

TABLE 1
CHAMPLIN 42-10 #4 WELLHEAD
SOIL SAMPLE RESULTS SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Depth (ft. bgs)	PID Reading (ppm)	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)	EC (mmhos/cm)	pH (units)	SAR (units)
COGCC standards for soil (mg/kg) ⁽¹⁾			-	0.17	85	100	175	23	500			4 mmhos/cm or 2x BG	6-9	12
B01@10'	06/05/19	10	0.5	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	1.38	8.18	15.63*
S01@9'	06/05/19	9	588	<0.050	<0.050	<0.050	<0.050	0.236	61.8	291	136	NA	NA	NA
E01@8'	06/05/19	8	10.5	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
B02@10'	06/07/19	10	7.1	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	0.659	8.33	18.05*
N01@8'	06/07/19	8	300.1	<0.050	<0.050	<0.050	<0.050	<0.200	35.3	212	104	NA	NA	NA
E02@8'	06/07/19	8	5.1	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
W01@9'	06/07/19	9	2.4	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
W02@9'	06/07/19	9	2.1	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
B03@9'	01/14/20	9	361.7	0.234	<0.050	1.06	4.13	2.55	268	5,510	1,840	0.590	8.47	16.24*
N02@7'	01/14/20	7	1.6	<0.050	<0.050	<0.050	<0.050	<0.200	8.50	<25.0	<100	NA	NA	NA
S02@7'	01/14/20	7	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
E03@7'	01/14/20	7	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
W03@7'	01/14/20	7	0.1	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	357	2,030	NA	NA	NA
B04@15'	01/15/20	15	0.0	<0.050	<0.050	<0.050	<0.050	<0.008	<5.00	<25.0	<100	0.509	8.14	19.96*
B05@15'	01/15/20	15	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	0.488	8.56	24.73*
N03@12'	01/15/20	12	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
S03@12'	01/15/20	12	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA
W04@9'	01/15/20	12	0.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	NA	NA	NA

Notes:

(1) Standards for soil are taken from 2 CCR 404-1, Table 910-1, effective May 1, 2018

COGCC = Colorado Oil and Gas Conservation Commission

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

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

EC = Electrical conductivity

SAR = Sodium adsorption ratio

mmhos/cm = Millimhos per centimeter

mg/kg = Milligrams per kilogram

ft. bgs = Feet below ground surface

BOLD = Analytical result is in exceedance of COGCC Table 910-1 soil standards

* = Sample was collected below the designated root zone (0-3 feet bgs)

NA = Constituent not analyzed

PID = Photoionization Detector

ppm = Parts per million

BG = Background