

TABLE 1
ERNIE F ADAMSON GAS UNIT-62N65W/21SWSW PRODUCTION FACILITY
GROUNDWATER SAMPLE RESULTS SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Well Name	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Depth To Water (ft. BTOC)
COGCC Table 910-1 standards for groundwater (µg/L)⁽¹⁾		5	560	700	1400	
GWN-01	12/30/2016	98.6	242	177	3,090	~35*
GWN-02	1/9/2017	152	398	1,510	19,700	~35*
GWN-03	1/17/2017	4.00	8.76	19.2	305	~35*
GWN-04	2/13/2017	<4.00	<4.00	<4.00	83.4	~35*
GWS-01	12/30/2016	110	543	500	7,450	~35*
GWS-02	1/9/2017	301	293	679	10,800	~35*
GWS-03	1/17/2017	19.0	19.2	85.0	1,150	~35*
GWS-04	2/13/2017	<4.00	<4.00	4.00	141	~35*
BH01	9/2/2017 12/19/2016	1,000	13.4	1,010	9,870	~32.5*
		Well Removed During Soil Mixing Activities				
BH02	9/2/2017 12/19/2016	1,240	<4.00	1,540	15,700	~35*
		Well Removed During Soil Mixing Activities				
BH03	9/2/2017 12/19/2016	<4.00	<4.00	<4.00	12.6	~32*
		Well Removed During Soil Mixing Activities				
BH04	3/27/2017	15.6	<4.00	700	10,700	31.37
	6/2/2017	<4.00	<4.00	633	5,830	31.08
	9/28/2017	77.2	<4.00	893	6,350	38.42
	12/5/2017	100	<4.00	667	3,900	36.19
	3/6/2018	50.6	<4.00	402	3,230	31.56
	6/19/2018	13.9	<4.00	539	5,230	34.72
	9/26/2018	10.8	<4.00	70.3	213	38.04

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BH05	3/27/2017	19.7	<4.00	575	5,740	31.34
	6/2/2017	8.32	<4.00	677	2,710	31.02
	9/28/2017	231	4.36	1,430	11,400	38.23
	12/5/2017	24.0	<4.00	677	2,940	36.35
	3/6/2018	12.5	<4.00	508	2,150	31.45
	6/19/2018	18.4	<4.00	618	3,170	34.53
	9/26/2018	44.0	<10.0	615	3,000	37.92
BH06	3/27/2017	<4.00	<4.00	43.6	310	27.48
	6/2/2017	<1.00	<1.00	23.6	170	27.13
	9/28/2017	<4.00	<4.00	31.3	773	34.56
	12/5/2017	1.14	<1.00	<1.00	6.48	32.25
	3/6/2018	<4.00	<4.00	<4.00	<4.00	27.70
	6/19/2018	<4.00	<4.00	22.6	171	30.78
	9/26/2018	<1.00	<1.00	27.3	188	34.34
BH07	3/27/2017	<1.00	<1.00	12.1	64.0	31.70
	6/2/2017	<1.00	<1.00	<1.00	7.90	31.46
	9/28/2017	<1.00	<1.00	<1.00	2.16	38.99
	12/5/2017	<1.00	<1.00	<1.00	<1.00	36.53
	3/6/2018	<1.00	<1.00	<1.00	<1.00	35.96
	6/19/2018	<1.00	<1.00	<1.00	5.33	35.24
	9/26/2018	<1.00	<1.00	<1.00	<1.00	38.60
BH08	3/27/2017	15.4	<4.00	418	2,270	31.16
	6/2/2017	<4.00	<4.00	338	957	30.86
	9/28/2017	1,110	<4.00	467	9,140	38.11
	12/5/2017	26.7	<4.00	733	1,770	36.22
	3/6/2018	9.78	<1.00	463	148	31.50
	6/19/2018	58.2	<1.00	317	305	34.37
	9/26/2018	424	<10.0	1,030	7,220	37.80

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COGCC Table 910-1 standards for groundwater (µg/L) ⁽¹⁾		5	560	700	1400	
BH09	3/27/2017	321	<4.00	666	8,050	29.62
	6/2/2017	98.0	<50.0	754	5,980	29.27
	9/28/2017	989	<1.00	<1.00	6,790	36.44
	12/5/2017	Monitoring Well Destroyed				
BH09R	8/24/2018	811	<50.0	1,010	9,240	34.90
	9/26/2018	950	<50.0	1,240	11,300	35.91
BH10	3/27/2017	2,610	2,750	1,470	21,500	29.36
	6/2/2017	1,870	1,620	1,010	13,800	29.08
	9/28/2017	2,170	273	66.3	10,900	36.22
	12/5/2017	1,740	432	732	11,900	34.44
	3/6/2018	980	512	571	10,200	29.32
	6/19/2018	1,390	193	272	10,400	35.58
	9/26/2018	2,720	<50.0	595	12,100	35.90
BH11	8/24/2018	<4.00	<4.00	15.7	<4.00	35.09
	9/26/2018	2.36	<1.00	<1.00	<1.00	36.08
BH12	8/24/2018	212	<4.00	602	6,220	37.95
	9/26/2018	221	<4.00	722	3,440	38.94
BH13	8/24/2018	395	<4.00	1,260	15,500	38.87
	9/26/2018	410	<50.0	1,710	18,700	39.82
BH14	8/24/2018	6,810	15,000	2,040	29,500	39.17
	9/26/2018	2,430	8,980	2,680	38,500	40.11
BH15	8/24/2018	257	6.92	294	220	35.17
	9/26/2018	346	<4.00	510	1,120	36.17

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BH16	8/24/2018	5.36	<4.00	394	2,720	34.97
	9/26/2018	10.5	<4.00	104	48.0	36.00
BH17	8/24/2018	192	<4.00	352	1,290	36.11
	9/26/2018	221	<10.0	323	990	37.12

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

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