

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SWEET VALLEY FARMS-UPRR 41-33
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE LP

Sample ID	Sample Date	Sample Depth (feet bgs)	Photoionization Detector Reading (ppm)	TPH-GRO (C6-C10) Low Fraction (mg/kg)	TPH-DRO (C10-C28) High Fraction (mg/kg)	TPH-RRO (C28-C40) High Fraction (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes - total (mg/kg)	Naphthalene (mg/kg)	EC (Specific Conductance) (mmhos/cm)	pH (units)	SAR (Sodium Adsorption Ratio) (calculation)
*B01@6'	1/20/2020	6	3704	216	195	<100	0.551	<0.050	1.17	5	0.286	0.137	7.87	3.24
*N01@4'	1/20/2020	4	1571	24.1	70.6	<100	0.373	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
*E01@4'	1/20/2020	4	1501	18.0	<25.0	<100	0.114	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
*S01@4'	1/20/2020	4	4010	1110	304	<100	1.07	<0.050	1.88	25.0	<2.00	NA	NA	NA
*W01@4'	1/20/2020	4	555	<5.00	<25.0	<100	0.180	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
BG01@0.5	1/20/2020	0.5	14.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
*B02@14'	2/18/2020	14	1163	1750	931	<100	2.36	0.117	8.84	119	0.552	0.117	7.18	3.43
*S02@8'	2/18/2020	8	1253	355	112	<100	0.184	<0.050	1.57	19.7	<0.200	NA	NA	NA
*B03@19'	2/19/2020	19	1290	755	307	<100	<0.050	<0.050	2.39	10.1	0.302	0.0665	8.47	2.91
*N02@8'	2/21/2020	8	557.3	14.4	35.9	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
*B04@19'	2/21/2020	19	122.4	<5.00	<25.0	<100	<0.050	<0.050	<0.050	<0.050	<0.200	0.116	7.56	2.32
*E02@8'	2/21/2020	8	851.7	29.8	37.7	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
*S03@8'	2/21/2020	8	1012	6.30	92.6	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
*S04@8'	2/25/2020	8	61.9	<5.00	<25.0	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
*N03@8'	2/25/2020	8	295.3	<5.00	58.8	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
COGCC Allowable Concentration					500		0.17	85	100	175	23	<4 or 2x background	6-9	12

Notes:
 TPH = Total Petroleum Hydrocarbons
 GRO = Gasoline Range Organics (C6-C10)
 DRO = Diesel Range Organics (C10-C28)
 RRO = Residual Range Organics (C28-C36)
 mg/kg = milligrams per kilogram
 ppm = parts per million

mmhos/cm = millimhos per centimeter
 COGCC = Colorado Oil and Gas Conservation Commission
 bgs = below ground surface
 * Sample was collected below the designated root zone (>3' bgs)
 BOLD = Indicates results exceeded COGCC Table 910-1 allowable concentration
 NA = Not analyzed



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SWEET VALLEY FARMS-UPRR 41-33
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE LP

Sample ID	Sample Date	Sample Depth (feet bgs)	Photoionization Detector Reading (ppm)	TPH-GRO (C6-C10) Low Fraction (mg/kg)	TPH-DRO (C10-C28) High Fraction (mg/kg)	TPH-RRO (C28-C40) High Fraction (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes - total (mg/kg)	Naphthalene (mg/kg)	EC (Specific Conductance) (mmhos/cm)	pH (units)	SAR (Sodium Adsorption Ratio) (calculation)
*B05@19'	2/25/2020	19	913.5	84.8	435	<100	0.705	<0.050	2.36	11.7	0.202	0.175	7.19	3.71
*W02@8'	2/25/2020	8	405.7	<5.00	30.5	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
*W03@8'	2/25/2020	8	284.3	8.18	29.6	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
*S05@8	2/26/2020	8	566.7	40.2	51.3	<100	<0.050	<0.050	<0.050	<0.050	<0.200	NA	NA	NA
COGCC Allowable Concentration					500		0.17	85	100	175	23	<4 or 2x background	6-9	12

Notes:

TPH = Total Petroleum Hydrocarbons
GRO = Gasoline Range Organics (C6-C10)
DRO = Diesel Range Organics (C10-C28)
RRO = Residual Range Organics (C28-C36)
mg/kg = milligrams per kilogram
ppm = parts per million

mmhos/cm = millimhos per centimeter
COGCC = Colorado Oil and Gas Conservation Commission
bgs = below ground surface
* Sample was collected below the designated root zone (>3' bgs)
BOLD = Indicates results exceeded COGCC Table 910-1 allowable concentration
NA = Not analyzed