

TABLE 1
PSC 31-10 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'	01/05/23	6	1.8	No Staining	No Odor	40.24256630	-104.8782858	NA	Yes
WH-N01@5'	01/05/23	5	0.5	No Staining	No Odor	40.24258580	-104.8782885	NA	No
WH-S01@5'	01/05/23	5	0.2	No Staining	No Odor	40.24254690	-104.8782831	NA	No
WH-E01@5'	01/05/23	5	0.2	No Staining	No Odor	40.24256430	-104.8782617	NA	No
WH-W01@5'	01/05/23	5	0.3	No Staining	No Odor	40.24256220	-104.8783086	NA	No
WHS-N01@3"	01/05/23	0.25	0.4	No Staining	No Odor	40.24261170	-104.8782936	1.0	No
WHS-S01@3"	01/05/23	0.25	0.2	No Staining	No Odor	40.24253787	-104.8782700	1.0	No
WHS-E01@3"	01/05/23	0.25	0.0	No Staining	No Odor	40.24257310	-104.8782262	1.0	No
WHS-W01@3"	01/05/23	0.25	0.0	No Staining	No Odor	40.24257194	-104.8783428	1.1	No
BACKGROUND SOIL SAMPLING									
BG-01@3'	01/05/23	3	0.1	No Staining	No Odor	40.24256430	-104.8781812	NA	Yes
BG-01@6'	01/05/23	6	0.6	No Staining	No Odor	40.24256430	-104.8781812	NA	Yes
BG-02@3'	01/05/23	3	0.6	No Staining	No Odor	40.24256326	-104.8783770	NA	Yes
BG-02@6'	01/05/23	6	0.2	No Staining	No Odor	40.24256326	-104.8783770	NA	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 unavailable

TABLE 2
PSC 31-10 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'	01/05/2023	<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
PSC 31-10 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'	01/05/2023	6	8.04	1.74	1.03	0.229
BACKGROUND SOIL SAMPLING						
BG-01@3'	01/05/2023	3	8.20	5.30	0.877	0.325
BG-01@6'	01/05/2023	6	8.29	4.64	0.646	0.200
BG-02@3'	01/05/2023	3	7.94	0.913	0.188	<0.0999
BG-02@6'	01/05/2023	6	7.91	1.39	0.155	<0.100

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 = Millmhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Adsorption Ratio

EC = Electrical Conductivity