

2014 ANNUAL PROJECT SUMMARY TABLE

Incident Date	Remediation No.	Well Name	API	Status	NFA Submitted	NFA Approved Date	Site Summary (monitoring/remediation/wells installed or destroyed)	Wells Sampled (Last Quarter) 2014	Wells Exceeding 5 ug/L Benzene (Last Quarter Sampled 2014)	Benzene Range (ug/L) (Last Quarter 2014)	POC Established	2015 Recommendations	Well Reduction Request
1/20/2010	5645	HSR-MJ Farms 11, 12, 13, 14-7, Hildenbrandt Pooling GU #1	05-123-18790	Assessment/Remediation	NO	NA	<p>Quarterly groundwater monitoring since June 2010.</p> <p>MW03-MW09 installed May 2013.</p> <p>Free product was purged bi-monthly from MW01, MW02, MW04, and MW08 in 2013.</p> <p>Purging of free product discontinued in September 2013.</p> <p>MW01 was destroyed in April 2014.</p> <p>MW04 - MW07, and MW09 were destroyed July 2014.</p> <p>MW03 was destroyed September 2014.</p> <p>MW01R, MW03R-MW07R, MW09R, and MW10-MW15 were installed in October 2014</p>	MW01R, MW03R-MW07R, MW08, MW09R, MW10-MW15	MW01R, MW03R, MW05R-MW07R, MW08, MW09R, and MW12 - MW15	ND- 7,160	NO	<p>Additional monitoring wells will be installed to establish POC.</p> <p>Quarterly groundwater monitoring will continue.</p>	NA

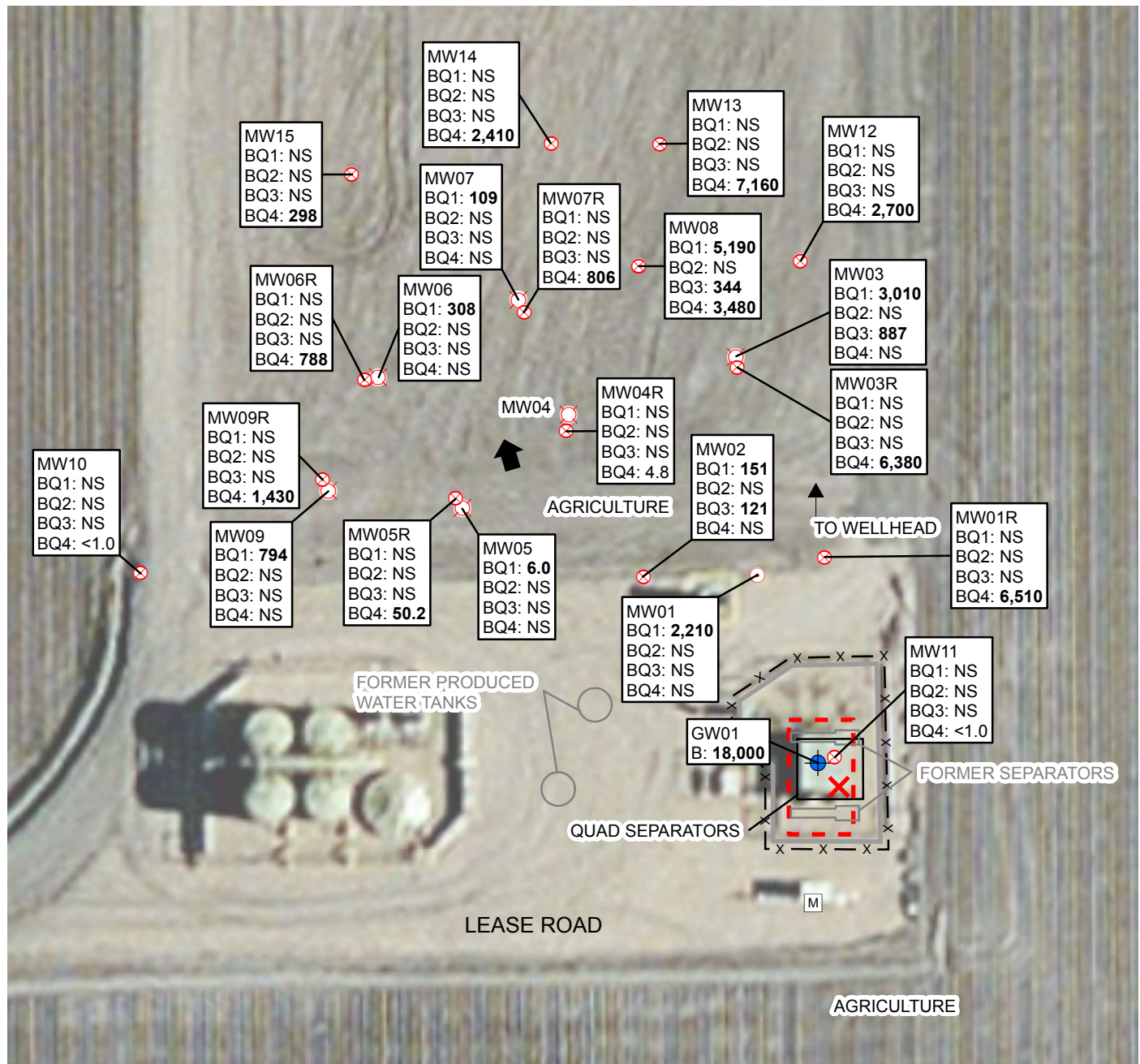
Notes:

NA - Not Applicable

ND - Non-Detect

NFA - No Further Action

POC - Point of Compliance



LEGEND

- RELEASE
- MONITORING WELL
- DESTROYED MONITORING WELL
- ABANDONED MONITORING WELL
- GROUNDWATER SAMPLE
- METER HOUSE
- SURVEYED GROUNDWATER FLOW DIRECTION
- FENCE
- EXCAVATION EXTENT
- FORMER BERM

GROUNDWATER SAMPLE ID
 B: BENZENE CONCENTRATION
 Q1-Q4: FIRST-FOURTH QUARTER 2014
 ALL RESULTS IN MICROGRAMS PER LITER
BOLD INDICATES RESULT ABOVE STANDARD
 <: LESS THAN LABORATORY REPORTING LIMIT
 NS: NOT SAMPLED

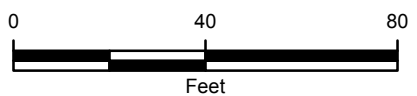


FIGURE 1
SITE MAP
 HSR-MJ FARMS 11, 12, 13, 14-7,
 HILDENBRANDT POOLING GU #1
 NESW SEC 7-T3N-R66W
 WELD COUNTY, COLORADO
 KERR-MCGEE OIL & GAS ONSHORE LP



TABLE 1
GROUNDWATER ANALYTICAL AND FIELD RESULTS
HSR-MJ FARMS 11,12,13,14-7, HILDENBRANDT POOLING GU #1
WELD COUNTY, COLORADO
KERR-MCGEE OIL & GAS ONSHORE LP

Well Name	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Depth Water/ (Product Thickness) (ft bgs)	Relative GW Elev. (ft)
GW01	01/19/2010	18000	25000	540	7600	NM	NA
MW01	06/15/2010	7600	14000	650	10000	15.05	82.03
	09/01/2010	19000	20000	440	5900	13.69	83.39
	12/06/2010	29000	31000	730	12000	14.69	82.39
	03/03/2011	8100	10000	430	7900	15.58	81.50
	06/02/2011	1400	1700	280	3300	15.28	81.80
	09/06/2011	9500	8900	450	7200	12.56	84.52
	12/05/2011	12000	8700	540	8100	13.07	84.01
	03/14/2012	2000	1800	240	4500	13.03	84.05
	06/14/2012	2900	250	570	8600	9.76	87.32
	09/14/2012	4400	4100	590	7400	15.55	81.53
	12/11/2012	3700	14	750	11000	15.67	81.41
	03/06/2013	Product - Not Sampled				17.78 (0.90)	79.30
	06/21/2013	Product - Not Sampled				16.48 (0.07)	80.60
	09/24/2013	2000	3900	470	7800	14.88	82.20
	12/02/2013	Product - Not Sampled				14.33 (0.01)	82.75
	12/06/2013	Surveyed - Not Sampled				14.52	82.61
	03/22/2014	2210	539	552	6670	15.62	81.46
MW01 destroyed as of 4/28/2014							
MW01R	12/22/2014	6510	1240	813	10200	13.85	NA
MW02	06/15/2010	2000	1600	49	940	14.88	81.95
	09/01/2010	760	28	5.9	150	13.54	83.29
	12/06/2010	520	15	11	170	14.51	82.32
	03/03/2011	1000	86	25	1400	15.45	81.38
	06/02/2011	940	65	58	700	15.13	81.70
	09/06/2011	2200	180	54	460	12.41	84.42
	12/05/2011	13000	8400	540	8000	12.92	83.91
	03/14/2012	400	62	88	800	12.94	83.89
	06/14/2012	1600	8.9	97	1300	9.95	86.88
	09/14/2012	830	440	140	1300	15.39	81.44
	12/11/2012	1400	<1.0	130	1800	15.46	81.37
	03/06/2013	Product - Not Sampled				17.38 (0.75)	79.45
	06/21/2013	Product - Not Sampled				16.28 (0.05)	80.55
	09/24/2013	950	1400	340	5100	14.68	82.15
	12/02/2013	440	288	230	2910	14.12	82.71



TABLE 1 (Continued)
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KERR-MCGEE OIL & GAS ONSHORE LP

Well Name	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Depth Water/ (Product Thickness) (ft bgs)	Relative GW Elev. (ft)
MW02	12/06/2013	Surveyed - Not Sampled				14.31	82.57
	03/22/2014	151	<10.0	119	1630	15.43	81.40
	07/15/2014	121	<10.0	216	1990	10.95	85.93
	09/30/2014	Inaccessible - Not Sampled				Inaccessible	NA
	12/22/2014	Damaged - Not Sampled				14.14	86.32
MW03	05/09/2013	2100	940	390	3900	15.61	77.79
	06/21/2013	3500	1700	240	3200	14.85	80.43
	09/24/2013	2800	570	170	2400	13.30	81.98
	12/02/2013	2590	122	156	1680	12.64	82.64
	12/06/2013	Surveyed - Not Sampled				12.91	82.46
	03/22/2014	3010	<20.0	134	1370	16.97	80.31
	07/15/2014	887	<20.0	92.6	1650	10.55	84.82
	09/30/2014	Inaccessible - Not Sampled				Inaccessible	NA
MW03R	12/22/2014	6380	70.1	565	7560	13.32	NA
MW04	05/09/2013	280	150	77	850	15.45	77.88
	06/21/2013	Product - Not Sampled				14.90 (0.30)	80.17
	09/24/2013	170	15	65	820	13.00	82.07
	12/02/2013	Product - Not Sampled				12.48 (0.01)	82.59
	12/06/2013	Surveyed - Not Sampled				12.89	82.43
	03/22/2014	Damaged - Not Sampled				PVC Blocked	NA
MW04 destroyed as of 7/15/2014							
MW04R	12/22/2014	4.8	<1.0	53.1	323	13.72	NA
MW05	05/09/2013	62	<1.0	180	1600	15.40	78.36
	06/21/2013	57	2.0	48	470	14.60	80.49
	09/24/2013	12	<1.0	18	73	13.20	81.89
	12/02/2013	9.1	<1.0	13.7	71.6	12.49	82.60
	12/06/2013	Surveyed - Not Sampled				12.83	82.48
	03/22/2014	6.0	<1.0	14.9	105	13.75	81.34
MW05 destroyed as of 7/15/2014							
MW05R	12/22/2014	50.2	<1.0	68.3	405	13.67	NA
MW06	05/17/2013	2200	<1.0	130	2000	15.55	79.61
	06/21/2013	1700	1.5	54	540	15.00	80.31
	09/24/2013	380	<1.0	22	240	13.35	81.96
	12/02/2013	274	<2.0	15.8	217	12.81	82.50



TABLE 1 (Continued)
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KERR-MCGEE OIL & GAS ONSHORE LP

Well Name	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Depth Water/ (Product Thickness) (ft bgs)	Relative GW Elev. (ft)
MW06	12/06/2013	Surveyed - Not Sampled				13.05	82.36
	03/22/2014	308	<1.0	6.9	47.6	14.09	81.22
MW06 destroyed as of 7/15/2014							
MW06R	12/22/2014	788	<1.0	95.4	1180	13.47	NA
MW07	05/17/2013	1200	1400	290	4000	15.35	79.54
	06/21/2013	340	84	84	600	14.80	80.19
	09/24/2013	75	3.2	6.3	42	13.00	81.99
	12/02/2013	182	2.9	13.1	116	12.48	82.51
	12/06/2013	Surveyed - Not Sampled				12.89	82.38
	03/22/2014	109	<2.0	<2.0	12.1	15.76	81.23
MW07 destroyed as of 7/15/2014							
MW07R	12/22/2014	806	3.8	372	5630	13.31	NA
MW08	05/17/2013	4700	2000	130	2000	15.55	79.77
	06/21/2013	Product - Not Sampled				14.90 (0.25)	80.17
	09/24/2013	Product - Not Sampled				13.08 (0.03)	81.99
	12/02/2013	2520	13.8	93.4	750	12.54	82.53
	12/06/2013	Surveyed - Not Sampled				12.77	82.39
	03/22/2014	5190	<1.0	<1.0	17.8	13.83	81.24
	07/15/2014	344	<50.0	<50.0	712	10.49	84.67
	09/30/2014	Inaccessible - Not Sampled				Inaccessible	NA
12/22/2014	3480	26.3	61.9	940	10.20	84.96	
MW09	05/17/2013	1500	150	170	1900	16.05	79.60
	06/21/2013	2500	120	190	2600	15.08	80.37
	09/24/2013	2300	4.6	110	2100	13.40	82.05
	12/02/2013	3390	2.1	241	2920	12.87	82.58
	12/06/2013	Surveyed - Not Sampled				13.15	82.43
	03/22/2014	794	<20.0	50.2	230	14.16	81.29
MW09 destroyed as of 7/15/2014							
MW09R	12/22/2014	1430	26.0	88.9	763	13.80	NA
MW10	12/22/2014	<1.0	<1.0	<1.0	<1.0	13.79	NA
MW11	12/22/2014	<1.0	<1.0	97.6	2010	13.83	NA
MW12	12/22/2014	2700	1000	420	5140	13.58	NA
MW13	12/22/2014	7160	476	294	4490	13.11	NA
MW14	12/22/2014	2410	<1.0	113	3000	13.20	NA



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Well Name	Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Depth Water/ (Product Thickness) (ft bgs)	Relative GW Elev. (ft)
MW15	12/22/2014	298	<1.0	3.2	184	13.47	NA
CGWQS		5	1000	700	1400		

Notes: ug/L - micrograms per Liter
ft bgs - feet below ground surface
GW - Groundwater

Elev. - Elevation
Bold numbers indicate result exceeded standard.
< - less than

NA - Not Analyzed/Not Available
NM - Not Measured
CGWQS - Colorado Groundwater Quality Standards

