

TABLE 1
HAUCK 7, 17, 24-29 WELLHEAD
SOIL AND GROUNDWATER 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)
HAUCK 7-29 WELLHEAD									
WH-B01@7'	10/12/21	7	0.0	No Staining	No Odor	40.11116426	-105.0249020	1.1	Yes
WH-N01@6'	10/12/21	6	0.0	No Staining	No Odor	40.11118287	-105.0248907	1.3	No
WH-S01@6'	10/12/21	6	0.0	No Staining	No Odor	40.11116184	-105.0249085	1.7	No
WH-E01@6'	10/12/21	6	0.0	No Staining	No Odor	40.11116462	-105.0248890	1.3	No
WH-W01@6'	10/12/21	6	0.0	No Staining	No Odor	40.11117593	-105.0249238	1.1	No
WHS-NE01@3"	10/12/21	0.25	0.0	No Staining	No Odor	40.11117804	-105.0248560	1.1	No
WHS-NW01@3"	10/12/21	0.25	0.0	No Staining	No Odor	40.11121515	-105.0249074	1.2	No
WHS-SE01@3"	10/12/21	0.25	0.0	No Staining	No Odor	40.11113802	-105.0248879	1.1	No
WHS-SW01@3"	10/12/21	0.25	0.0	No Staining	No Odor	40.11116116	-105.0249514	1.1	No
WH-B02@9'	11/03/21	9	0.1	No Staining	No Odor	40.11117160	-105.0248934	NA	Yes
WH-N02@8'	11/03/21	8	0.1	No Staining	No Odor	40.11117910	-105.0248866	1.0	Yes
WH-S02@8'	11/03/21	8	0.0	No Staining	No Odor	40.11115096	-105.0248922	NA	Yes
WH-E02@8'	11/03/21	8	0.1	No Staining	No Odor	40.11116827	-105.0248808	NA	Yes
WH-W02@8'	11/03/21	8	0.0	No Staining	No Odor	40.11117570	-105.0249064	1.1	Yes
WH-GW01	11/04/21	8.5	NA	No Sheen	No Odor	NA	NA	NA	Yes
WH-W03@8'	11/15/21	8	0.4	No Staining	No Odor	40.11117991	-105.0249231	1.1	Yes
WH-W04@8'	11/30/21	8	3.1	No Staining	No Odor	40.11118593	-105.0249357	1.3	Yes
HAUCK 17-29 WELLHEAD									
WH-B01@7'	10/12/21	7	1.4	Organic Content	No Odor	40.11111534	-105.0248324	1.5	Yes
WH-N01@6'	10/12/21	6	1.9	No Staining	No Odor	40.11111572	-105.0248465	1.5	No
WH-S01@6'	10/12/21	6	0.9	No Staining	No Odor	40.11109238	-105.0248369	1.5	No
WH-E01@6'	10/12/21	6	1.8	No Staining	No Odor	40.11111717	-105.0248207	1.8	No
WH-W01@6'	10/12/21	6	2.6	No Staining	No Odor	40.11110696	-105.0248621	1.5	No

TABLE 1
HAUCK 7, 17, 24-29 WELLHEAD
SOIL AND GROUNDWATER 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)
WHS-NW01@3"	10/12/21	0.25	0.8	No Staining	No Odor	40.11112580	-105.0248845	1.6	No
WHS-NE01@3"	10/12/21	0.25	0.6	No Staining	No Odor	40.11114246	-105.0248282	1.3	No
WHS-SW01@3"	10/12/21	0.25	0.9	No Staining	No Odor	40.11106460	-105.0248571	1.4	No
WHS-SE01@3"	10/12/21	0.25	0.3	No Staining	No Odor	40.11109744	-105.0248016	1.4	No
WH-B02@9'	11/03/21	9	0.1	No Staining	No Odor	40.11110250	-105.0248300	NA	Yes
WH-N02@8'	11/03/21	8	0.0	No Staining	No Odor	40.11111364	-105.0248221	1.0	Yes
WH-S02@8'	11/03/21	8	0.1	No Staining	No Odor	40.11108723	-105.0248417	1.0	Yes
WH-E02@8'	11/03/21	8	0.1	No Staining	No Odor	40.11109788	-105.0248052	NA	Yes
WH-W02@8'	11/03/21	8	0.1	No Staining	No Odor	40.11110975	-105.0248534	1.0	Yes
WH-GW01	11/04/21	8.5	NA	No Sheen	No Odor	NA	NA	NA	Yes
HAUCK 24-29 WELLHEAD									
WH-B01@7'	10/12/21	7	1.2	No Staining	No Odor	40.11104071	-105.0247804	1.3	Yes
WH-N01@6'	10/12/21	6	1.7	No Staining	No Odor	40.11105608	-105.0247835	1.3	No
WH-S01@6'	10/12/21	6	2.1	No Staining	No Odor	40.11103622	-105.0247644	1.3	No
WH-E01@6'	10/12/21	6	2.6	No Staining	No Odor	40.11105008	-105.0247648	1.3	No
WH-W01@6'	10/12/21	6	2.8	No Staining	No Odor	40.11103163	-105.0247763	1.3	No
WHS-NW01@3"	10/12/21	0.25	1.8	No Staining	No Odor	40.11105199	-105.0248237	1.2	No
WHS-NE01@3"	10/12/21	0.25	2.4	No Staining	No Odor	40.11107705	-105.0247773	1.2	No
WHS-SW01@3"	10/12/21	0.25	2.5	No Staining	No Odor	40.11100976	-105.0247841	1.2	No
WHS-SE01@3"	10/12/21	0.25	2.8	No Staining	No Odor	40.11103871	-105.0247304	1.2	No

TABLE 1
HAUCK 7, 17, 24-29 WELLHEAD
SOIL AND GROUNDWATER 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)
HAUCK 7, 17, 24-29 WH FLOWLINE									
FL-B01@5'	10/11/21	5	0.3	No Staining	No Odor	40.11313165	-105.0199512	1.5	No
FL-B02@6'	10/11/21	6	0.7	No Staining	No Odor	40.11312848	-105.0206365	1.3	No
FL-B03@6'	10/11/21	6	0.0	No Staining	No Odor	40.11312647	-105.0212459	1.2	No
FL-B04@7'	10/11/21	7	1.0	No Staining	No Odor	40.11313329	-105.0218125	1.2	No
FL-B05@5'	10/12/21	5	0.0	No Staining	No Odor	40.11118390	-105.0248831	1.4	No
FL-B06@5'	10/12/21	5	2.8	No Staining	No Odor	40.11111921	-105.0248176	1.4	No
FL-B07@5'	10/12/21	5	7.1	No Staining	No Odor	40.11105647	-105.0247570	1.3	No
FL-B08@3'	10/12/21	3	0.0	No Staining	No Odor	40.11139021	-105.0246273	1.3	No
FL-B09@5'	10/12/21	5	0.4	No Staining	No Odor	40.11121760	-105.0243332	1.2	No
HAUCK 7, 17, 24-29 BACKGROUND SOIL SAMPLING									
WH-BG01@3.5'	10/12/21	3.5	0.8	No Staining	No Odor	40.11123446	-105.0248169	1.2	Yes
WH-BG01@7'	10/12/21	7	1.1	No Staining	No Odor	40.11123446	-105.0248169	1.2	Yes
WH-BG02@3.5'	10/12/21	3.5	1.4	No Staining	No Odor	40.11099223	-105.0248812	1.3	Yes
WH-BG02@7'	10/12/21	7	0.7	No Staining	No Odor	40.11099223	-105.0248812	1.3	Yes
WH-BG03@3.5'	10/12/21	3.5	0.9	No Staining	No Odor	40.11104355	-105.0246408	1.3	Yes
WH-BG03@7'	10/12/21	7	0.9	No Staining	No Odor	40.11104355	-105.0246408	1.3	Yes

Notes:

ft. bgs = Feet below ground surface

PID = Photoionization detector

ppm = Parts per million

NA = Not applicable; GPS data not available

GPS = Global positioning system

PDOP = Position dilution of precision

TABLE 2
HAUCK 7, 17, 24-29 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		
HAUCK 7-29 WELLHEAD									
WH-B01@7'	10/12/21	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100
HAUCK 17-29 WELLHEAD									
WH-B01@7'	10/12/21	<0.00200	<0.00200	<0.00200	<0.00200	<0.00380	<0.200	<25.0	<100
HAUCK 24-29 WELLHEAD									
WH-B01@7'	10/12/21	<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
HAUCK 7, 17, 24-29 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
HAUCK 7-29 WELLHEAD						
WH-B01@7'	10/12/21	7	7.82	9.24	2.44	0.978
WH-B02@9'	11/03/21	9	NA	2.52	NA	NA
WH-N02@8'	11/03/21	8	NA	6.55*	NA	NA
WH-S02@8'	11/03/21	8	NA	6.92*	NA	NA
WH-E02@8'	11/03/21	8	NA	4.81	NA	NA
WH-W02@8'	11/03/21	8	NA	9.83	NA	NA
WH-W03@8'	11/15/21	8	NA	9.88	NA	NA
WH-W04@8'	11/30/21	8	NA	5.54	NA	NA
HAUCK 17-29 WELLHEAD						
WH-B01@7'	10/12/21	7	12.8	3.90	9.89	0.820
WH-B02@9'	11/03/21	9	7.86	NA	0.841	NA
WH-N02@8'	11/03/21	8	7.89	NA	1.13	NA
WH-S02@8'	11/03/21	8	7.83	NA	1.47	NA
WH-E02@8'	11/03/21	8	8.05	NA	1.03	NA
WH-W02@8'	11/03/21	8	7.71	NA	0.855	NA
HAUCK 24-29 WELLHEAD						
WH-B01@7'	10/12/21	7	7.66	2.86	1.07	0.360
HAUCK 7, 17, 24-29 BACKGROUND SOIL SAMPLING						
WH-BG01@3.5'	10/12/21	3.5	7.76	7.17	6.60	2.18
WH-BG01@7'	10/12/21	7	8.53	2.75	0.754	0.827
WH-BG02@3.5'	10/12/21	3.5	7.60	3.18	3.88	0.811
WH-BG02@7'	10/12/21	7	7.74	2.74	1.40	0.594
WH-BG03@3.5'	10/12/21	3.5	7.62	3.09	3.96	1.02
WH-BG03@7'	10/12/21	7	7.78	3.42	2.61	1.40

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 range of site-specific background levels

TABLE 4
HAUCK 7, 17, 24-29 WELLHEAD
GROUNDWATER SAMPLE RESULTS SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Groundwater Sample ID	Date	Sample Depth (ft. bgs)	Benzene (µg/L)	Toluene (µg/L)	Ehtylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)
COGCC standards for groundwater (µg/L) ⁽¹⁾			5	560	700	1,400	140	67	67
HAUCK 7-29 WELLHEAD									
WH-GW01	11/04/21	8.5	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00
HAUCK 17-29 WELLHEAD									
WH-GW01	11/04/21	8.5	<1.00	<1.00	<1.00	<1.00	<4.00	<1.00	<1.00

Notes:

(1) Standards for groundwater 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

µg/L = Micrograms per liter

1,2,4-TMB = 1,2,4-Trimethylbenzene

1,3,5-TMB = 1,3,5-Trimethylbenzene