

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)
COGCC standards for soil (mg/kg) ⁽¹⁾			0.17	85	100	175	500			4 mmhos/cm or 2x BG	6-9
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	230	924	249	0.0966	9.55*
N02@17'	03/25/19	17	2.94	14.8	5.02	46.2	1,350	1,960	565	0.0909	9.40*
E01@17'	03/25/19	17	0.094	47.8	21.4	177	6,860	4,530	1,290	0.0767	9.62*
W01@17'	03/25/19	17	1.40	9.93	3.24	31.1	1,100	1,600	428	0.0701	8.60
S04@17'	03/27/19	17	<0.050	4.03	2.62	23.1	645	2,930	727	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	400	191	<100	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	0.653	0.327	1.54	10.5	473	750	200	0.0626	8.21
N03@17'	04/12/19	17	<0.0500	0.0985	0.349	3.33	472	3,310	927	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	0.340	1.98	0.809	7.97	210	469	121	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) ⁽¹⁾			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)