

**TABLE 1**  
**HOWARD 25C-22HZ**  
**GROUNDWATER SAMPLE RESULTS SUMMARY TABLE**  
**KERR-MCGEE OIL & GAS ONSHORE LP**

Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Depth To Water (ft. BTOC)
<b>COGCC Table 910-1 standards for groundwater (µg/L)<sup>(1)</sup></b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1400</b>	
GW01	5/1/2014	311	21.3	5.8	20.7	~4*
BH01	11/20/2014	<1.0	<1.0	<1.0	<1.0	4.54
	6/30/2016	<1.00	<1.00	<1.00	<1.00	1.86
	9/6/2016	<1.00	<1.00	<1.00	<1.00	2.45
	12/20/2016	<1.00	<1.00	<1.00	<1.00	5.45
	3/1/2017	<1.00	<1.00	<1.00	<1.00	5.62
	6/2/2017	<1.00	<1.00	<1.00	<1.00	4.09
	9/6/2017	<1.00	<1.00	<1.00	<1.00	3.61
	12/6/2017	<1.00	<1.00	<1.00	<1.00	5.03
BH02	11/20/2014	<1.0	<1.0	<1.0	<1.0	5.83
	6/30/2016	<1.00	<1.00	<1.00	<1.00	1.02
	9/6/2016	<1.00	<1.00	<1.00	<1.00	3.19
	12/20/2016	<1.00	<1.00	<1.00	<1.00	6.14
	3/1/2017	<1.00	<1.00	<1.00	<1.00	6.00
	6/2/2017	<1.00	<1.00	<1.00	<1.00	4.12
	9/6/2017	<1.00	<1.00	<1.00	<1.00	3.26
	12/6/2017	<1.00	<1.00	<1.00	<1.00	5.20
BH03	11/20/2014	<1.0	<1.0	<1.0	<1.0	6.24
	6/30/2016	<1.00	<1.00	<1.00	<1.00	3.16
	9/6/2016	<1.00	<1.00	<1.00	<1.00	4.61
	12/20/2016	<1.00	<1.00	<1.00	<1.00	6.28
	3/1/2017	<1.00	<1.00	<1.00	<1.00	6.47
	6/2/2017	<1.00	<1.00	<1.00	<1.00	5.52
	9/6/2017	<1.00	<1.00	<1.00	<1.00	5.41
	12/6/2017	<1.00	<1.00	<1.00	<1.00	6.03

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<b>COGCC Table 910-1 standards for groundwater (µg/L)<sup>(1)</sup></b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1400</b>	
BH04	6/30/2016	<1.00	<1.00	<1.00	<1.00	4.13
	9/6/2016	<4.00	<4.00	<4.00	<4.00	4.99
	12/20/2016	<1.00	<1.00	<1.00	<1.00	6.67
	3/1/2017	<1.00	<1.00	<1.00	<1.00	9.08
	6/2/2017	<1.00	<1.00	<1.00	<1.00	5.04
	9/6/2017	<1.00	<1.00	<1.00	<1.00	8.97
	12/6/2017	<4.00	<4.00	<4.00	<4.00	9.99
BH05	6/30/2016	<1.00	<1.00	<1.00	<1.00	9.58
	9/6/2016	<1.00	<1.00	<1.00	<1.00	8.93
	12/20/2016	Insufficient Volume to Collect Sample				10.48
	3/1/2017	<1.00	<1.00	<1.00	<1.00	6.06
	6/2/2017	<1.00	<1.00	<1.00	<1.00	2.75
	9/6/2017	<1.00	<1.00	<1.00	<1.00	7.37
	12/6/2017	<1.00	<1.00	<1.00	<1.00	6.26
BH06	6/30/2016	<1.00	<1.00	<1.00	<1.00	4.57
	9/6/2016	<1.00	<1.00	<1.00	<1.00	4.99
	12/20/2016	1.00	<1.00	<1.00	<1.00	8.00
	3/1/2017	<1.00	<1.00	<1.00	<1.00	9.36
	6/2/2017	<1.00	<1.00	<1.00	<1.00	3.57
	9/6/2017	<1.00	<1.00	<1.00	<1.00	5.57
	12/6/2017	4.90	<1.00	<1.00	<1.00	6.01
BH07	6/30/2016	<b>38.2</b>	<1.00	74.4	232	6.07
	9/6/2016	<b>54.4</b>	<4.00	68.9	186	6.29
	12/20/2016	Insufficient Volume to Collect Sample				9.78
	3/1/2017	Insufficient Volume to Collect Sample				10.71

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<b>COGCC Table 910-1 standards for groundwater (µg/L)<sup>(1)</sup></b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1400</b>	
BH07R	6/2/2017	Insufficient Volume to Collect Sample				15.08
	9/6/2017	<b>92.6</b>	<1.00	14.7	20.8	13.60
	12/6/2017	<b>88.8</b>	<4.00	<4.00	<4.00	14.46
BH08	6/30/2016	<1.00	<1.00	<1.00	<1.00	7.11
	9/6/2016	<1.00	<1.00	<1.00	<1.00	4.45
	12/20/2016	<1.00	<1.00	<1.00	<1.00	6.29
	3/1/2017	<1.00	<1.00	<1.00	<1.00	5.71
	6/2/2017	<1.00	<1.00	<1.00	<1.00	4.45
	9/6/2017	<1.00	<1.00	<1.00	<1.00	4.93
	12/6/2017	<1.00	<1.00	<1.00	<1.00	6.28
BH09	6/2/2017	<1.00	<1.00	<1.00	<1.00	17.12
	9/6/2017	Insufficient Volume to Collect Sample				18.81
	12/6/2017	Insufficient Volume to Collect Sample				18.93
BH10	6/2/2017	Insufficient Volume to Collect Sample				DRY
	9/6/2017	Insufficient Volume to Collect Sample				DRY
	12/6/2017	Insufficient Volume to Collect Sample				19.18

Notes:

1. Standards for groundwater are taken from 2 CCR 404-1, Table 910-1, effective January 30, 2015.

COGCC = Colorado Oil and Gas Conservation Commission

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

µg/L = Micrograms per liter.

ft. BTOC = Feet below top of casing.

\* feet below ground surface

Insufficient Volume to Collect Sample = Well contained less than 0.5 feet of water column.

DRY = No water detected in water column.

**BOLD** = Analytical result is in exceedance of COGCC Table 910-1 groundwater standards.