

TABLE 1
BERRY 8-6L 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'	03/01/22	6	0.0	No Staining	No Odor	40.24311627	-104.9175941	1.2	Yes
WH-N01@5'	03/01/22	5	0.0	No Staining	No Odor	40.24313553	-104.9175975	1.3	No
WH-S01@5'	03/01/22	5	0.0	No Staining	No Odor	40.24311594	-104.9176061	1.2	No
WH-E01@5'	03/01/22	5	0.0	No Staining	No Odor	40.24312836	-104.9175941	1.3	No
WH-W01@5'	03/01/22	5	0.0	No Staining	No Odor	40.24313272	-104.917624	1.3	No
WHS-N01@3"	03/01/22	0	0.0	No Staining	No Odor	40.24316169	-104.9176125	1.2	No
WHS-S01@3"	03/01/22	0	0.0	No Staining	No Odor	40.24309319	-104.9176098	1.3	No
WHS-E01@3"	03/01/22	0	0.0	No Staining	No Odor	40.24311362	-104.9175649	1.1	No
WHS-W01@3"	03/01/22	0	0.0	No Staining	No Odor	40.24312994	-104.9176471	1.2	No
FL-B01@4'	03/01/22	4	0.0	No Staining	No Odor	40.24313344	-104.9176152	1.3	Yes
FL-B02@3'	03/15/22	3	0.3	No Staining	No Odor	40.24308832	-104.9178262	1.0	No
FL-B03@3'	03/15/22	3	0.6	No Staining	No Odor	40.24303449	-104.9180955	1.1	Yes
FL-B04@4'	03/15/22	3	0.7	No Staining	No Odor	40.24313344	-104.9176152	1.1	Yes
BACKGROUND SOIL SAMPLING									
WH-BG01@3'	03/01/22	3	0.0	No Staining	No Odor	40.24327313	-104.917584	1.2	Yes
WH-BG01@6'	03/01/22	6	0.0	No Staining	No Odor	40.24327313	-104.917584	1.2	Yes
WH-BG02@3'	03/01/22	3	0.0	No Staining	No Odor	40.24312951	-104.9174699	1.2	Yes
WH-BG02@6'	03/01/22	6	0.0	No Staining	No Odor	40.24312951	-104.9174699	1.2	Yes
WH-BG03@3'	03/01/22	3	0.0	No Staining	No Odor	40.24316828	-104.9177911	1.2	Yes
WH-BG03@6'	03/01/22	6	0.0	No Staining	No Odor	40.24316828	-104.9177911	1.2	Yes

Notes:

ft. bgs = Feet below ground surface
PID = Photoionization detector
ppm = Parts per million
GPS = Global positioning system
PDOP = Position dilution of precision

TABLE 2
BERRY 8-6L 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)
COGCC standards for soil (mg/kg) ⁽¹⁾		0.0026	0.69	0.78	9.9	0.0038	500		
COGCC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	2	500		
WH-B01@6'	03/01/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100
FL-B01@4'	03/01/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100
FL-B03@4'	03/01/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100
FL-B04@3'	03/01/22	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100

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

TABLE 3
BERRY 8-6L WELLHEAD
SOIL SAMPLE RESULTS SUMMARY TABLE - SOIL 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'	03/01/22	6	9.25*	1.61	1.21	1.20
BACKGROUND SOIL SAMPLING						
WH-BG01@3'	03/01/22	3	7.99	2.98	2.91	0.857
WH-BG01@6'	03/01/22	6	8.07	3.87	3.67	2.24
WH-BG02@3'	03/01/22	3	8.00	4.05	3.44	1.46
WH-BG02@6'	03/01/22	6	7.90	4.50	4.77	1.38
WH-BG03@3'	03/01/22	3	8.23	4.49	2.15	2.33
WH-BG03@6'	03/01/22	6	7.86	3.80	5.13	2.56

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 and site-specific background levels, but was within the range of acceptable soil variability