	0.608
SS4C	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.52	0.240
SS4D	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.56	0.378
SS5A	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.39	0.304
SS5B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.56	0.282
SS5C	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.48	0.359
SS5D	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	110	7.37	0.280
SS5E	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.72	0.221
SS6A	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.55	0.336
SS6B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.83	0.211
SS6D	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	6.99	0.437
SS6E	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.70	0.321
SS6F	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.63	0.393
SS7B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.76	0.395
SS7E	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.70	0.275
SS7F	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.76	0.311
SS8B	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.64	0.222
SS8E	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.61	0.290
SS9A	Surface	08/26/2015	<0.002	<0.002	<0.002	<0.002	<25	<0.200	<100	7.68	0.257
SS9D	Surface	08/26/2015	<0.050	<0.050	<0.050	<0.050	<25	<5.00	<100	7.48	0.622



**TABLE 1 (Continued)**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
**UPRR X13-06**  
**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'	09/01/2015	<0.002	<0.002	<0.002	0.040	65	2.74	<100	8.74	0.526
B02 @ 2'	2'	09/01/2015	<0.002	<0.002	<0.002	<0.002	33	0.290	<100	8.51	0.420
E01 @ 1'	1'	09/01/2015	<0.002	0.002	<0.002	0.022	<25	0.449	<100	8.35	0.458
N01 @ 1'	1'	09/01/2015	<0.002	<0.002	<0.002	0.020	55	0.474	<100	8.00	0.412
N02 @ 1'	1'	09/01/2015	<0.002	<0.002	<0.002	0.008	44	0.301	<100	8.24	0.512
S01 @ 3'	3'	09/01/2015	<0.002	<0.002	<0.002	<0.002	59	2.39	<100	8.20	0.601
S02 @ 3'	3'	09/01/2015	<0.002	<0.002	<0.002	<0.002	<25	0.256	<100	8.33	0.446
SS6C @ 2"	2"	09/01/2015	<0.002	0.002	<0.002	0.005	61	<0.200	<100	8.08	0.222
SS7C @ 2"	2"	09/01/2015	<0.002	0.002	<0.002	0.013	120	<0.200	120	7.60	0.300
SS7D @ 2"	2"	09/01/2015	<0.002	0.002	<0.002	0.011	41	0.224	<100	7.88	0.250
SS8C @ 2"	2"	09/01/2015	<0.050	<0.050	<0.050	0.490	92	55.3	<100	8.08	0.284
SS8D @ 2"	2"	09/01/2015	<0.002	<0.002	<0.002	0.008	<25	0.451	<100	8.35	0.149
SS9B @ 2"	2"	09/01/2015	<0.002	0.002	<0.002	0.016	26	0.239	<100	8.16	0.400
W01 @ 1'	1'	09/01/2015	<0.002	<0.002	<0.002	0.011	44	0.278	<100	8.41	0.390
<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

