

**TABLE 1**  
**COUGHLIN RED V V 22-1, 22-2 PRODUCTION FACILITY**  
**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. BGS)
COGCC Table 910-1 standards for groundwater (µg/L) <sup>(1)</sup>		5	560	700	1400	
GW01	10/24/2014	2,620	1.5	170	704	~10
BH01	4/14/2015	<1.0	<1.0	<1.0	<1.0	11.09
	7/6/2015	<1.0	<1.0	<1.0	<1.0	9.23
	10/26/2015	<1.0	<1.0	<1.0	<1.0	7.00
	1/25/2016	<1.0	<1.0	<1.0	<1.0	9.15
	4/26/2016	<1.0	<1.0	<1.0	<1.0	9.32
	7/12/2016	<1.00	<1.00	<1.00	<1.00	7.49
	10/3/2016	<1.00	<1.00	<1.00	<1.00	7.10
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.91
	4/17/2017	<1.00	<1.00	<1.00	<1.00	10.70
	7/25/2017	<1.00	<1.00	<1.00	<1.00	6.13
	10/18/2017	<1.00	<1.00	<1.00	<1.00	7.27
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.67
	4/30/2018	Monitoring well destroyed				
BH02	4/14/2015	<1.0	<1.0	<1.0	<1.0	10.98
	7/6/2015	<1.0	<1.0	<1.0	<1.0	9.11
	10/26/2015	<1.0	<1.0	<1.0	<1.0	6.74
	1/25/2016	<1.0	<1.0	<1.0	<1.0	9.01
	4/26/2016	<1.0	<1.0	<1.0	<1.0	9.16
	7/12/2016	<1.00	<1.00	<1.00	<1.00	7.49
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.78
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.75
	4/17/2017	<1.00	<1.00	<1.00	<1.00	10.57
	7/25/2017	<1.00	<1.00	<1.00	<1.00	6.12
	10/18/2017	<1.00	<1.00	<1.00	<1.00	7.08
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.53
	4/30/2018	Monitoring well destroyed				
BH02R	3/28/2019	<1.00	<1.00	<1.00	<1.00	10.39
	6/17/2019	<1.00	<1.00	<1.00	<1.00	10.02
	9/20/2019	<1.00	<1.00	<1.00	<1.00	7.63

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Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Depth To Water (ft. BGS)
<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>	
BH03	4/14/2015	8.5	<1.0	4.7	<1.0	10.94
	7/6/2015	108	<1.0	29.4	6.3	9.04
	10/26/2015	34.4	<1.0	2.4	<1.0	6.95
	1/25/2016	11.3	<1.0	<1.0	<1.0	9.00
	4/26/2016	27.6	<1.0	<1.0	1.2	9.13
	7/12/2016	1.95	<1.00	<1.00	<1.00	7.36
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.66
	1/4/2017	6.79	<1.00	<1.00	<1.00	8.77
	4/17/2017	5.25	<1.00	<1.00	<1.00	10.52
	7/25/2017	<1.00	<1.00	<1.00	<1.00	6.12
	10/18/2017	<1.00	<1.00	<1.00	<1.00	7.20
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.52
	4/30/2018	Monitoring well destroyed				
BH04	4/14/2015	<1.0	<1.0	<1.0	<1.0	10.95
	7/6/2015	<1.0	<1.0	<1.0	<1.0	9.09
	10/26/2015	<1.0	<1.0	<1.0	<1.0	7.04
	1/25/2016	<1.0	<1.0	<1.0	<1.0	9.12
	4/26/2016	<1.0	<1.0	<1.0	<1.0	9.19
	7/12/2016	<1.00	<1.00	<1.00	<1.00	7.43
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.64
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.85
	4/17/2017	<1.00	<1.00	<1.00	<1.00	10.56
	7/25/2017	<1.00	<1.00	<1.00	<1.00	6.25
	10/19/2017	<1.00	<1.00	<1.00	<1.00	7.28
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.58
	4/30/2018	Monitoring well destroyed				

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Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Depth To Water (ft. BGS)
<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>	
BH05	4/14/2015	1.0	<1.0	6.9	15.7	10.89
	7/6/2015	<b>84.4</b>	<1.0	2.5	4.8	9.04
	10/26/2015	<b>10.5</b>	<1.0	<1.0	<1.0	7.12
	1/25/2016	4.8	<1.0	<1.0	<1.0	9.06
	4/26/2016	<1.0	<1.0	<1.0	<1.0	9.16
	7/12/2016	<1.00	<1.00	<1.00	<1.00	7.29
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.75
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.82
	4/17/2017	1.38	<1.00	5.65	4.70	10.52
	7/25/2017	<1.00	<1.00	<1.00	<1.00	6.11
	10/18/2017	<1.00	<1.00	<1.00	<1.00	7.02
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.56
	4/30/2018	Monitoring well destroyed				
BH06	10/26/2015	<1.0	<1.0	<1.0	<1.0	7.35
	1/25/2016	<1.0	<1.0	<1.0	<1.0	9.19
	4/26/2016	<1.0	<1.0	<1.0	<1.0	9.40
	7/12/2016	<1.00	<1.00	<1.00	<1.00	7.39
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.61
	1/4/2017	<1.00	<1.00	<1.00	<1.00	8.97
	4/17/2017	<1.00	<1.00	<1.00	<1.00	10.61
	7/25/2017	2.26	<1.00	<1.00	<1.00	6.33
	10/18/2017	<1.00	<1.00	<1.00	<1.00	7.48
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.70
	4/30/2018	Monitoring well destroyed				

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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>	
BH07	10/26/2015	<1.0	<1.0	<1.0	<1.0	7.50
	1/25/2016	<1.0	<1.0	<1.0	<1.0	9.20
	4/26/2016	<1.0	<1.0	<1.0	<1.0	9.29
	7/12/2016	<1.00	<1.00	<1.00	<1.00	7.21
	10/3/2016	<1.00	<1.00	<1.00	<1.00	6.92
	1/4/2017	<1.00	<1.00	<1.00	<1.00	9.01
	4/17/2017	<1.00	<1.00	<1.00	<1.00	10.61
	7/25/2017	<1.00	<1.00	<1.00	<1.00	6.20
	10/18/2017	<1.00	<1.00	<1.00	<1.00	7.59
	1/23/2018	<1.00	<1.00	<1.00	<1.00	9.67
	4/30/2018	Monitoring well destroyed				
BH08	3/28/2019	<1.00	<1.00	<1.00	<1.00	12.45
	6/17/2019	<1.00	<1.00	<1.00	<1.00	12.07
	9/20/2019	<1.00	<1.00	<1.00	<1.00	10.18
BH09	3/28/2019	<1.00	<1.00	<1.00	<1.00	12.33
	6/17/2019	<1.00	<1.00	<1.00	<1.00	11.94
	9/20/2019	<1.00	<1.00	<1.00	<1.00	9.97
BH10	3/28/2019	<1.00	<1.00	<1.00	<1.00	11.73
	6/17/2019	<1.00	<1.00	<1.00	<1.00	11.36
	9/20/2019	<1.00	<1.00	<1.00	<1.00	9.12
BH11	3/28/2019	<1.00	<1.00	<1.00	<1.00	11.93
	6/17/2019	<1.00	<1.00	<1.00	<1.00	11.54
	9/20/2019	<1.00	<1.00	<1.00	<1.00	9.47

Notes:

1. Standards for groundwater 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.

µg/L = Micrograms per liter.

ft. BGS = Feet below ground surface.

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