

**TABLE 1**  
**16-80-40-4" GATHERING LINE**  
**SOIL SAMPLE RESULTS SUMMARY TABLE**  
**KERR-McGEE GATHERING LLC**

Sample Location	Date	Depth (ft. bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)
<b>COGCC standards for soil (mg/kg) <sup>(1)</sup></b>			<b>0.17</b>	<b>85</b>	<b>100</b>	<b>175</b>	<b>500</b>		
SS01	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	208
SS02	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS03	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	138
SS04	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	113
SS05	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS06	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	161
SS07	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	164
SS08	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	205
SS09	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	70.9	259
SS10	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	33.8	<100
SS11	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<b>&lt;5.00</b>	<b>1,710</b>	<b>2,860</b>
SS12	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	157	264
SS13	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	25.2	162
SS14	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	39.3	213
SS15	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	27.2	148
SS16	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	44.8	<100
SS17	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS18	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	77.6	<100
SS19	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	190	131
SS20	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	243	154
SS21	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	41.0	151
SS22	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS23	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS24	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS25	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<b>&lt;5.00</b>	<b>360</b>	<b>212</b>
SS26	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS27	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	53.0	<100
SS28	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	111	169
SS29	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<b>&lt;5.00</b>	<b>111</b>	<b>760</b>
SS30	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	75.9	129
SS31	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	68.0	<100
SS32	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS33	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS34	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	54.8	<100
SS35	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	163	145
SS36	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS37	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	128
SS38	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	26.8	<100
SS39	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	30.6	<100
SS40	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100

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**16-80-40-4" GATHERING LINE**  
**SOIL SAMPLE RESULTS SUMMARY TABLE**  
**KERR-McGEE GATHERING LLC**

Sample Location	Date	Depth (ft. bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)
<b>COGCC standards for soil (mg/kg) <sup>(1)</sup></b>			<b>0.17</b>	<b>85</b>	<b>100</b>	<b>175</b>	<b>500</b>		
SS41	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS42	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS43	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	29.5	<100
SS44	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	103	<100
SS45	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	55.6	133
SS46	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	109	<100
SS47	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	246	169
SS48	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	57.8	<100
SS49	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	57.7	<100
SS50	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	103	119
SS51	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	137	132
SS52	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS53	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	28.8	<100
SS54	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	35.9	213
SS55	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	33.4	<100
SS56	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS57	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	115
SS58	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS59	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	261
SS60	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS61	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS62	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS63	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS64	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS65	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	55.5	398
SS66	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<b>&lt;5.00</b>	<b>116</b>	<b>730</b>
SS67	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	30.4	<100
SS68	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	51.8	180
SS69	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	129
SS70	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS71	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS72	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	126
SS73	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	95.6	154
SS74	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS75	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	38.3	<100
SS76	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	43.8	<100
SS77	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	49.1	<100
SS78	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<b>&lt;5.00</b>	<b>138</b>	<b>414</b>
SS79	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	202
SS80	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	37.4	<100

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<b>COGCC standards for soil (mg/kg) <sup>(1)</sup></b>			<b>0.17</b>	<b>85</b>	<b>100</b>	<b>175</b>	<b>500</b>		
SS81	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS82	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS83	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS84	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	35.3	<100
SS85	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	59.7	<100
SS86	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	29.3	136
SS87	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS88	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	25.7	248
SS89	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<b>&lt;5.00</b>	<b>235</b>	<b>1,980</b>
SS90	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<b>&lt;5.00</b>	<b>81.0</b>	<b>831</b>
SS91	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	96.9	197
SS92	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS93	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	111
SS94	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	97.4	147
SS95	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS96	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	29.2	<100
SS97	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS98	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	135
SS99	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	49.3	174
SS100	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	48.0	147
SS101	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS102	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	66.9	<100
SS103	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
SS104	07/03/17	0 - 0.25	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100
CS01	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	43.2	<100
CS02	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	45.7	252
CS03	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	171	157
CS04	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	77.7	106
CS05	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	43.0	<100
CS06	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	41.3	<100
CS07	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	41.7	<100
CS08	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	27.2	<100
CS09	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	43.5	143
CS10	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	31.4	<100
CS11	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	28.1	<100
CS12	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	38.6	<100
CS13	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<b>&lt;0.200</b>	<b>86.9</b>	<b>571</b>
CS14	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	26.4	127
CS15	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	64.5	<100
CS16	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100

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Sample Location	Date	Depth (ft. bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)
<b>COGCC standards for soil (mg/kg) <sup>(1)</sup></b>			<b>0.17</b>	<b>85</b>	<b>100</b>	<b>175</b>	<b>500</b>		
CS17	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS18	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	124	<100
CS19	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	29.6	110
CS20	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS21	07/05/17	0 - 0.25	<0.002	<0.002	<0.002	<0.002	<0.200	28.0	216
SS11-R	07/07/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
SS25-R	07/07/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	67.7	<100
SS29-R	07/07/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
SS66-R	07/07/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
SS78-R	07/07/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	103
SS89-R	07/07/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	40.7	198
SS90-R	07/07/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	41.5	<100
CS13-R	07/10/17	0 - 0.25	<0.002	<0.002	0.002	<0.002	<0.200	44.2	<100
CS22	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS23	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS24	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS25	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS26	09/15/17	0.25 - 0.5	<0.002	0.002	<0.002	0.006	<0.200	<25.0	<100
CS27	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS28	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS29	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS30	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS31	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS32	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS33	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS34	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS35	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS36	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS37	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS38	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS39	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100
CS40	09/15/17	0.25 - 0.5	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100

**TABLE 1**  
**16-80-40-4" GATHERING LINE**  
**SOIL SAMPLE RESULTS SUMMARY TABLE**  
**KERR-McGEE GATHERING LLC**

Sample Location	Date	Depth (ft. bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)
<b>COGCC standards for soil (mg/kg) <sup>(1)</sup></b>			<b>0.17</b>	<b>85</b>	<b>100</b>	<b>175</b>	<b>500</b>		

**Notes:**

(1) Standards for soil are taken from 2 CCR 404-1, Table 910-1, effective January 30, 2015.

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

TVPH - GRO = Total volatile petroleum hydrocarbons - gasoline range organics

TEPH - DRO = Total extractable petroleum hydrocarbons - diesel range organics

TEPH - ORO = Total extractable petroleum hydrocarbons - oil range organics

mg/kg = Milligrams per kilogram.

ft. bgs = Feet below ground surface.

**BOLD** = Analytical result is in exceedance of COGCC Table 910-1 soil standards.

**TABLE 2**  
**16-80-40-4" GATHERING LINE**  
**WATER SAMPLE RESULTS SUMMARY TABLE**  
**KERR-McGEE GATHERING LLC**

Sample Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
<b>COGCC Standards for groundwater (µg/L) <sup>(1)</sup></b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1,400</b>
North Trough	07/05/17	<1.00	<1.00	<1.00	<1.00
South Trough	07/05/17	<1.00	<1.00	<1.00	<1.00

**Notes:**

(1) Standards for groundwater are taken from 2 CCR 404-1, Table 910-1, effective January 30, 2015.

COGCC = Colorado Oil and Gas Conservation Commission

(<) = Analytical result is less than the indicated laboratory reporting limit.

µg/L = Micrograms per liter.

**BOLD** = Analytical result is in exceedance of COGCC Table 910-1 groundwater standards.