

**TABLE 1**  
**BROWN 32-35**  
**SOIL SAMPLE RESULTS SUMMARY TABLE**  
**KERR-McGEE OIL AND GAS ONSHORE LP**

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)	EC (mmhos/cm)	pH (units)
<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>			<b>4 mmhos/cm or 2x BG</b>	<b>6-9</b>
B01@8'	01/25/19	8	0.140	0.496	0.261	2.32	47.0	<25.0	<100	NA	NA
N01@17'	03/25/19	17	<0.050	<0.050	<0.050	<0.050	<b>230</b>	<b>924</b>	<b>249</b>	0.0966	<b>9.55*</b>
N02@17'	03/25/19	17	<b>2.94</b>	14.8	5.02	46.2	<b>1,350</b>	<b>1,960</b>	<b>565</b>	0.0909	<b>9.40*</b>
E01@17'	03/25/19	17	0.094	47.8	21.4	<b>177</b>	<b>6,860</b>	<b>4,530</b>	<b>1,290</b>	0.0767	<b>9.62*</b>
W01@17'	03/25/19	17	<b>1.40</b>	9.93	3.24	31.1	<b>1,100</b>	<b>1,600</b>	<b>428</b>	0.0701	8.60
S04@17'	03/27/19	17	<0.050	4.03	2.62	23.1	<b>645</b>	<b>2,930</b>	<b>727</b>	0.102	7.81
S05@17'	03/29/19	17	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100	0.0569	6.92
S06@17'	03/29/19	17	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100	0.0523	6.84
E02@17'	04/01/19	17	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	0.0733	7.32
E03@17'	04/01/19	17	<0.0500	<0.0500	<0.0500	<0.0500	<5.00	<25.0	<100	0.0770	7.39
W04@17'	04/01/19	17	<0.0500	0.358	0.171	1.68	67.9	106	<100	0.0622	7.66
W05@17'	04/01/19	17	<0.0500	0.955	0.760	7.48	<b>400</b>	<b>191</b>	<b>&lt;100</b>	0.0538	7.59
S07@17'	04/01/19	17	<0.0500	<0.0500	<0.0500	<0.0500	<5.00	<25.0	<100	0.0565	7.73
W06@17'	04/04/19	17	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100	0.0685	7.81
W07@17'	04/12/19	17	<b>0.653</b>	0.327	1.54	10.5	<b>473</b>	<b>750</b>	<b>200</b>	0.0626	8.21
N03@17'	04/12/19	17	<0.0500	0.0985	0.349	3.33	<b>472</b>	<b>3,310</b>	<b>927</b>	0.0630	8.89
N04@17'	04/12/19	17	<0.0500	0.0575	<0.0500	<0.0500	<5.00	<25.0	<100	0.0538	8.99
N05@17'	04/12/19	17	<b>0.340</b>	1.98	0.809	7.97	<b>210</b>	<b>469</b>	<b>121</b>	0.0852	8.09
E04@17'	04/12/19	17	<0.0500	<0.0500	<0.0500	<0.0500	<5.00	<25.0	<100	0.0707	7.95
N06@17'	04/16/19	17	<0.0500	<0.0500	<0.0500	<0.0500	<5.00	<25.0	<100	0.0822	7.77
N07@17'	04/16/19	17	<0.0500	<0.0500	<0.0500	<0.0500	12.5	231	<100	0.0738	8.72
W08@17'	04/16/19	17	<0.0500	<0.0500	<0.0500	<0.0500	23.9	347	<100	0.0659	8.78
W09@17'	04/16/19	17	<0.0500	<0.0500	<0.0500	<0.0500	<5.00	<25.0	<100	0.0961	8.40

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COGCC standards for soil (mg/kg) <sup>(1)</sup>			0.17	85	100	175	500			4 mmhos/cm or 2x BG	6-9

**Notes:**

(1) Standards for soil are taken from 2 CCR 404-1, Table 910-1, effective May 1, 2018.

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

EC = Electrical conductivity

mmhos/cm = Millimhos per centimeter

mg/kg = Milligrams per kilogram.

ft. bgs = Feet below ground surface.

NA = Constituent not analyzed.

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

\* pH sample was collected below the designated root zone (>3' bgs)