

**TABLE 1**  
**HSR-VAN SCHAACK 4-33 PRODUCTION FACILITY**  
**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)
<b>COGCC standards for soil (mg/kg) <sup>(1)</sup></b>				<b>0.17</b>	<b>85</b>	<b>100</b>	<b>175</b>	<b>23</b>	<b>500</b>			<b>4 mmhos/cm or 2x BG</b>	<b>6-9</b>	<b>12</b>
B01@11.5'	06/12/20	11.5	5.0	<0.050	<0.050	<0.050	<0.050	<0.200	<5.00	<25.0	<100	0.142	8.15	2.92
N01@8.5'	06/12/20	8.5	1,046	<0.050	0.128	0.204	1.64	0.270	46.3	115	<100	NA	NA	NA
S01@8.5'	06/12/20	8.5	962.2	0.053	<0.050	0.823	9.08	0.400	10.2	61.9	<100	NA	NA	NA
E01@8.5'	06/12/20	8.5	868.8	0.096	<0.050	0.592	5.94	0.338	63.2	124	<100	NA	NA	NA
W01@8.5'	06/12/20	8.5	842.6	<b>0.246</b>	<0.050	0.661	6.50	0.362	144	31.9	<100	NA	NA	NA
W02@8.5'	06/15/20	8.5	3,944	<0.050	<0.050	0.631	5.75	0.324	172	123	<200	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

BG = Background

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

NA = Constituent not analyzed

PID = Photoionization Detector

ppm = Parts per million