

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
HUETT, JOSEPH UNIT #2
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@14'	14'	01/15/2019	<0.050	<0.050	<0.050	<0.050	39.6	19.1	<100	7.63	0.0404
N01@12'	12'	01/16/2019	<0.002	<0.002	<0.002	<0.002	<25.0	0.469	<100	7.79	0.118
S01@12'	12'	01/16/2019	<0.002	<0.002	<0.002	<0.002	<25.0	<0.200	<100	8.50	0.108
W01@12'	12'	01/16/2019	<0.002	<0.002	<0.002	<0.002	<25.0	<0.200	<100	7.84	0.124
B02@19.5'	19.5'	01/18/2019	0.320	0.088	0.050	0.316	838	629	246	7.50	0.0520
E01@17.5'	17.5'	01/18/2019	0.143	<0.050	<0.050	<0.050	748	499	222	8.70	0.106
N02@17.5'	17.5'	01/18/2019	<0.050	<0.050	<0.050	<0.050	157	99.7	<100	8.31	0.102
S02@17.5'	17.5'	01/18/2019	<0.050	<0.050	<0.050	<0.050	166	61.3	<100	8.83	0.154
B03@19.5'	19.5'	01/21/2019	<0.050	0.050	<0.050	<0.050	559	446	161	8.35	0.0449
E02@17.5'	17.5'	01/21/2019	<0.050	<0.050	<0.050	<0.050	<25.0	<5.00	<100	8.48	0.121
N03@17.5'	17.5'	01/21/2019	<0.050	<0.050	<0.050	<0.050	341	71.9	103	8.35	0.120
S03@17.5'	17.5'	01/21/2019	<0.002	<0.002	<0.002	<0.002	<25.0	<0.200	<100	8.33	0.0932
B06@29.5'	29.5'	01/30/2019	0.092	<0.050	0.576	1.12	334	245	<100	7.98	0.0439
B09@29.5'	29.5'	01/30/2019	<0.050	<0.050	<0.050	<0.050	<25.0	20.4	<100	8.26	0.0324
B10@32'	32'	02/05/2019	0.134	<0.050	1.36	7.75	410	475	103	8.24	0.0691
B11@35'	35'	02/05/2019	<0.050	<0.050	<0.050	0.132	85.0	73.3	<100	7.82	0.0718
E03@29'	29'	02/05/2019	<0.050	<0.050	<0.050	0.148	58.8	179	<100	7.98	0.0460
N04@29'	29'	02/05/2019	<0.050	<0.050	<0.050	<0.050	56.4	58.1	<100	8.54	0.0707
N05@29'	29'	02/05/2019	0.050	<0.050	<0.050	<0.050	173	138	<100	8.59	0.0754
N06@17.5'	17.5'	02/05/2019	<0.002	<0.002	<0.002	<0.002	<25.0	<0.200	<100	8.27	0.120
S04@29'	29'	02/05/2019	<0.050	<0.050	<0.050	<0.050	76.3	99.6	<100	8.67	0.0426
S05@29'	29'	02/05/2019	0.452	<0.050	0.198	0.130	174	198	<100	8.59	0.0563



TABLE 1 (Continued)
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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)
W02@29'	29'	02/05/2019	0.223	<0.050	0.692	<0.050	281	251	<100	8.55	0.0696
W03@31'	31'	02/14/2019	0.308	<0.050	1.11	9.80	812	450	163	7.63	0.109
S06@29'	29'	02/15/2019	<0.050	<0.050	<0.050	<0.050	72.1	37.0	<100	8.60	0.0455
W04@29'	29'	02/20/2019	<0.050	<0.050	<0.050	<0.050	33.7	54.3	<100	8.44	0.0843
COGCC Allowable Levels			0.17	85	100	175	500*	500*	500*	6-9	4

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



TABLE 2
GROUNDWATER ANALYTICAL AND FIELD RESULTS
HUETT, JOSEPH UNIT #2
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE, LP

Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Depth to Water/ (Product Thickness) (ft bgs)
GW01	02/14/2019	792	<4.00	17.4	35.5	32.00
GW02	02/21/2019	208	15.7	<4.00	75.6	32.00
COGCC Allowable Levels		5	1000	700	1400	

Notes: COGCC - Colorado Oil and Gas Conservation Commission
ft bgs - feet below ground surface
NA - not analyzed/not available
NM - not measured

µg/L - micrograms per liter
< - less than laboratory reporting limit
Bold indicates result exceeds allowable level
Excavation groundwater depth is approximate

