

TABLE 1
UPSON 14-6 WELLHEAD
SOIL SAMPLE FIELD DATA SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Soil Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	Visual Observation	Olfactory Observation	Latitude	Longitude	GPS PDOP Value	Submitted for Lab Analysis? (Y/N)
WH-B01@6'	10/26/2022	6	1.1	No Staining	No Odor	40.24929014	-104.7083122	NA	Yes
WH-N01@5'	10/26/2022	5	0.8	No Staining	No Odor	40.24931064	-104.7083149	NA	No
WH-S01@5'	10/26/2022	5	0.6	No Staining	No Odor	40.24927684	-104.7083095	NA	No
WH-E01@5'	10/26/2022	5	0.1	No Staining	No Odor	40.24928714	-104.7082854	NA	No
WH-W01@5'	10/26/2022	5	0.1	No Staining	No Odor	40.24928604	-104.7083377	NA	No
WHS-N01@3"	10/26/2022	0	0.3	No Staining	No Odor	40.24933191	-104.7083174	1.1	No
WHS-S01@3"	10/26/2022	0	0.2	No Staining	No Odor	40.24926326	-104.7083050	1.0	No
WHS-E01@3"	10/26/2022	0	0.0	No Staining	No Odor	40.24929087	-104.7082538	1.1	No
WHS-W01@3"	10/26/2022	0	0.0	No Staining	No Odor	40.24929723	-104.7083747	1.0	No
FL-B01@4'	10/26/2022	4	0.7	No Staining	No Odor	40.24930454	-104.7083363	NA	Yes
FL-B02@4'	10/26/2022	4	0.4	No Staining	No Odor	40.24933680	-104.7085454	1.1	No
FL-B03@4'	10/26/2022	4	0.4	No Staining	No Odor	40.24934389	-104.7086438	1.0	No
FL-B04@4'	10/26/2022	4	0.3	No Staining	No Odor	40.24935853	-104.7088296	1.0	No
FL-B05@4'	10/26/2022	4	0.1	No Staining	No Odor	40.24936220	-104.7090549	1.2	No
FL-B06@4'	10/26/2022	4	0.7	No Staining	No Odor	40.2493722	-104.7093058	1.2	No
FL-B07@4'	10/27/2022	4	0.5	No Staining	No Odor	40.24937744	-104.7095511	1.2	Yes
FL-B08@4'	10/27/2022	4	0.3	No Staining	No Odor	40.24932401	-104.7095587	1.2	Yes

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BACKGROUND SOIL SAMPLING									
BG-01@3'	10/26/2022	3	0.7	No Staining	No Odor	40.2491629	-104.7082942	1.0	Yes
BG-01@6'	10/26/2022	6	0.2	No Staining	No Odor	40.2491629	-104.7082942	1.0	Yes
BG-02@3'	10/26/2022	3	0.4	No Staining	No Odor	40.24927348	-104.7084714	1.0	Yes
BG-02@6'	10/26/2022	4	0.6	No Staining	No Odor	40.24927348	-104.7084714	1.0	Yes

Notes:

ft. bgs = Feet below ground surface

PID = Photoionization detector

ppm = Parts per million

GPS = Global positioning system

PDOP = Position dilution of precision

NA = GPS data not available

TABLE 2
UPSON 14-6 WELLHEAD
SOIL SAMPLE RESULTS SUMMARY TABLE - VOCs
KERR-McGEE OIL AND GAS ONSHORE LP

Soil Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Naphthalene (mg/kg)	TVPH-GRO (mg/kg)	TEPH-DRO (mg/kg)	TEPH-ORO (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
COGCC standards for soil (mg/kg) ⁽¹⁾		0.0026	0.69	0.78	9.9	0.0038	500			0.0081	0.0087
COGCC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	2	500			30	27
WH-B01@6'	10/26/2022	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100	<0.00200	<0.00200
FL-B01@4'	10/26/2022	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100	<0.00200	<0.00200
FL-B07@4'	10/27/2022	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100	<0.00200	<0.00200
FL-B08@4'	10/27/2022	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100	<0.00200	<0.00200

Notes:
(1) Standards for soil are taken from COGCC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021
(2) Standards for soil are taken from COGCC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021
COGCC = Colorado Oil and Gas Conservation Commission
(<) = Analytical result is less than the indicated laboratory reporting limit
mg/kg = Milligrams per kilogram
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
1,2,4 - TMB = 1,2,4 - Trimethylbenzene
1,3,5 - TMB = 1,3,5 - Trimethylbenzene

TABLE 3
UPSON 14-6 WELLHEAD
SOIL SAMPLE RESULTS SUMMARY TABLE - SOIL SUITABILITY FOR RECLAMATION
KERR-McGEE OIL AND GAS ONSHORE LP

Soil Sample Location	Date	Depth (ft. bgs)	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
COGCC standards for soil (mg/kg) ⁽¹⁾			6 - 8.3	< 6	< 4	2
WH-B01@6'	10/26/2022	6	8.31*	0.282	0.468	0.0982
FL-B01@4'	10/26/2022	4	8.26	0.0387	0.376	0.167
FL-B07@4'	10/27/2022	4	7.49	0.641	0.165	0.0994
FL-B08@4'	10/27/2022	4	8.08	0.130	0.237	0.0986
BACKGROUND SOIL SAMPLING						
BG-01@3'	10/26/2022	3	8.27	6.92	1.65	1.50
BG-01@6'	10/26/2022	6	8.47	2.54	0.649	0.382
BG-02@3'	10/26/2022	3	7.91	0.291	0.212	0.251
BG-02@6'	10/26/2022	6	7.76	0.222	0.640	0.297

Notes:

(1) Standards for soil are taken from COGCC Table 915-1, effective January 15, 2021

COGCC = Colorado Oil and Gas Conservation Commission

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

ft. bgs = Feet below ground surface

mmhos/cm = Millimhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity

BOLD = Analytical result is in exceedance of COGCC Table 915-1 soil standards

* Result exceeded the COGCC Table 915-1 standard, but was within the range of site-specific background levels