

TABLE 1
CPC 41-10 #1, CHAMPLIN 31-10 #3, 32-10 #2, AND 42-10 #4 PRODUCTION FACILITY
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@11'	09/20/17	11	<0.050	<0.050	<0.050	<0.050	5.07	198	<100	1.79	7.97
N01@10'	09/20/17	10	<0.050	<0.050	0.586	0.345	150	389	107	0.467	8.33
S01@10'	09/20/17	10	<0.050	<0.050	0.594	<0.050	112	668	200	1.61	7.84
E01@10'	09/20/17	10	<0.050	<0.050	0.288	1.28	178	491	122	0.724	7.91
W01@10'	09/20/17	10	<0.050	<0.050	0.640	0.226	126	410	153	1.10	8.46
B02@12'	09/27/17	12	<0.002	<0.002	0.020	<0.002	8.40	35.9	<100	0.532	7.73
N02@10'	09/27/17	10	<0.050	<0.050	0.133	0.120	51.6	277	<100	0.531	7.68
E02@10'	09/29/17	10	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	1.87	6.93
S02@10'	09/29/17	10	<0.050	<0.050	0.404	0.516	136	556	217	0.510	7.68
B03@6'	09/29/17	6	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.311	8.00
B04@6'	09/29/17	6	0.010	<0.002	0.005	0.006	0.317	<25.0	<100	0.350	7.94
E03@5'	09/29/17	5	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100	0.382	8.29
S03@5'	09/29/17	5	<0.050	<0.050	<0.050	<0.050	<5.00	<25.0	<100	0.466	8.28
N03@10'	09/29/17	10	<0.050	<0.050	0.516	0.750	152	332	117	0.192	8.76
W02@10'	09/29/17	10	<0.050	<0.050	<0.050	<0.050	40.8	304	125	0.332	8.52
N04@10'	10/04/17	10	<0.050	<0.050	<0.050	<0.050	301	300	105	0.279	7.89
E04@10'	10/04/17	10	<0.050	<0.050	<0.050	<0.050	51.7	320	127	0.715	8.14
N05@10'	10/05/17	10	<0.050	<0.050	<0.050	<0.050	15.3	40.2	<100	0.321	7.47
W03@9'	10/05/17	9	<0.050	<0.050	<0.050	<0.050	35.4	180	<100	0.170	8.05
B06@11'	10/05/17	11	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.523	8.03
S04@9'	10/16/17	9	<0.050	<0.002	1.30	2.78	730	594	<100	0.470	8.32
S05@10'	10/16/17	10	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.281	8.86
E05@10'	10/17/17	10	0.516	0.098	6.02	4.88	676	681	<100	1.08	7.16
W04@10'	10/17/17	10	<0.050	<0.050	<0.050	<0.050	5.94	54.2	<100	1.56	7.33
S06@8'	10/17/17	8	<0.050	<0.050	<0.050	<0.050	69.7	354	<100	0.501	7.80
B07@11'	10/17/17	11	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.798	7.62
E06@10'	10/18/17	10	<0.050	<0.050	0.165	<0.050	24.9	30.6	<100	0.425	7.96
B08@11'	10/19/17	11	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.524	8.11
S07@10'	10/19/17	10	0.051	<0.050	0.362	0.236	65.8	116	<100	0.747	8.74
W05@10'	10/19/17	10	0.385	<0.050	1.25	4.33	238	310	<100	0.865	9.03*
E07@9'	10/19/17	9	0.343	<0.050	3.16	3.14	727	957	141	0.627	8.97
S06@12'	10/31/17	12	0.300	<0.050	0.472	0.487	81.1	112	<100	0.835	8.12
B09@13'	10/31/17	13	<0.050	<0.050	0.192	0.118	65.9	233	<100	0.723	8.82
W06@6'	10/31/17	6	0.070	<0.050	0.164	0.414	40.7	<25.0	<100	0.559	8.60
W07@12'	10/31/17	12	<0.050	<0.050	0.152	<0.050	106	296	115	0.540	8.64
W08@12'	11/02/17	12	0.174	<0.050	2.01	0.298	389	175	<100	1.04	8.43
W09@12'	11/02/17	12	0.163	<0.050	1.14	1.49	274	106	<100	1.60	8.12
S07@12'	11/02/17	12	0.270	<0.050	2.17	7.14	569	690	253	1.23	8.81
S08@12'	11/02/17	12	0.346	<0.050	0.948	1.14	470	136	<100	1.48	8.64
B10@13'	11/02/17	13	<0.050	<0.050	0.118	<0.050	60.7	78.4	<100	0.866	8.64

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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)	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
N06@12'	11/02/17	12	<0.050	<0.050	<0.050	<0.050	88.4	<25.0	<100	0.644	8.97
B11@13'	11/06/17	13	0.003	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.539	8.42
B12@13'	11/06/17	13	<0.002	<0.002	0.002	<0.002	<0.200	<25.0	<100	0.560	8.96
B13@13'	11/06/17	13	<0.050	<0.050	0.542	<0.050	129	136	<100	1.00	8.05
W10@12'	11/06/17	12	<0.002	<0.002	0.146	<0.002	19.7	224	<100	1.81	7.75
W11@12'	11/06/17	12	<0.050	<0.050	0.472	<0.050	86.1	101	<100	0.738	8.76
S09@12'	11/06/17	12	<0.050	<0.050	0.350	<0.050	329	538	215	1.42	8.43
E08@12'	11/06/17	12	<0.002	<0.002	0.049	<0.002	7.98	<25.0	<100	1.27	8.23
B14@13'	11/09/17	13	<0.002	<0.002	<0.002	<0.002	<0.200	<25.0	<100	0.626	8.57
S10@12'	11/09/17	12	<0.002	<0.002	0.015	<0.002	2.39	<25.0	<100	0.657	8.09

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

EC = Electrical conductivity

mmhos/cm = Millimhos per centimeter

mg/kg = Milligrams per kilogram.

ft. bgs = Feet below ground surface.

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

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