3R – 424

2014 AGWMR

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bp

BP America Production Company
200 Energy Court
Farmington, NM 87401
Phone: (505) 326-9200

March 6, 2015

Mr. Glen VonGonten
Environmental Engineer
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Quarterly report for Heath Gas Com G 1Remediation Site

Dear Mr. VonGonten:

Attached is the 4th quarter 2014 update of the groundwater remediation activity conducted at the Heath Gas Com G 1 remediation site. This report was generated on behalf of BP by Trihydro Corporation and incorporates the most recent sampling and groundwater quality data. Recent data show all monitoring sites have achieved BTEX levels below WQCC standards. BP will continue to operate the air sparge remediation system and continue with sampling and monitoring until the site has achieved the requirements for closure. At that time a request for closure approval will be submitted to NMOCD.

If you have any questions please feel free to contact me at (505) 326-9479 or at peace.jeffrey@bp.com.

Sincerely,

Jeff Peace

Jeff Peace, P. E.
Field Environmental Coordinator

memorandum

To:	Mr. Jeffrey Peace, P.E. BP America Production, Farmington, NM
From:	Mr. John Pietz, P.E.
cc:	Mr. Jeff Blagg, Blagg Engineering, Inc.
Date:	March 6, 2015
Re:	Fourth Quarter Report, October - December 2014, Heath GC G#1 Well Site, San Juan County, New Mexico

Trihydro Corporation (Trihydro) has been working with BP America Production (BP) and Blagg Engineering, Inc. (BEI) to investigate and remediate a condensate release at the Heath GC G#1 Well Site located in San Juan County, New Mexico (Figure 1). The purpose of this memorandum is to provide a summary of activities and field data for the fourth quarter period from October - December 2014. These activities include monitoring well sampling and gauging, and operation of the air sparge system. Recommendations for future work are also presented. Figure 2 provides a map of the remediation systems.

1.0 COMPLETED ACTIVITIES

Activities completed during the October - December 2014 period included:

- Gauging of fluid level elevations on November 17, 2014
- Groundwater sampling for benzene, toluene, ethylbenzene and xylenes (BTEX) on November 18-19, 2014 of 16 wells
- Operation of the air sparge system.

2.0 QUARTERLY GROUNDWATER GAUGING AND SAMPLING

As of November 17, 2014, the site monitoring well network includes 37 monitoring wells (2-inch diameter) and 11 recovery wells (4-inch diameter). Well construction information is summarized in Table 1.

The saturated thickness of the water bearing zone at the site ranges from approximately 8 to 10 feet thick and consists of fine to medium sands. Based on boring logs of existing monitoring wells, a light blue clay and/or claystone underlies the water bearing zone. This lower confining layer is reportedly regional in extent. Based on available hydrogeological data, the water bearing zone resembles a well-defined groundwater flow channel that follows the topographic drainage channel westward toward the San Juan River.

2.1 GROUNDWATER GAUGING PROCEDURES

Depth to light non-aqueous phase liquid (LNAPL) petroleum, depth to groundwater, and total well depth, were measured in the monitoring well network on November 17, 2014 as part of the quarterly

groundwater monitoring event. Groundwater gauging and sampling was completed by BEI. Fluid levels (groundwater and product, if any) and total depths were measured to an accuracy of 0.01 feet using a Solinst oil/water interface probe. The probe was decontaminated before use and between well locations using a biodegradable detergent (Simple Green) and distilled water.

2.2 GROUNDWATER GAUGING RESULTS

Fluid level elevations from the November 17, 2014 gauging event are summarized in Table 2, along with historical gauging data since December 2009. As shown in Table 2, LNAPL was not detected in site monitoring, or recovery wells gauged on November 17, 2014. The depth to water ranged from 20 to 31 feet below measuring point (ft-bmp), with shallower groundwater generally occurring to the west of the site.

The potentiometric surface contours for the November 17, 2014 data are shown on Figure 3. Groundwater generally flows east to west at an average gradient of approximately 0.009 ft/ft between the release area and the down-gradient edge of the site at County Road 4460 (CR 4460), which is consistent with previous results. Hydrographs for four site monitoring wells (MW-1, MW-7, MW-17, and MW-34), located on the east and central areas of the site, are shown on Figure 4. As shown, water levels are near historic low at the site over the period 2010 – 2014.

3.0 GROUNDWATER QUALITY

The groundwater underlying the site is sampled and analyzed to monitor the nature, degree, and extent of impacts associated with the Heath GC G#1 Well Site condensate release. Additionally, the groundwater quality information is being utilized to evaluate progress towards remediating and mitigating the migration of residual dissolved-phase compounds. Groundwater quality sampling procedures and results are described below.

3.1 GROUNDWATER QUALITY SAMPLING METHODS

During the November 2014 sampling event, groundwater samples were collected from 16 wells (Table 3) by BEI. Numerous wells have attained and maintained New Mexico Water Quality Control Commission (NMWQCC) groundwater standards and were not sampled during this monitoring period. Samples were collected by purging three well casing volumes of water and collecting a sample in a dedicated disposable bailer. All samples were collected in new laboratory-provided preserved sample containers and immediately placed on ice in laboratory provided coolers. The samples were submitted under appropriate chain-of-custody, sample analyses request (COC/SAR) protocol. The samples were analyzed by Hall Environmental Laboratory (Albuquerque, New Mexico) for BTEX by USEPA SW 846 Method 8260B.

3.2 GROUNDWATER QUALITY SAMPLING RESULTS

The analytical results for BTEX for the current and past sampling events are presented in Table 3. Figure 5 provides a summary map of the November 2014 quarterly results for site monitoring wells. The

tables and figures include comparisons to the NMWQCC standards set forth in the New Mexico Administrative Code §20.6.2.3103. Figures 6 through 8 summarize historical benzene concentration trends from key wells in the central, northern, and western areas of the site, respectively. The complete analytical report for the November 2014 event is presented in Attachment A.

Several observations can be drawn from the November 2014 results, as follows:

- Benzene was not detected above the NMWQCC standard of 10 micrograms per liter (ug/L).
- Toluene was not detected above the NMWQCC standard of 750 ug/L.
- Ethylbenzene was not detected above the NMWQCC standard of 750 ug/L.
- Xylene was not detected above the NMWQCC standard of 620 ug/L.

For the second consecutive quarter, all sampled wells were below the NMWQCC standards for BTEX.

4.0 REMEDIATION SYSTEM OPERATION AND OPTIMIZATION

Currently, groundwater remediation at the site consists of air sparging. A groundwater extraction system was also installed at the site, and began operations in September 2012. However, this system is not operating because the air sparge system alone is sufficient for remediation of the residual groundwater hydrocarbons. Further details of current remedial activities are provided below.

4.1 AIR SPARGE SYSTEM

The air sparge system was installed in several phases, and started operation in March 2010. The current air sparge system is shown in Figure 2. The system consists of three areas with 69 wells: the central area consisting of 30 wells (AS-1 through AS-30), the west area consisting of 15 wells (AS-55 through AS-69), and the northeast area consisting of 24 wells (AS-31 through AS-54). The central and northeast area systems were installed in February - August 2010. The western area system was installed in June and July 2010 in response to elevated BTEX concentrations down-gradient of well MW-30, and detections of BTEX in down-gradient wells, MW-41 through MW-44.

The west and northeast system air sparge wells are completed to an average depth of approximately 8-10 feet below the water table. The central air sparge wells are completed to an average depth approximately 7 feet below the water table surface. All air sparge wells consist of 2-inch schedule 40 PVC well materials, with 1.5 ft of screen. Air supply headers are also constructed of 2-inch schedule 40 PVC pipe.

Currently, the air supply for the air sparge system consists of two dedicated positive displacement blowers powered by utility power. The system had previously used an on-site natural gas generator for the onsite blower power. Prior to installation of the dedicated blowers, two portable diesel powered compressors were used to provide air flow to the air sparge wells.

The northeast area, which had not been operated due to its up-gradient location relative to the plume, was activated on July 10, 2013 to remediate an area likely to contain residual source hydrocarbons. As demonstrated by subsequent quarterly sampling results, operation of air sparging in the source area has resulted in significant reductions in ethylbenzene and xylene concentrations.

Performance of the air sparge system is tracked and evaluated through the groundwater monitoring program described above. This system has been effective in reducing BTEX concentrations in numerous site monitoring wells (see Figures 6, 7, and 8). In addition to the volatilization of BTEX associated with sparging, contaminant mass loss may also be attributable to natural attenuation process such as aerobic biodegradation, advection, dispersion, and dilution.

4.2 GROUNDWATER EXTRACTION SYSTEM

The groundwater extraction system at the site began operation on September 4, 2012 and operated for approximately two months prior to on-site generator issues and the onset of winter weather. This system is currently not operated, given the absence of BTEX in down-gradient wells and the substantial remedial progress that has been achieved at the site.

The recovery wells for the system consist of five wells (RW-49, RW-50, RW-52, RW-53, and RW-54) operated as a hydraulic barrier to control migration of the groundwater plume. When operational, the flow rate was approximately 8 gpm from RW-49.

The treatment system consists of the following unit operations: oil/water separation, chemical sequestration injection, air stripping, bag filtration, and injection into eight upgradient injection wells. The influent and effluent groundwater to the system were sampled monthly during the time that the system was operational.

4.3 LNAPL RECOVERY

An LNAPL recovery system consisting of skimmer pumps operated at the site from June through September 2010. Skimmers are currently not deployed at the site. Operation was terminated when LNAPL was no longer detected in sufficient thickness for skimmer operation. LNAPL has not been detected at the site since September 2010. The total volume of recovered LNAPL is estimated to be approximately 120 gallons.

4.4 REMEDIATION SYSTEM OPTIMIZATION

In consultation with BP, the following recommendations have been identified to optimize site remediation:

- Continue to operate the air sparge system within the source area to achieve permanent reduction in source area ethylbenzene and xylene groundwater concentrations.

- For future quarterly sampling events, reduce the number of monitoring wells according to which wells have already attained eight consecutive quarters of compliance with standards and are not located within the source area.

5.0 SUMMARY OF OPERATIONS TO DATE

Significant improvements in groundwater quality have been achieved by operation of the remediation systems at the site. All monitoring wells sampled this quarter fell below the NMWQCC standards for BTEX. Following an additional six consecutive quarters of compliance, all site wells will have met the requirement for eight consecutive quarters of compliance with standards. As shown by the historical data (Table 3), other site wells have already achieved eight consecutive quarters or more of compliance with standards. Attainment of this requirement in all wells should qualify the site for closure.

865-003-003

TABLES

TABLE 1. WELL CONSTRUCTION SUMMARY
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Completed	Measuring Point Elevation (ft-msl)	Casing Diameter & Type	Depth to Top Screen (ft-bgs)	Depth to Bottom Screen (ft-bgs)
MW-1	12/18/2009	5611.46	2" PVC	14.00	29.00
MW-3	1/25/2010	5614.42	2" PVC	19.50	34.50
MW-5	1/26/2010	5615.22	2" PVC	21.88	36.88
MW-6	1/27/2010	5613.94	2" PVC	19.50	34.50
MW-7	1/27/2010	5614.21	2" PVC	20.00	35.00
MW-8	1/27/2010	5613.26	2" PVC	20.40	35.40
MW-10	1/27/2010	5612.65	2" PVC	20.10	35.10
MW-11	2/01/2010	5611.20	2" PVC	19.80	34.80
RW-12	2/03/2010	5612.48	4" PVC	19.50	34.50
RW-13	2/11/2010	5612.87	4" PVC	19.50	34.50
RW-14	2/11/2010	5613.05	4" PVC	19.50	34.50
MW-15	2/12/2010	5617.27	2" PVC	19.40	34.40
MW-16	2/16/2010	5612.39	2" PVC	19.00	34.00
MW-17	2/16/2010	5613.90	2" PVC	18.80	33.80
RW-19	2/16/2010	5612.96	4" PVC	19.50	34.50
MW-23	2/17/2010	5611.96	2" PVC	18.10	33.10
MW-24	3/02/2010	5611.53	2" PVC	19.00	34.00
MW-25	3/16/2010	5613.44	2" PVC	19.10	34.10
MW-26	3/16/2010	5614.27	2" PVC	20.00	35.00
MW-27	3/16/2010	5609.80	2" PVC	18.00	33.00
MW-28	3/17/2010	5609.92	2" PVC	18.20	33.20
MW-29	3/17/2010	5610.10	2" PVC	17.85	32.85
MW-30	3/18/2010	5610.61	2" PVC	18.20	33.20
RW-32	3/19/2010	5613.07	4" PVC	18.70	33.70
RW-33	3/19/2010	5612.53	4" PVC	18.00	34.00
MW-34	4/12/2010	5609.34	2" PVC	20.00	35.00
MW-35	4/15/2010	5611.93	2" PVC	20.00	35.00
MW-36	4/22/2010	5612.53	2" PVC	20.00	35.00
MW-38	5/26/2010	5600.99	2" PVC	20.00	35.00
MW-39	5/26/2010	5600.00	2" PVC	10.00	25.00
MW-40	5/27/2010	5600.35	2" PVC	13.00	28.00
MW-41	5/27/2010	5604.96	2" PVC	15.00	30.00
MW-42	7/01/2010	5609.54	2" PVC	20.00	35.00
MW-43	7/01/2010	5609.35	2" PVC	20.00	35.00
MW-44	7/01/2010	5602.74	2" PVC	12.00	27.00
MW-45	7/02/2010	5609.40	2" PVC	19.00	34.00
MW-46	8/18/2010	5600.62	2" PVC	15.00	30.00
MW-47	2/19/2010	5604.40	2" PVC	15.00	30.00
MW-48	8/19/2010	5594.27	2" PVC	12.00	27.00
RW-49	8/25/2010	5608.20	4" PVC	19.00	39.00
RW-50	8/31/2010	5597.84	4" PVC	17.00	37.00
MW-51	9/01/2010	5592.86	2" PVC	12.00	27.00
MW-52	9/01/2010	5601.62	4" PVC	13.00	33.00
RW-53	9/28/2010	5605.85	4" PVC	16.00	36.00
RW-54	9/28/2010	5600.42	4" PVC	11.00	31.00
MW-55	1/13/2011	5591.84*	2" PVC	7.00	22.00
MW-56	1/13/2011	5603.56	2" PVC	17.00	32.00
MW-58	4/4/2011	5593.37	2" PVC	7.00	22.00
MW-59	4/4/2011	5588.38	2" PVC	3.00	18.00
MW-60	7/26/2011	5599.60*	2" PVC	7.00	22.00

Notes:

ft-msl = feet above mean sea level PVC = polyvinyl chloride

ft-bgs = feet below ground surface. Elevations relative to NAD83 by CH2MHill in July and October 2010

* = Field surveyed by Blagg Engineering, Inc

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-1	12/15/2009	ND	25.22	NA	5586.24	5586.24
MW-1	2/18/2010	NA	NA	NA	NA	NA
MW-1	4/26/2010	ND	25.00	NA	5586.46	5586.46
MW-1	5/24/2010	ND	25.02	NA	5586.44	5586.44
MW-1	6/14/2010	ND	25.18	NA	5586.28	5586.28
MW-1	7/12/2010	ND	25.29	NA	5586.17	5586.17
MW-1	8/09/2010	ND	25.18	NA	5586.28	5586.28
MW-1	8/10/2010	ND	25.34	NA	5586.12	5586.12
MW-1	9/20/2010	ND	24.70	NA	5586.76	5586.76
MW-1	11/15/2010	NA	NA	NA	NA	NA
MW-1	2/10/2011	ND	23.21	NA	5588.25	5588.25
MW-1	5/26/2011	ND	23.11	NA	5588.35	5588.35
MW-1	8/22/2011	ND	23.56	NA	5587.90	5587.90
MW-1	11/14/2011	ND	23.48	NA	5587.98	5587.98
MW-1	2/18/2012	ND	23.40	NA	5588.06	5588.06
MW-1	6/14/2012	ND	23.78	NA	5587.68	5587.68
MW-1	9/19/2012	ND	23.02	NA	5588.44	5588.44
MW-1	11/12/2012	ND	23.93	NA	5587.53	5587.53
MW-1	2/22/2013	ND	24.15	NA	5587.31	5587.31
MW-1	5/18/2013	ND	24.35	NA	5587.11	5587.11
MW-1	8/20/2013	ND	24.98	NA	5586.48	5586.48
MW-1	12/02/2013	ND	24.72	NA	5586.74	5586.74
MW-1	2/21/2014	ND	24.71	NA	5586.75	5586.75
MW-1	5/20/2014	ND	24.88	NA	5586.58	5586.58
MW-1	8/21/2014	ND	25.39	NA	5586.07	5586.07
MW-1	11/17/2014	ND	25.45	NA	5586.01	5586.01
MW-3	6/14/2010	29.02	29.75	0.73	5584.67	5585.24
MW-3	6/17/2010	29.10	30.01	0.91	5584.41	5585.12
MW-3	7/12/2010	NA	NA	NA	NA	NA
MW-3	8/09/2010	29.06	29.74	0.68	5584.68	5585.21
MW-3	8/10/2010	29.15	29.35	0.20	5585.07	5585.23
MW-3	9/20/2010	28.94	29.61	0.67	5584.81	5585.33
MW-3	11/15/2010	NA	NA	NA	NA	NA
MW-3	2/10/2011	NA	NA	NA	NA	NA
MW-3	5/26/2011	ND	27.24	NA	5587.18	5587.18
MW-3	8/22/2011	ND	27.79	NA	5586.63	5586.63
MW-3	11/14/2011	ND	27.62	NA	5586.80	5586.80
MW-3	2/18/2012	ND	27.51	NA	5586.91	5586.91
MW-3	6/14/2012	ND	27.97	NA	5586.45	5586.45
MW-3	9/19/2012	ND	27.84	NA	5586.58	5586.58

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-3	11/12/2012	ND	27.92	NA	5586.50	5586.50
MW-3	2/22/2013	ND	28.23	NA	5586.19	5586.19
MW-3	5/18/2013	ND	28.40	NA	5586.02	5586.02
MW-3	8/20/2013	ND	29.02	NA	5585.40	5585.40
MW-3	12/02/2013	ND	28.84	NA	5585.58	5585.58
MW-3	2/21/2014	ND	28.82	NA	5585.60	5585.60
MW-3	5/20/2014	ND	28.98	NA	5585.44	5585.44
MW-3	8/21/2014	ND	29.49	NA	5584.93	5584.93
MW-3	11/17/2014	ND	29.51	NA	5584.91	5584.91
MW-5	1/28/2010	ND	30.54	NA	5584.68	5584.68
MW-5	2/24/2010	ND	30.48	NA	5584.74	5584.74
MW-5	3/24/2010	ND	30.45	NA	5584.77	5584.77
MW-5	4/27/2010	ND	30.50	NA	5584.72	5584.72
MW-5	5/25/2010	ND	30.49	NA	5584.73	5584.73
MW-5	6/14/2010	ND	35.56	NA	5579.66	5579.66
MW-5	6/17/2010	30.69	30.71	0.02	5584.51	5584.53
MW-5	7/12/2010	ND	30.54	NA	5584.68	5584.68
MW-5	8/09/2010	35.41	35.59	0.18	5579.63	5579.77
MW-5	8/10/2010	30.71	31.31	0.60	5583.91	5584.38
MW-5	9/20/2010	35.31	35.40	0.09	5579.82	5579.89
MW-5	11/15/2010	ND	29.49	NA	5585.73	5585.73
MW-5	2/10/2011	ND	28.73	NA	5586.49	5586.49
MW-5	5/26/2011	ND	28.68	NA	5586.54	5586.54
MW-5	8/22/2011	ND	29.17	NA	5586.05	5586.05
MW-5	11/14/2011	ND	29.06	NA	5586.16	5586.16
MW-5	2/18/2012	ND	28.91	NA	5586.31	5586.31
MW-5	6/14/2012	ND	29.48	NA	5585.74	5585.74
MW-5	9/19/2012	ND	29.44	NA	5585.78	5585.78
MW-5	11/12/2012	ND	29.51	NA	5585.71	5585.71
MW-5	2/22/2013	ND	29.62	NA	5585.60	5585.60
MW-5	5/18/2013	ND	29.78	NA	5585.44	5585.44
MW-5	12/02/2013	ND	30.35	NA	5584.87	5584.87
MW-5	2/21/2014	ND	30.27	NA	5584.95	5584.95
MW-5	5/20/2014	ND	30.41	NA	5584.81	5584.81
MW-5	8/21/2014	ND	30.86	NA	5584.36	5584.36
MW-5	11/17/2014	ND	30.94	NA	5584.28	5584.28
MW-6	6/14/2010	28.85	29.19	0.34	5584.75	5585.02
MW-6	7/12/2010	28.82	29.43	0.61	5584.51	5584.99
MW-6	8/09/2010	28.95	29.21	0.26	5584.73	5584.93
MW-6	8/10/2010	28.91	29.10	0.19	5584.84	5584.99

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-6	9/20/2010	28.88	29.11	0.23	5584.83	5585.01
MW-6	11/15/2010	NA	NA	NA	NA	NA
MW-6	2/10/2011	NA	NA	NA	NA	NA
MW-6	5/26/2011	ND	26.98	NA	5586.96	5586.96
MW-6	8/22/2011	ND	27.47	NA	5586.47	5586.47
MW-6	11/14/2011	ND	27.35	NA	5586.59	5586.59
MW-6	2/18/2012	ND	27.23	NA	5586.71	5586.71
MW-6	6/14/2012	ND	27.75	NA	5586.19	5586.19
MW-6	9/19/2012	ND	26.58	NA	5587.36	5587.36
MW-6	11/12/2012	ND	27.68	NA	5586.26	5586.26
MW-6	2/22/2013	ND	27.95	NA	5585.99	5585.99
MW-6	5/18/2013	ND	28.05	NA	5585.89	5585.89
MW-6	8/20/2013	ND	28.77	NA	5585.17	5585.17
MW-6	5/20/2014	ND	28.71	NA	5585.23	5585.23
MW-6	8/21/2014	ND	29.23	NA	5584.71	5584.71
MW-6	11/17/2014	ND	29.25	NA	5584.69	5584.69
MW-7	1/28/2010	ND	28.71	NA	5585.50	5585.50
MW-7	3/08/2010	ND	28.64	NA	5585.57	5585.57
MW-7	3/24/2010	ND	28.60	NA	5585.61	5585.61
MW-7	4/27/2010	ND	28.65	NA	5585.56	5585.56
MW-7	5/25/2010	ND	28.65	NA	5585.56	5585.56
MW-7	6/14/2010	ND	28.75	NA	5585.46	5585.46
MW-7	6/17/2010	ND	28.77	NA	5585.44	5585.44
MW-7	7/12/2010	ND	28.82	NA	5585.39	5585.39
MW-7	8/09/2010	ND	28.74	NA	5585.47	5585.47
MW-7	8/10/2010	ND	28.97	NA	5585.24	5585.24
MW-7	9/20/2010	ND	28.22	NA	5585.99	5585.99
MW-7	11/15/2010	ND	27.63	NA	5586.58	5586.58
MW-7	2/10/2011	ND	26.90	NA	5587.31	5587.31
MW-7	5/26/2011	ND	26.79	NA	5587.42	5587.42
MW-7	8/22/2011	ND	27.27	NA	5586.94	5586.94
MW-7	11/14/2011	ND	27.16	NA	5587.05	5587.05
MW-7	2/18/2012	ND	27.05	NA	5587.16	5587.16
MW-7	6/14/2012	ND	27.47	NA	5586.74	5586.74
MW-7	9/19/2012	ND	27.39	NA	5586.82	5586.82
MW-7	11/12/2012	ND	27.44	NA	5586.77	5586.77
MW-7	2/22/2013	ND	27.75	NA	5586.46	5586.46
MW-7	5/18/2013	ND	27.96	NA	5586.25	5586.25
MW-7	8/20/2013	ND	28.58	NA	5585.63	5585.63
MW-7	12/02/2013	ND	28.38	NA	5585.83	5585.83

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-7	2/21/2014	ND	28.36	NA	5585.85	5585.85
MW-7	5/20/2014	ND	28.51	NA	5585.70	5585.70
MW-7	8/21/2014	ND	29.04	NA	5585.17	5585.17
MW-7	11/17/2014	ND	29.05	NA	5585.16	5585.16
MW-8	1/28/2010	ND	28.33	NA	5584.93	5584.93
MW-8	6/14/2010	28.22	29.18	0.96	5584.08	5584.83
MW-8	6/17/2010	28.22	29.24	1.02	5584.02	5584.82
MW-8	7/12/2010	28.25	28.83	0.58	5584.43	5584.88
MW-8	8/09/2010	28.20	29.15	0.95	5584.11	5584.85
MW-8	8/10/2010	28.39	28.65	0.26	5584.61	5584.81
MW-8	9/20/2010	27.86	28.65	0.79	5584.61	5585.23
MW-8	11/15/2010	ND	27.22	NA	5586.04	5586.04
MW-8	2/10/2011	NA	NA	NA	NA	NA
MW-8	5/26/2011	ND	26.38	NA	5586.88	5586.88
MW-8	8/22/2011	ND	26.85	NA	5586.41	5586.41
MW-8	11/14/2011	ND	26.73	NA	5586.53	5586.53
MW-8	2/18/2012	ND	26.63	NA	5586.63	5586.63
MW-8	6/14/2012	ND	27.16	NA	5586.10	5586.10
MW-8	9/19/2012	ND	26.98	NA	5586.28	5586.28
MW-8	11/12/2012	ND	27.09	NA	5586.17	5586.17
MW-8	2/22/2013	ND	27.34	NA	5585.92	5585.92
MW-8	5/18/2013	ND	27.54	NA	5585.72	5585.72
MW-8	12/02/2013	ND	27.93	NA	5585.33	5585.33
MW-8	2/21/2014	ND	27.96	NA	5585.30	5585.30
MW-8	5/20/2014	ND	28.11	NA	5585.15	5585.15
MW-8	8/21/2014	ND	28.64	NA	5584.62	5584.62
MW-8	11/17/2014	ND	28.65	NA	5584.61	5584.61
MW-10	1/28/2010	ND	28.29	NA	5584.36	5584.36
MW-10	2/24/2010	ND	28.32	NA	5584.33	5584.33
MW-10	3/24/2010	ND	28.32	NA	5584.33	5584.33
MW-10	4/27/2010	ND	28.11	NA	5584.54	5584.54
MW-10	5/25/2010	ND	28.08	NA	5584.57	5584.57
MW-10	6/14/2010	ND	28.46	NA	5584.19	5584.19
MW-10	7/12/2010	ND	28.19	NA	5584.46	5584.46
MW-10	8/09/2010	ND	28.45	NA	5584.20	5584.20
MW-10	8/10/2010	ND	28.48	NA	5584.17	5584.17
MW-10	9/20/2010	ND	27.93	NA	5584.72	5584.72
MW-10	11/15/2010	ND	27.11	NA	5585.54	5585.54
MW-10	2/10/2011	ND	26.95	NA	5585.70	5585.70
MW-10	5/26/2011	ND	26.31	NA	5586.34	5586.34

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-10	8/22/2011	ND	26.80	NA	5585.85	5585.85
MW-10	11/14/2011	ND	26.18	NA	5586.47	5586.47
MW-10	2/18/2012	ND	26.51	NA	5586.14	5586.14
MW-10	6/14/2012	ND	27.11	NA	5585.54	5585.54
MW-10	9/19/2012	ND	27.04	NA	5585.61	5585.61
MW-10	11/12/2012	ND	27.15	NA	5585.50	5585.50
MW-10	2/22/2013	ND	27.21	NA	5585.44	5585.44
MW-10	5/18/2013	ND	27.38	NA	5585.27	5585.27
MW-10	8/20/2013	ND	28.00	NA	5584.65	5584.65
MW-10	12/02/2013	ND	27.85	NA	5584.80	5584.80
MW-10	2/21/2014	ND	27.86	NA	5584.79	5584.79
MW-10	5/20/2014	ND	27.99	NA	5584.66	5584.66
MW-10	8/21/2014	ND	28.46	NA	5584.19	5584.19
MW-10	11/17/2014	ND	28.46	NA	5584.19	5584.19
MW-11	2/11/2010	ND	26.96	NA	5584.24	5584.24
MW-11	2/24/2010	ND	27.04	NA	5584.16	5584.16
MW-11	3/24/2010	ND	27.05	NA	5584.15	5584.15
MW-11	4/27/2010	ND	27.08	NA	5584.12	5584.12
MW-11	5/25/2010	ND	27.08	NA	5584.12	5584.12
MW-11	6/14/2010	ND	27.43	NA	5583.77	5583.77
MW-11	6/17/2010	ND	27.31	NA	5583.89	5583.89
MW-11	7/12/2010	ND	27.19	NA	5584.01	5584.01
MW-11	8/09/2010	ND	27.41	NA	5583.79	5583.79
MW-11	8/10/2010	ND	27.47	NA	5583.73	5583.73
MW-11	9/20/2010	ND	26.89	NA	5584.31	5584.31
MW-11	11/15/2010	ND	26.14	NA	5585.06	5585.06
MW-11	2/10/2011	ND	25.43	NA	5585.77	5585.77
MW-11	5/26/2011	ND	25.34	NA	5585.86	5585.86
MW-11	8/22/2011	ND	25.80	NA	5585.40	5585.40
MW-11	11/14/2011	ND	25.67	NA	5585.53	5585.53
MW-11	2/18/2012	ND	25.52	NA	5585.68	5585.68
MW-11	6/14/2012	ND	26.11	NA	5585.09	5585.09
MW-11	9/19/2012	ND	26.16	NA	5585.04	5585.04
MW-11	11/12/2012	ND	26.24	NA	5584.96	5584.96
MW-11	2/22/2013	ND	26.18	NA	5585.02	5585.02
MW-11	5/18/2013	ND	26.36	NA	5584.84	5584.84
MW-11	8/20/2013	ND	26.96	NA	5584.24	5584.24
MW-11	12/02/2013	ND	26.82	NA	5584.38	5584.38
MW-11	2/21/2014	ND	26.79	NA	5584.41	5584.41
MW-11	5/20/2014	ND	26.92	NA	5584.28	5584.28

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-11	8/21/2014	ND	27.42	NA	5583.78	5583.78
MW-11	11/17/2014	ND	27.43	NA	5583.77	5583.77
RW-12	6/14/2010	ND	28.50	NA	5583.98	5583.98
RW-12	7/12/2010	NA	NA	NA	NA	NA
RW-12	8/09/2010	NA	NA	NA	NA	NA
RW-12	8/10/2010	ND	27.79	NA	5584.69	5584.69
RW-12	9/20/2010	NA	NA	NA	NA	NA
RW-12	11/15/2010	26.45	26.48	0.03	5586.00	5586.02
RW-12	2/10/2011	NA	NA	NA	NA	NA
RW-12	5/26/2011	ND	25.64	NA	5586.84	5586.84
RW-12	8/22/2011	ND	26.14	NA	5586.34	5586.34
RW-12	11/14/2011	ND	26.00	NA	5586.48	5586.48
RW-12	2/18/2012	ND	25.89	NA	5586.59	5586.59
RW-12	6/14/2012	ND	26.41	NA	5586.07	5586.07
RW-12	9/19/2012	ND	26.28	NA	5586.20	5586.20
RW-12	11/12/2012	ND	26.33	NA	5586.15	5586.15
RW-12	2/22/2013	ND	26.58	NA	5585.90	5585.90
RW-12	5/18/2013	ND	26.79	NA	5585.69	5585.69
RW-12	12/02/2013	ND	27.25	NA	5585.23	5585.23
RW-12	2/21/2014	ND	27.25	NA	5585.23	5585.23
RW-12	5/20/2014	ND	27.38	NA	5585.10	5585.10
RW-12	8/21/2014	ND	27.87	NA	5584.61	5584.61
RW-12	11/17/2014	ND	27.89	NA	5584.59	5584.59
RW-13	7/12/2010	27.91	28.21	0.30	5584.66	5584.89
RW-13	8/09/2010	NA	NA	NA	NA	NA
RW-13	8/10/2010	ND	28.06	NA	5584.81	5584.81
RW-13	9/20/2010	NA	NA	NA	NA	NA
RW-13	11/15/2010	ND	27.85	NA	5585.02	5585.02
RW-13	2/10/2011	NA	NA	NA	NA	NA
RW-13	5/26/2011	ND	25.98	NA	5586.89	5586.89
RW-13	8/22/2011	ND	26.46	NA	5586.41	5586.41
RW-13	11/14/2011	ND	26.37	NA	5586.50	5586.50
RW-13	2/18/2012	ND	26.22	NA	5586.65	5586.65
RW-13	6/14/2012	ND	26.75	NA	5586.12	5586.12
RW-13	9/19/2012	ND	26.60	NA	5586.27	5586.27
RW-13	11/12/2012	ND	26.69	NA	5586.18	5586.18
RW-13	2/22/2013	ND	26.93	NA	5585.94	5585.94
RW-13	5/18/2013	ND	27.12	NA	5585.75	5585.75
RW-13	8/20/2013	ND	27.76	NA	5585.11	5585.11
RW-13	12/02/2013	ND	27.59	NA	5585.28	5585.28

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
RW-13	2/21/2014	ND	27.58	NA	5585.29	5585.29
RW-13	5/20/2014	ND	27.70	NA	5585.17	5585.17
RW-13	8/21/2014	ND	28.22	NA	5584.65	5584.65
RW-13	11/17/2014	ND	28.28	NA	5584.59	5584.59
RW-14	6/17/2010	28.21	28.30	0.09	5584.75	5584.82
RW-14	7/12/2010	28.00	28.65	0.65	5584.40	5584.91
RW-14	8/09/2010	NA	NA	NA	NA	NA
RW-14	8/10/2010	ND	28.12	NA	5584.93	5584.93
RW-14	9/20/2010	NA	NA	NA	NA	NA
RW-14	11/15/2010	NA	NA	NA	NA	NA
RW-14	2/10/2011	NA	NA	NA	NA	NA
RW-14	5/26/2011	ND	26.20	NA	5586.85	5586.85
RW-14	8/22/2011	ND	26.77	NA	5586.28	5586.28
RW-14	11/14/2011	ND	26.60	NA	5586.45	5586.45
RW-14	2/18/2012	ND	26.44	NA	5586.61	5586.61
RW-14	6/14/2012	ND	26.97	NA	5586.08	5586.08
RW-14	9/19/2012	ND	26.87	NA	5586.18	5586.18
RW-14	11/12/2012	ND	26.94	NA	5586.11	5586.11
RW-14	2/22/2013	ND	27.16	NA	5585.89	5585.89
RW-14	5/18/2013	ND	27.34	NA	5585.71	5585.71
RW-14	8/20/2013	ND	27.97	NA	5585.08	5585.08
RW-14	12/02/2013	ND	27.78	NA	5585.27	5585.27
RW-14	2/21/2014	ND	27.79	NA	5585.26	5585.26
RW-14	5/20/2014	ND	27.92	NA	5585.13	5585.13
RW-14	8/21/2014	ND	28.43	NA	5584.62	5584.62
RW-14	11/17/2014	ND	28.46	NA	5584.59	5584.59
MW-15	2/18/2010	ND	28.61	NA	5588.66	5588.66
MW-15	6/14/2010	ND	28.81	NA	5588.46	5588.46
MW-15	6/17/2010	28.05	28.22	0.17	5589.05	5589.18
MW-15	7/12/2010	ND	28.90	NA	5588.37	5588.37
MW-15	8/09/2010	ND	28.84	NA	5588.43	5588.43
MW-15	8/10/2010	ND	28.95	NA	5588.32	5588.32
MW-15	9/20/2010	ND	28.31	NA	5588.96	5588.96
MW-15	11/15/2010	ND	27.53	NA	5589.74	5589.74
MW-15	2/10/2011	ND	26.78	NA	5590.49	5590.49
MW-15	5/26/2011	ND	26.77	NA	5590.50	5590.50
MW-15	8/22/2011	ND	27.21	NA	5590.06	5590.06
MW-15	11/14/2011	ND	27.18	NA	5590.09	5590.09
MW-15	2/18/2012	ND	27.11	NA	5590.16	5590.16
MW-15	6/14/2012	ND	27.52	NA	5589.75	5589.75

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-15	9/19/2012	ND	27.02	NA	5590.25	5590.25
MW-15	11/12/2012	ND	27.10	NA	5590.17	5590.17
MW-15	2/22/2013	ND	27.87	NA	5589.40	5589.40
MW-15	5/18/2013	ND	28.10	NA	5589.17	5589.17
MW-15	8/20/2013	ND	28.68	NA	5588.59	5588.59
MW-15	12/02/2013	ND	28.41	NA	5588.86	5588.86
MW-15	2/21/2014	ND	28.37	NA	5588.90	5588.90
MW-15	5/20/2014	ND	28.55	NA	5588.72	5588.72
MW-15	8/21/2014	ND	29.13	NA	5588.14	5588.14
MW-15	11/17/2014	ND	29.04	NA	5588.23	5588.23
MW-16	2/24/2010	ND	27.91	NA	5584.48	5584.48
MW-16	3/24/2010	ND	27.82	NA	5584.57	5584.57
MW-16	4/27/2010	ND	27.87	NA	5584.52	5584.52
MW-16	5/25/2010	ND	27.80	NA	5584.59	5584.59
MW-16	6/14/2010	ND	28.02	NA	5584.37	5584.37
MW-16	6/17/2010	ND	28.05	NA	5584.34	5584.34
MW-16	7/12/2010	ND	27.99	NA	5584.40	5584.40
MW-16	8/09/2010	ND	28.06	NA	5584.33	5584.33
MW-16	8/10/2010	ND	28.33	NA	5584.06	5584.06
MW-16	9/20/2010	ND	27.60	NA	5584.79	5584.79
MW-16	11/15/2010	ND	26.83	NA	5585.56	5585.56
MW-16	2/10/2011	ND	26.25	NA	5586.14	5586.14
MW-16	5/26/2011	ND	25.97	NA	5586.42	5586.42
MW-16	8/22/2011	ND	26.44	NA	5585.95	5585.95
MW-16	11/14/2011	ND	26.35	NA	5586.04	5586.04
MW-16	2/18/2012	ND	26.22	NA	5586.17	5586.17
MW-16	6/14/2012	ND	26.73	NA	5585.66	5585.66
MW-16	9/19/2012	ND	26.53	NA	5585.86	5585.86
MW-16	11/12/2012	ND	26.66	NA	5585.73	5585.73
MW-16	2/22/2013	ND	26.94	NA	5585.45	5585.45
MW-16	5/18/2013	ND	27.13	NA	5585.26	5585.26
MW-16	8/20/2013	ND	27.77	NA	5584.62	5584.62
MW-16	12/02/2013	ND	27.61	NA	5584.78	5584.78
MW-16	2/21/2014	ND	27.57	NA	5584.82	5584.82
MW-16	5/20/2014	ND	27.71	NA	5584.68	5584.68
MW-16	8/21/2014	ND	28.23	NA	5584.16	5584.16
MW-16	11/17/2014	ND	28.25	NA	5584.14	5584.14
MW-17	2/18/2010	ND	27.53	NA	5586.37	5586.37
MW-17	4/27/2010	ND	27.49	NA	5586.41	5586.41
MW-17	5/24/2010	ND	27.51	NA	5586.39	5586.39

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-17	6/14/2010	ND	27.67	NA	5586.23	5586.23
MW-17	7/12/2010	ND	27.75	NA	5586.15	5586.15
MW-17	8/09/2010	ND	27.70	NA	5586.20	5586.20
MW-17	8/10/2010	ND	27.82	NA	5586.08	5586.08
MW-17	9/20/2010	ND	27.22	NA	5586.68	5586.68
MW-17	11/15/2010	ND	26.44	NA	5587.46	5587.46
MW-17	2/10/2011	ND	25.69	NA	5588.21	5588.21
MW-17	5/26/2011	ND	25.61	NA	5588.29	5588.29
MW-17	8/22/2011	ND	26.03	NA	5587.87	5587.87
MW-17	11/14/2011	ND	25.96	NA	5587.94	5587.94
MW-17	2/18/2012	ND	25.88	NA	5588.02	5588.02
MW-17	6/14/2012	ND	26.27	NA	5587.63	5587.63
MW-17	9/19/2012	ND	25.28	NA	5588.62	5588.62
MW-17	11/12/2012	ND	25.86	NA	5588.04	5588.04
MW-17	2/22/2013	ND	26.59	NA	5587.31	5587.31
MW-17	5/18/2013	ND	26.80	NA	5587.10	5587.10
MW-17	8/20/2013	ND	27.42	NA	5586.48	5586.48
MW-17	12/02/2013	ND	27.23	NA	5586.67	5586.67
MW-17	2/21/2014	ND	27.19	NA	5586.71	5586.71
MW-17	5/20/2014	ND	27.35	NA	5586.55	5586.55
MW-17	8/21/2014	ND	27.86	NA	5586.04	5586.04
MW-17	11/17/2014	ND	27.92	NA	5585.98	5585.98
RW-19	6/14/2010	ND	27.72	NA	5585.24	5585.24
RW-19	6/18/2010	27.19	28.58	1.39	5584.38	5585.46
RW-19	7/12/2010	27.75	28.60	0.85	5584.36	5585.02
RW-19	8/09/2010	27.70	28.42	0.72	5584.54	5585.10
RW-19	8/10/2010	NA	NA	NA	NA	NA
RW-19	9/20/2010	27.26	27.91	0.65	5585.05	5585.56
RW-19	11/15/2010	ND	26.70	NA	5586.26	5586.26
RW-19	2/10/2011	NA	NA	NA	NA	NA
RW-19	5/26/2011	ND	25.86	NA	5587.10	5587.10
RW-19	8/22/2011	ND	26.35	NA	5586.61	5586.61
RW-19	11/14/2011	ND	26.26	NA	5586.70	5586.70
RW-19	2/18/2012	ND	26.11	NA	5586.85	5586.85
RW-19	6/14/2012	ND	26.61	NA	5586.35	5586.35
RW-19	9/19/2012	ND	26.42	NA	5586.54	5586.54
RW-19	11/12/2012	ND	26.54	NA	5586.42	5586.42
RW-19	2/22/2013	ND	26.84	NA	5586.12	5586.12
RW-19	5/18/2013	ND	27.03	NA	5585.93	5585.93
RW-19	8/20/2013	ND	27.67	NA	5585.29	5585.29

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
RW-19	12/02/2013	ND	27.51	NA	5585.45	5585.45
RW-19	2/21/2014	ND	27.48	NA	5585.48	5585.48
RW-19	5/20/2014	ND	27.61	NA	5585.35	5585.35
RW-19	8/21/2014	ND	28.13	NA	5584.83	5584.83
RW-19	11/17/2014	ND	28.13	NA	5584.83	5584.83
MW-23	2/18/2010	ND	24.83	NA	5587.13	5587.13
MW-23	4/26/2010	ND	24.87	NA	5587.09	5587.09
MW-23	5/24/2010	ND	24.86	NA	5587.10	5587.10
MW-23	6/14/2010	ND	25.02	NA	5586.94	5586.94
MW-23	7/12/2010	ND	25.10	NA	5586.86	5586.86
MW-23	8/09/2010	ND	25.07	NA	5586.89	5586.89
MW-23	8/10/2010	ND	25.03	NA	5586.93	5586.93
MW-23	9/20/2010	NA	NA	NA	NA	NA
MW-23	11/15/2010	NA	NA	NA	NA	NA
MW-23	2/10/2011	ND	22.84	NA	5589.12	5589.12
MW-23	5/26/2011	ND	22.74	NA	5589.22	5589.22
MW-23	8/22/2011	ND	23.19	NA	5588.77	5588.77
MW-23	11/14/2011	ND	23.13	NA	5588.83	5588.83
MW-23	2/18/2012	ND	23.05	NA	5588.91	5588.91
MW-23	6/14/2012	ND	23.44	NA	5588.52	5588.52
MW-23	9/19/2012	ND	21.88	NA	5590.08	5590.08
MW-23	11/12/2012	ND	22.88	NA	5589.08	5589.08
MW-23	2/22/2013	ND	23.78	NA	5588.18	5588.18
MW-23	5/18/2013	ND	24.03	NA	5587.93	5587.93
MW-23	8/20/2013	ND	24.67	NA	5587.29	5587.29
MW-23	12/02/2013	ND	24.44	NA	5587.52	5587.52
MW-23	2/21/2014	ND	24.41	NA	5587.55	5587.55
MW-23	5/20/2014	ND	24.59	NA	5587.37	5587.37
MW-23	8/21/2014	ND	25.09	NA	5586.87	5586.87
MW-23	11/17/2014	ND	25.17	NA	5586.79	5586.79
MW-24	3/22/2010	ND	28.13	NA	5583.40	5583.40
MW-24	4/26/2010	ND	28.16	NA	5583.37	5583.37
MW-24	5/24/2010	ND	28.14	NA	5583.39	5583.39
MW-24	6/14/2010	ND	25.69	NA	5585.84	5585.84
MW-24	7/12/2010	ND	25.72	NA	5585.81	5585.81
MW-24	8/09/2010	ND	25.73	NA	5585.80	5585.80
MW-24	8/10/2010	ND	25.84	NA	5585.69	5585.69
MW-24	9/20/2010	NA	NA	NA	NA	NA
MW-24	11/15/2010	ND	24.61	NA	5586.92	5586.92
MW-24	2/10/2011	NA	NA	NA	NA	NA

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-24	5/26/2011	ND	23.66	NA	5587.87	5587.87
MW-24	8/22/2011	ND	24.13	NA	5587.40	5587.40
MW-24	11/14/2011	ND	24.06	NA	5587.47	5587.47
MW-24	2/18/2012	ND	23.94	NA	5587.59	5587.59
MW-24	6/14/2012	ND	24.33	NA	5587.20	5587.20
MW-24	9/19/2012	ND	24.21	NA	5587.32	5587.32
MW-24	11/12/2012	ND	24.27	NA	5587.26	5587.26
MW-24	2/22/2013	ND	24.67	NA	5586.86	5586.86
MW-24	5/18/2013	ND	24.85	NA	5586.68	5586.68
MW-24	8/20/2013	ND	25.48	NA	5586.05	5586.05
MW-24	12/02/2013	ND	NA	NA	NA	NA
MW-24	2/21/2014	ND	25.26	NA	5586.27	5586.27
MW-24	5/20/2014	ND	25.41	NA	5586.12	5586.12
MW-24	8/21/2014	ND	25.93	NA	5585.60	5585.60
MW-24	11/17/2014	ND	25.94	NA	5585.59	5585.59
MW-25	6/14/2010	ND	28.26	NA	5585.18	5585.18
MW-25	6/17/2010	ND	28.28	NA	5585.16	5585.16
MW-25	7/12/2010	ND	28.35	NA	5585.09	5585.09
MW-25	8/09/2010	ND	28.29	NA	5585.15	5585.15
MW-25	8/10/2010	ND	28.49	NA	5584.95	5584.95
MW-25	9/20/2010	ND	27.77	NA	5585.67	5585.67
MW-25	11/15/2010	ND	27.16	NA	5586.28	5586.28
MW-25	2/10/2011	ND	26.43	NA	5587.01	5587.01
MW-25	5/26/2011	ND	26.33	NA	5587.11	5587.11
MW-25	8/22/2011	ND	26.80	NA	5586.64	5586.64
MW-25	11/14/2011	ND	26.70	NA	5586.74	5586.74
MW-25	2/18/2012	ND	26.59	NA	5586.85	5586.85
MW-25	6/14/2012	ND	27.00	NA	5586.44	5586.44
MW-25	9/19/2012	ND	27.04	NA	5586.40	5586.40
MW-25	11/12/2012	ND	27.07	NA	5586.37	5586.37
MW-25	2/22/2013	ND	26.28	NA	5587.16	5587.16
MW-25	5/18/2013	ND	27.48	NA	5585.96	5585.96
MW-25	8/20/2013	ND	28.09	NA	5585.35	5585.35
MW-25	12/02/2013	ND	27.91	NA	5585.53	5585.53
MW-25	2/21/2014	ND	27.89	NA	5585.55	5585.55
MW-25	5/20/2014	ND	28.04	NA	5585.40	5585.40
MW-25	8/21/2014	ND	28.37	NA	5585.07	5585.07
MW-25	11/17/2014	ND	28.57	NA	5584.87	5584.87
MW-26	3/22/2010	ND	25.66	NA	5588.61	5588.61
MW-26	4/26/2010	ND	27.87	NA	5586.40	5586.40

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-26	5/24/2010	ND	27.89	NA	5586.38	5586.38
MW-26	6/14/2010	ND	28.05	NA	5586.22	5586.22
MW-26	7/12/2010	ND	28.12	NA	5586.15	5586.15
MW-26	8/09/2010	ND	28.05	NA	5586.22	5586.22
MW-26	8/10/2010	ND	28.20	NA	5586.07	5586.07
MW-26	9/20/2010	ND	27.62	NA	5586.65	5586.65
MW-26	11/15/2010	ND	26.85	NA	5587.42	5587.42
MW-26	2/10/2011	ND	26.08	NA	5588.19	5588.19
MW-26	5/26/2011	ND	25.99	NA	5588.28	5588.28
MW-26	8/22/2011	ND	26.45	NA	5587.82	5587.82
MW-26	11/14/2011	ND	26.37	NA	5587.90	5587.90
MW-26	2/18/2012	ND	26.27	NA	5588.00	5588.00
MW-26	6/14/2012	ND	26.67	NA	5587.60	5587.60
MW-26	9/19/2012	ND	26.38	NA	5587.89	5587.89
MW-26	11/12/2012	ND	26.45	NA	5587.82	5587.82
MW-26	2/22/2013	ND	27.00	NA	5587.27	5587.27
MW-26	5/18/2013	ND	27.21	NA	5587.06	5587.06
MW-26	8/20/2013	ND	27.84	NA	5586.43	5586.43
MW-26	12/02/2013	ND	27.63	NA	5586.64	5586.64
MW-26	2/21/2014	ND	27.59	NA	5586.68	5586.68
MW-26	5/20/2014	ND	27.76	NA	5586.51	5586.51
MW-26	8/21/2014	ND	28.27	NA	5586.00	5586.00
MW-26	11/17/2014	ND	28.31	NA	5585.96	5585.96
MW-27	3/22/2010	ND	25.52	NA	5584.28	5584.28
MW-27	4/27/2010	ND	25.55	NA	5584.25	5584.25
MW-27	5/25/2010	ND	25.54	NA	5584.26	5584.26
MW-27	6/14/2010	ND	25.69	NA	5584.11	5584.11
MW-27	6/17/2010	ND	25.71	NA	5584.09	5584.09
MW-27	7/12/2010	ND	25.65	NA	5584.15	5584.15
MW-27	8/09/2010	ND	25.71	NA	5584.09	5584.09
MW-27	8/10/2010	ND	25.91	NA	5583.89	5583.89
MW-27	9/20/2010	ND	25.23	NA	5584.57	5584.57
MW-27	11/15/2010	ND	25.64	NA	5584.16	5584.16
MW-27	2/10/2011	ND	23.97	NA	5585.83	5585.83
MW-27	5/26/2011	ND	23.82	NA	5585.98	5585.98
MW-27	8/22/2011	ND	24.30	NA	5585.50	5585.50
MW-27	11/14/2011	ND	24.18	NA	5585.62	5585.62
MW-27	2/18/2012	ND	24.04	NA	5585.76	5585.76
MW-27	6/14/2012	ND	24.48	NA	5585.32	5585.32
MW-27	9/19/2012	ND	24.70	NA	5585.10	5585.10

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-27	11/12/2012	ND	24.74	NA	5585.06	5585.06
MW-27	2/22/2013	ND	24.71	NA	5585.09	5585.09
MW-27	5/18/2013	ND	24.88	NA	5584.92	5584.92
MW-27	8/20/2013	ND	25.48	NA	5584.32	5584.32
MW-27	12/02/2013	ND	25.34	NA	5584.46	5584.46
MW-27	2/21/2014	ND	25.31	NA	5584.49	5584.49
MW-27	5/20/2014	ND	25.43	NA	5584.37	5584.37
MW-27	8/21/2014	ND	25.94	NA	5583.86	5583.86
MW-27	11/17/2014	ND	25.94	NA	5583.86	5583.86
MW-28	3/22/2010	ND	25.89	NA	5584.03	5584.03
MW-28	4/27/2010	ND	25.96	NA	5583.96	5583.96
MW-28	5/25/2010	ND	25.93	NA	5583.99	5583.99
MW-28	6/14/2010	ND	26.25	NA	5583.67	5583.67
MW-28	6/17/2010	ND	26.17	NA	5583.75	5583.75
MW-28	7/12/2010	ND	26.06	NA	5583.86	5583.86
MW-28	8/09/2010	ND	26.28	NA	5583.64	5583.64
MW-28	8/10/2010	ND	26.37	NA	5583.55	5583.55
MW-28	9/20/2010	ND	25.79	NA	5584.13	5584.13
MW-28	11/15/2010	ND	25.10	NA	5584.82	5584.82
MW-28	2/10/2011	ND	24.45	NA	5585.47	5585.47
MW-28	5/26/2011	ND	24.24	NA	5585.68	5585.68
MW-28	8/22/2011	ND	24.74	NA	5585.18	5585.18
MW-28	11/14/2011	ND	24.63	NA	5585.29	5585.29
MW-28	2/18/2012	ND	24.46	NA	5585.46	5585.46
MW-28	6/14/2012	ND	24.98	NA	5584.94	5584.94
MW-28	9/19/2012	ND	25.17	NA	5584.75	5584.75
MW-28	11/12/2012	ND	26.23	NA	5583.69	5583.69
MW-28	2/22/2013	ND	25.11	NA	5584.81	5584.81
MW-28	5/18/2013	ND	25.27	NA	5584.65	5584.65
MW-28	8/20/2013	ND	25.88	NA	5584.04	5584.04
MW-28	12/02/2013	ND	25.73	NA	5584.19	5584.19
MW-28	2/21/2014	ND	25.71	NA	5584.21	5584.21
MW-28	5/20/2014	ND	25.84	NA	5584.08	5584.08
MW-28	8/21/2014	ND	26.34	NA	5583.58	5583.58
MW-28	11/17/2014	ND	26.34	NA	5583.58	5583.58
MW-29	3/22/2010	ND	26.90	NA	5583.20	5583.20
MW-29	4/26/2010	ND	26.94	NA	5583.16	5583.16
MW-29	5/25/2010	ND	26.91	NA	5583.19	5583.19
MW-29	6/14/2010	ND	27.07	NA	5583.03	5583.03
MW-29	6/17/2010	ND	27.08	NA	5583.02	5583.02

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-29	7/12/2010	ND	27.11	NA	5582.99	5582.99
MW-29	8/09/2010	ND	27.08	NA	5583.02	5583.02
MW-29	8/10/2010	ND	27.32	NA	5582.78	5582.78
MW-29	9/20/2010	ND	26.72	NA	5583.38	5583.38
MW-29	11/15/2010	ND	26.04	NA	5584.06	5584.06
MW-29	2/10/2011	ND	25.47	NA	5584.63	5584.63
MW-29	5/26/2011	ND	25.33	NA	5584.77	5584.77
MW-29	8/22/2011	ND	25.84	NA	5584.26	5584.26
MW-29	11/14/2011	ND	25.62	NA	5584.48	5584.48
MW-29	2/18/2012	ND	25.48	NA	5584.62	5584.62
MW-29	6/14/2012	ND	25.78	NA	5584.32	5584.32
MW-29	9/19/2012	ND	26.35	NA	5583.75	5583.75
MW-29	11/12/2012	ND	26.50	NA	5583.60	5583.60
MW-29	2/22/2013	ND	26.12	NA	5583.98	5583.98
MW-29	5/18/2013	ND	26.29	NA	5583.81	5583.81
MW-29	8/20/2013	ND	26.88	NA	5583.22	5583.22
MW-29	12/02/2013	ND	26.70	NA	5583.40	5583.40
MW-29	2/21/2014	ND	26.68	NA	5583.42	5583.42
MW-29	5/20/2014	ND	26.84	NA	5583.26	5583.26
MW-29	8/21/2014	ND	27.36	NA	5582.74	5582.74
MW-29	11/17/2014	ND	27.32	NA	5582.78	5582.78
MW-30	3/22/2010	ND	26.78	NA	5583.83	5583.83
MW-30	4/27/2010	ND	26.87	NA	5583.74	5583.74
MW-30	5/25/2010	ND	26.81	NA	5583.80	5583.80
MW-30	6/14/2010	ND	26.97	NA	5583.64	5583.64
MW-30	6/17/2010	ND	27.04	NA	5583.57	5583.57
MW-30	7/12/2010	ND	27.00	NA	5583.61	5583.61
MW-30	8/09/2010	ND	26.99	NA	5583.62	5583.62
MW-30	8/10/2010	ND	27.27	NA	5583.34	5583.34
MW-30	9/20/2010	ND	26.71	NA	5583.90	5583.90
MW-30	11/15/2010	ND	25.95	NA	5584.66	5584.66
MW-30	2/10/2011	ND	25.28	NA	5585.33	5585.33
MW-30	5/26/2011	ND	25.17	NA	5585.44	5585.44
MW-30	8/22/2011	ND	25.65	NA	5584.96	5584.96
MW-30	11/14/2011	ND	25.48	NA	5585.13	5585.13
MW-30	2/18/2012	ND	25.33	NA	5585.28	5585.28
MW-30	6/14/2012	ND	25.68	NA	5584.93	5584.93
MW-30	9/19/2012	ND	26.06	NA	5584.55	5584.55
MW-30	11/12/2012	ND	26.17	NA	5584.44	5584.44
MW-30	2/22/2013	ND	26.00	NA	5584.61	5584.61

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-30	5/18/2013	ND	26.17	NA	5584.44	5584.44
MW-30	8/20/2013	ND	26.76	NA	5583.85	5583.85
MW-30	12/02/2013	ND	26.60	NA	5584.01	5584.01
MW-30	2/21/2014	ND	26.57	NA	5584.04	5584.04
MW-30	5/20/2014	ND	26.72	NA	5583.89	5583.89
MW-30	8/21/2014	ND	27.21	NA	5583.40	5583.40
RW-32	6/14/2010	27.91	27.99	0.08	5585.08	5585.14
RW-32	6/18/2010	ND	27.95	NA	5585.12	5585.12
RW-32	7/12/2010	27.81	28.65	0.84	5584.42	5585.08
RW-32	8/09/2010	27.88	27.99	0.11	5585.08	5585.17
RW-32	8/10/2010	NA	NA	NA	NA	NA
RW-32	9/20/2010	27.48	27.59	0.11	5585.48	5585.57
RW-32	11/15/2010	ND	26.80	NA	5586.27	5586.27
RW-32	2/10/2011	NA	NA	NA	NA	NA
RW-32	5/26/2011	NA	NA	NA	NA	NA
RW-32	8/22/2011	ND	26.44	NA	5586.63	5586.63
RW-32	11/14/2011	ND	26.33	NA	5586.74	5586.74
RW-32	2/18/2012	ND	26.21	NA	5586.86	5586.86
RW-32	6/14/2012	ND	26.71	NA	5586.36	5586.36
RW-32	9/19/2012	ND	26.55	NA	5586.52	5586.52
RW-32	11/12/2012	ND	26.65	NA	5586.42	5586.42
RW-32	2/22/2013	ND	26.93	NA	5586.14	5586.14
RW-32	5/18/2013	ND	27.12	NA	5585.95	5585.95
RW-32	8/20/2013	ND	27.76	NA	5585.31	5585.31
RW-32	12/02/2013	ND	27.58	NA	5585.49	5585.49
RW-32	2/21/2014	ND	27.55	NA	5585.52	5585.52
RW-32	5/20/2014	ND	27.70	NA	5585.37	5585.37
RW-32	8/21/2014	ND	28.20	NA	5584.87	5584.87
RW-32	11/17/2014	ND	28.22	NA	5584.85	5584.85
RW-33	6/14/2010	ND	27.50	NA	5585.03	5585.03
RW-33	6/17/2010	ND	27.61	NA	5584.92	5584.92
RW-33	7/12/2010	ND	27.57	NA	5584.96	5584.96
RW-33	8/09/2010	ND	27.53	NA	5585.00	5585.00
RW-33	8/10/2010	ND	27.76	NA	5584.77	5584.77
RW-33	9/20/2010	ND	27.06	NA	5585.47	5585.47
RW-33	11/15/2010	ND	26.40	NA	5586.13	5586.13
RW-33	2/10/2011	ND	25.62	NA	5586.91	5586.91
RW-33	5/26/2011	ND	25.52	NA	5587.01	5587.01
RW-33	8/22/2011	ND	26.02	NA	5586.51	5586.51
RW-33	11/14/2011	ND	25.91	NA	5586.62	5586.62

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
RW-33	2/18/2012	ND	25.78	NA	5586.75	5586.75
RW-33	6/14/2012	ND	26.29	NA	5586.24	5586.24
RW-33	9/19/2012	ND	26.09	NA	5586.44	5586.44
RW-33	11/12/2012	ND	26.20	NA	5586.33	5586.33
RW-33	2/22/2013	ND	26.50	NA	5586.03	5586.03
RW-33	5/18/2013	ND	26.70	NA	5585.83	5585.83
RW-33	8/20/2013	ND	27.33	NA	5585.20	5585.20
RW-33	12/02/2013	ND	27.18	NA	5585.35	5585.35
RW-33	2/21/2014	ND	27.13	NA	5585.40	5585.40
RW-33	5/20/2014	ND	27.28	NA	5585.25	5585.25
RW-33	8/21/2014	ND	27.79	NA	5584.74	5584.74
RW-33	11/17/2014	ND	27.81	NA	5584.72	5584.72
MW-34	4/26/2010	ND	26.84	NA	5582.50	5582.50
MW-34	5/24/2010	ND	26.86	NA	5582.48	5582.48
MW-34	6/14/2010	ND	27.06	NA	5582.28	5582.28
MW-34	7/12/2010	ND	27.06	NA	5582.28	5582.28
MW-34	8/09/2010	ND	27.07	NA	5582.27	5582.27
MW-34	8/10/2010	ND	27.27	NA	5582.07	5582.07
MW-34	9/20/2010	ND	26.76	NA	5582.58	5582.58
MW-34	11/15/2010	ND	26.06	NA	5583.28	5583.28
MW-34	2/10/2011	ND	25.48	NA	5583.86	5583.86
MW-34	5/26/2011	ND	25.34	NA	5584.00	5584.00
MW-34	8/22/2011	ND	25.82	NA	5583.52	5583.52
MW-34	11/14/2011	ND	25.61	NA	5583.73	5583.73
MW-34	2/18/2012	ND	25.46	NA	5583.88	5583.88
MW-34	6/14/2012	ND	25.91	NA	5583.43	5583.43
MW-34	9/19/2012	ND	26.53	NA	5582.81	5582.81
MW-34	11/12/2012	ND	26.80	NA	5582.54	5582.54
MW-34	2/22/2013	ND	26.12	NA	5583.22	5583.22
MW-34	5/18/2013	ND	26.27	NA	5583.07	5583.07
MW-34	8/20/2013	ND	26.87	NA	5582.47	5582.47
MW-34	12/02/2013	ND	26.69	NA	5582.65	5582.65
MW-34	2/21/2014	ND	26.69	NA	5582.65	5582.65
MW-34	5/20/2014	ND	26.83	NA	5582.51	5582.51
MW-34	8/21/2014	ND	27.36	NA	5581.98	5581.98
MW-34	11/17/2014	ND	27.29	NA	5582.05	5582.05
MW-35	4/26/2010	ND	25.61	NA	5586.32	5586.32
MW-35	5/24/2010	ND	25.59	NA	5586.34	5586.34
MW-35	6/14/2010	ND	25.77	NA	5586.16	5586.16
MW-35	6/17/2010	ND	25.75	NA	5586.18	5586.18

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-35	7/12/2010	ND	25.83	NA	5586.10	5586.10
MW-35	8/09/2010	ND	25.78	NA	5586.15	5586.15
MW-35	8/10/2010	ND	25.92	NA	5586.01	5586.01
MW-35	9/20/2010	ND	25.31	NA	5586.62	5586.62
MW-35	11/15/2010	ND	24.58	NA	5587.35	5587.35
MW-35	2/10/2011	ND	23.83	NA	5588.10	5588.10
MW-35	5/26/2011	ND	23.73	NA	5588.20	5588.20
MW-35	8/22/2011	ND	24.18	NA	5587.75	5587.75
MW-35	11/14/2011	ND	24.09	NA	5587.84	5587.84
MW-35	2/18/2012	ND	24.00	NA	5587.93	5587.93
MW-35	6/14/2012	ND	24.40	NA	5587.53	5587.53
MW-35	9/19/2012	ND	24.01	NA	5587.92	5587.92
MW-35	11/12/2012	ND	29.20	NA	5582.73	5582.73
MW-35	2/22/2013	ND	24.75	NA	5587.18	5587.18
MW-35	5/18/2013	ND	24.91	NA	5587.02	5587.02
MW-35	8/20/2013	ND	25.59	NA	5586.34	5586.34
MW-35	12/02/2013	ND	25.43	NA	5586.50	5586.50
MW-35	2/21/2014	ND	25.33	NA	5586.60	5586.60
MW-35	5/20/2014	ND	25.48	NA	5586.45	5586.45
MW-35	8/21/2014	ND	25.98	NA	5585.95	5585.95
MW-35	11/17/2014	ND	26.02	NA	5585.91	5585.91
MW-36	6/14/2010	ND	29.21	NA	5583.32	5583.32
MW-36	7/12/2010	ND	29.27	NA	5583.26	5583.26
MW-36	8/09/2010	ND	29.24	NA	5583.29	5583.29
MW-36	8/10/2010	ND	29.35	NA	5583.18	5583.18
MW-36	9/20/2010	ND	28.83	NA	5583.70	5583.70
MW-36	11/15/2010	ND	28.02	NA	5584.51	5584.51
MW-36	2/10/2011	ND	27.29	NA	5585.24	5585.24
MW-36	5/26/2011	ND	27.19	NA	5585.34	5585.34
MW-36	8/22/2011	ND	27.67	NA	5584.86	5584.86
MW-36	11/14/2011	ND	27.56	NA	5584.97	5584.97
MW-36	2/18/2012	ND	27.46	NA	5585.07	5585.07
MW-36	6/14/2012	ND	27.85	NA	5584.68	5584.68
MW-36	9/19/2012	ND	27.88	NA	5584.65	5584.65
MW-36	11/12/2012	ND	27.86	NA	5584.67	5584.67
MW-36	2/22/2013	ND	28.16	NA	5584.37	5584.37
MW-36	5/18/2013	ND	28.38	NA	5584.15	5584.15
MW-36	8/20/2013	ND	29.00	NA	5583.53	5583.53
MW-36	12/02/2013	ND	28.79	NA	5583.74	5583.74
MW-36	2/21/2014	ND	28.76	NA	5583.77	5583.77

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-36	5/20/2014	ND	28.92	NA	5583.61	5583.61
MW-36	8/21/2014	ND	29.46	NA	5583.07	5583.07
MW-36	11/17/2014	ND	29.27	NA	5583.26	5583.26
MW-38	5/27/2010	ND	20.31	NA	5580.68	5580.68
MW-38	6/14/2010	ND	20.51	NA	5580.48	5580.48
MW-38	7/12/2010	ND	19.72	NA	5581.27	5581.27
MW-38	8/09/2010	ND	20.52	NA	5580.47	5580.47
MW-38	8/10/2010	ND	20.95	NA	5580.04	5580.04
MW-38	9/20/2010	ND	20.48	NA	5580.51	5580.51
MW-38	11/15/2010	ND	19.85	NA	5581.14	5581.14
MW-38	2/10/2011	ND	19.34	NA	5581.65	5581.65
MW-38	5/26/2011	ND	19.08	NA	5581.91	5581.91
MW-38	8/22/2011	ND	19.70	NA	5581.29	5581.29
MW-38	11/14/2011	ND	19.41	NA	5581.58	5581.58
MW-38	2/18/2012	ND	19.28	NA	5581.71	5581.71
MW-38	6/14/2012	ND	19.60	NA	5581.39	5581.39
MW-38	9/19/2012	ND	20.82	NA	5580.17	5580.17
MW-38	11/12/2012	ND	20.45	NA	5580.54	5580.54
MW-38	2/22/2013	ND	19.82	NA	5581.17	5581.17
MW-38	5/18/2013	ND	19.87	NA	5581.12	5581.12
MW-38	8/20/2013	ND	20.44	NA	5580.55	5580.55
MW-38	12/02/2013	ND	20.27	NA	5580.72	5580.72
MW-38	2/21/2014	ND	20.28	NA	5580.71	5580.71
MW-38	5/20/2014	ND	20.36	NA	5580.63	5580.63
MW-38	8/21/2014	ND	20.87	NA	5580.12	5580.12
MW-38	11/17/2014	ND	20.74	NA	5580.25	5580.25
MW-39	5/27/2010	ND	19.60	NA	5580.40	5580.40
MW-39	6/14/2010	ND	19.79	NA	5580.21	5580.21
MW-39	7/12/2010	ND	19.80	NA	5580.20	5580.20
MW-39	8/09/2010	ND	19.81	NA	5580.19	5580.19
MW-39	8/10/2010	ND	20.01	NA	5579.99	5579.99
MW-39	9/20/2010	ND	19.51	NA	5580.49	5580.49
MW-39	11/15/2010	ND	18.91	NA	5581.09	5581.09
MW-39	2/10/2011	ND	18.52	NA	5581.48	5581.48
MW-39	5/26/2011	ND	18.34	NA	5581.66	5581.66
MW-39	8/22/2011	ND	18.91	NA	5581.09	5581.09
MW-39	11/14/2011	ND	18.61	NA	5581.39	5581.39
MW-39	2/18/2012	ND	18.50	NA	5581.50	5581.50
MW-39	6/14/2012	ND	18.87	NA	5581.13	5581.13
MW-39	9/19/2012	ND	19.79	NA	5580.21	5580.21

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-39	11/12/2012	ND	19.57	NA	5580.43	5580.43
MW-39	2/22/2013	ND	19.10	NA	5580.90	5580.90
MW-39	5/18/2013	ND	19.16	NA	5580.84	5580.84
MW-39	8/20/2013	ND	19.67	NA	5580.33	5580.33
MW-39	12/02/2013	ND	19.51	NA	5580.49	5580.49
MW-39	2/21/2014	ND	19.47	NA	5580.53	5580.53
MW-39	5/20/2014	ND	19.63	NA	5580.37	5580.37
MW-39	8/21/2014	ND	20.18	NA	5579.82	5579.82
MW-39	11/17/2014	ND	20.07	NA	5579.93	5579.93
MW-40	6/14/2010	ND	20.17	NA	5580.18	5580.18
MW-40	7/12/2010	ND	20.06	NA	5580.29	5580.29
MW-40	8/09/2010	ND	20.19	NA	5580.16	5580.16
MW-40	8/10/2010	ND	20.46	NA	5579.89	5579.89
MW-40	9/20/2010	ND	19.93	NA	5580.42	5580.42
MW-40	11/15/2010	ND	19.32	NA	5581.03	5581.03
MW-40	2/10/2011	ND	18.90	NA	5581.45	5581.45
MW-40	5/26/2011	ND	18.74	NA	5581.61	5581.61
MW-40	8/22/2011	ND	19.32	NA	5581.03	5581.03
MW-40	11/14/2011	ND	19.01	NA	5581.34	5581.34
MW-40	2/18/2012	ND	18.88	NA	5581.47	5581.47
MW-40	6/14/2012	ND	19.25	NA	5581.10	5581.10
MW-40	9/19/2012	ND	20.53	NA	5579.82	5579.82
MW-40	11/12/2012	ND	20.01	NA	5580.34	5580.34
MW-40	2/22/2013	ND	19.47	NA	5580.88	5580.88
MW-40	5/18/2013	ND	19.55	NA	5580.80	5580.80
MW-40	8/20/2013	ND	20.08	NA	5580.27	5580.27
MW-40	12/02/2013	ND	19.91	NA	5580.44	5580.44
MW-40	2/21/2014	ND	19.89	NA	5580.46	5580.46
MW-40	5/20/2014	ND	20.02	NA	5580.33	5580.33
MW-40	8/21/2014	ND	20.55	NA	5579.80	5579.80
MW-40	11/17/2014	ND	20.33	NA	5580.02	5580.02
MW-41	6/14/2010	ND	24.55	NA	5580.41	5580.41
MW-41	7/12/2010	ND	24.06	NA	5580.90	5580.90
MW-41	8/09/2010	ND	24.59	NA	5580.37	5580.37
MW-41	8/10/2010	ND	25.11	NA	5579.85	5579.85
MW-41	9/20/2010	ND	25.77	NA	5579.19	5579.19
MW-41	11/15/2010	ND	23.71	NA	5581.25	5581.25
MW-41	2/10/2011	ND	23.35	NA	5581.61	5581.61
MW-41	5/26/2011	ND	23.13	NA	5581.83	5581.83
MW-41	8/22/2011	ND	23.55	NA	5581.41	5581.41

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-41	11/14/2011	ND	21.90	NA	5583.06	5583.06
MW-41	2/18/2012	ND	23.40	NA	5581.56	5581.56
MW-41	6/14/2012	ND	23.65	NA	5581.31	5581.31
MW-41	9/19/2012	ND	24.97	NA	5579.99	5579.99
MW-41	11/12/2012	ND	24.53	NA	5580.43	5580.43
MW-41	2/22/2013	ND	23.89	NA	5581.07	5581.07
MW-41	5/18/2013	ND	23.91	NA	5581.05	5581.05
MW-41	8/20/2013	ND	24.50	NA	5580.46	5580.46
MW-41	12/02/2013	ND	24.33	NA	5580.63	5580.63
MW-41	2/21/2014	ND	24.31	NA	5580.65	5580.65
MW-41	5/20/2014	ND	24.40	NA	5580.56	5580.56
MW-41	8/21/2014	ND	24.89	NA	5580.07	5580.07
MW-41	11/17/2014	ND	24.79	NA	5580.17	5580.17
MW-42	7/12/2010	ND	27.76	NA	5581.78	5581.78
MW-42	8/09/2010	ND	27.71	NA	5581.83	5581.83
MW-42	8/10/2010	ND	28.18	NA	5581.36	5581.36
MW-42	9/20/2010	ND	27.61	NA	5581.93	5581.93
MW-42	11/15/2010	ND	26.95	NA	5582.59	5582.59
MW-42	2/10/2011	ND	26.41	NA	5583.13	5583.13
MW-42	5/26/2011	ND	26.28	NA	5583.26	5583.26
MW-42	8/22/2011	ND	26.79	NA	5582.75	5582.75
MW-42	11/14/2011	ND	26.52	NA	5583.02	5583.02
MW-42	2/18/2012	ND	26.39	NA	5583.15	5583.15
MW-42	6/14/2012	ND	26.83	NA	5582.71	5582.71
MW-42	9/19/2012	ND	27.62	NA	5581.92	5581.92
MW-42	11/12/2012	ND	28.25	NA	5581.29	5581.29
MW-42	2/22/2013	ND	27.05	NA	5582.49	5582.49
MW-42	5/18/2013	ND	27.17	NA	5582.37	5582.37
MW-42	8/20/2013	ND	27.75	NA	5581.79	5581.79
MW-42	12/02/2013	ND	27.56	NA	5581.98	5581.98
MW-42	2/21/2014	ND	27.59	NA	5581.95	5581.95
MW-42	5/20/2014	ND	27.70	NA	5581.84	5581.84
MW-42	8/21/2014	ND	28.20	NA	5581.34	5581.34
MW-42	11/17/2014	ND	28.14	NA	5581.40	5581.40
MW-43	7/12/2010	ND	27.51	NA	5581.84	5581.84
MW-43	8/09/2010	ND	27.48	NA	5581.87	5581.87
MW-43	8/10/2010	ND	27.83	NA	5581.52	5581.52
MW-43	9/20/2010	ND	27.30	NA	5582.05	5582.05
MW-43	11/15/2010	ND	26.65	NA	5582.70	5582.70
MW-43	2/10/2011	ND	26.09	NA	5583.26	5583.26

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-43	5/26/2011	ND	25.95	NA	5583.40	5583.40
MW-43	8/22/2011	ND	26.48	NA	5582.87	5582.87
MW-43	11/14/2011	ND	26.21	NA	5583.14	5583.14
MW-43	2/18/2012	ND	26.06	NA	5583.29	5583.29
MW-43	6/14/2012	ND	26.49	NA	5582.86	5582.86
MW-43	9/19/2012	ND	27.25	NA	5582.10	5582.10
MW-43	11/12/2012	ND	27.49	NA	5581.86	5581.86
MW-43	2/22/2013	ND	26.72	NA	5582.63	5582.63
MW-43	5/18/2013	ND	26.85	NA	5582.50	5582.50
MW-43	8/20/2013	ND	27.42	NA	5581.93	5581.93
MW-43	12/02/2013	ND	27.23	NA	5582.12	5582.12
MW-43	2/21/2014	ND	27.26	NA	5582.09	5582.09
MW-43	5/20/2014	ND	27.38	NA	5581.97	5581.97
MW-43	8/21/2014	ND	27.89	NA	5581.46	5581.46
MW-43	11/17/2014	ND	27.83	NA	5581.52	5581.52
MW-44	7/12/2010	ND	21.23	NA	5581.51	5581.51
MW-44	8/09/2010	ND	21.19	NA	5581.55	5581.55
MW-44	8/10/2010	ND	22.07	NA	5580.67	5580.67
MW-44	9/20/2010	ND	21.38	NA	5581.36	5581.36
MW-44	11/15/2010	ND	20.80	NA	5581.94	5581.94
MW-44	2/10/2011	ND	20.51	NA	5582.23	5582.23
MW-44	5/26/2011	ND	20.14	NA	5582.60	5582.60
MW-44	8/22/2011	ND	20.71	NA	5582.03	5582.03
MW-44	11/14/2011	ND	20.40	NA	5582.34	5582.34
MW-44	2/18/2012	ND	20.30	NA	5582.44	5582.44
MW-44	6/14/2012	ND	26.69	NA	5576.05	5576.05
MW-44	9/19/2012	ND	21.67	NA	5581.07	5581.07
MW-44	11/12/2012	ND	21.73	NA	5581.01	5581.01
MW-44	2/22/2013	ND	20.91	NA	5581.83	5581.83
MW-44	5/18/2013	ND	21.01	NA	5581.73	5581.73
MW-44	8/20/2013	ND	21.59	NA	5581.15	5581.15
MW-44	12/02/2013	ND	21.40	NA	5581.34	5581.34
MW-44	2/21/2014	ND	21.36	NA	5581.38	5581.38
MW-44	5/20/2014	ND	21.53	NA	5581.21	5581.21
MW-44	8/21/2014	ND	22.05	NA	5580.69	5580.69
MW-44	11/17/2014	ND	21.94	NA	5580.80	5580.80
MW-45	7/12/2010	ND	27.37	NA	5582.03	5582.03
MW-45	8/09/2010	ND	27.32	NA	5582.08	5582.08
MW-45	8/10/2010	ND	27.57	NA	5581.83	5581.83
MW-45	9/20/2010	ND	27.07	NA	5582.33	5582.33

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-45	11/15/2010	ND	26.40	NA	5583.00	5583.00
MW-45	2/10/2011	ND	25.84	NA	5583.56	5583.56
MW-45	5/26/2011	ND	25.69	NA	5583.71	5583.71
MW-45	8/22/2011	ND	26.22	NA	5583.18	5583.18
MW-45	11/14/2011	ND	25.93	NA	5583.47	5583.47
MW-45	2/18/2012	ND	25.79	NA	5583.61	5583.61
MW-45	6/14/2012	ND	26.26	NA	5583.14	5583.14
MW-45	9/19/2012	ND	26.92	NA	5582.48	5582.48
MW-45	11/12/2012	ND	27.29	NA	5582.11	5582.11
MW-45	2/22/2013	ND	26.46	NA	5582.94	5582.94
MW-45	5/18/2013	ND	26.60	NA	5582.80	5582.80
MW-45	8/20/2013	ND	27.18	NA	5582.22	5582.22
MW-45	12/02/2013	ND	26.98	NA	5582.42	5582.42
MW-45	2/21/2014	ND	27.00	NA	5582.40	5582.40
MW-45	5/20/2014	ND	27.13	NA	5582.27	5582.27
MW-45	8/21/2014	ND	27.63	NA	5581.77	5581.77
MW-45	11/17/2014	ND	27.57	NA	5581.83	5581.83
MW-46	9/20/2010	ND	20.16	NA	5580.46	5580.46
MW-46	11/15/2010	ND	20.20	NA	5580.42	5580.42
MW-46	2/10/2011	ND	19.80	NA	5580.82	5580.82
MW-46	5/26/2011	ND	19.62	NA	5581.00	5581.00
MW-46	8/22/2011	ND	20.23	NA	5580.39	5580.39
MW-46	11/14/2011	ND	19.87	NA	5580.75	5580.75
MW-46	2/18/2012	ND	19.75	NA	5580.87	5580.87
MW-46	6/14/2012	ND	20.12	NA	5580.50	5580.50
MW-46	9/19/2012	ND	21.28	NA	5579.34	5579.34
MW-46	11/12/2012	ND	20.90	NA	5579.72	5579.72
MW-46	2/22/2013	ND	20.36	NA	5580.26	5580.26
MW-46	5/18/2013	ND	20.41	NA	5580.21	5580.21
MW-46	8/20/2013	ND	20.92	NA	5579.70	5579.70
MW-46	12/02/2013	ND	20.75	NA	5579.87	5579.87
MW-46	2/21/2014	ND	20.71	NA	5579.91	5579.91
MW-46	5/20/2014	ND	NA	NA	NA	NA
MW-46	8/21/2014	ND	NA	NA	NA	NA
MW-46	11/17/2014	ND	NA	NA	NA	NA
MW-47	9/20/2010	ND	23.00	NA	5581.40	5581.40
MW-47	11/15/2010	ND	22.42	NA	5581.98	5581.98
MW-47	2/10/2011	ND	21.94	NA	5582.46	5582.46
MW-47	5/26/2011	ND	21.76	NA	5582.64	5582.64
MW-47	8/22/2011	ND	22.33	NA	5582.07	5582.07

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-47	11/14/2011	ND	22.05	NA	5582.35	5582.35
MW-47	2/18/2012	ND	21.91	NA	5582.49	5582.49
MW-47	6/14/2012	ND	22.29	NA	5582.11	5582.11
MW-47	9/19/2012	ND	23.23	NA	5581.17	5581.17
MW-47	11/12/2012	ND	23.15	NA	5581.25	5581.25
MW-47	2/22/2013	ND	22.51	NA	5581.89	5581.89
MW-47	5/18/2013	ND	22.62	NA	5581.78	5581.78
MW-47	8/20/2013	ND	23.18	NA	5581.22	5581.22
MW-47	12/02/2013	ND	22.99	NA	5581.41	5581.41
MW-47	2/21/2014	ND	22.95	NA	5581.45	5581.45
MW-47	5/20/2014	ND	23.12	NA	5581.28	5581.28
MW-47	8/21/2014	ND	23.63	NA	5580.77	5580.77
MW-47	11/17/2014	ND	23.55	NA	5580.85	5580.85
MW-48	9/20/2010	ND	14.97	NA	5579.30	5579.30
MW-48	11/15/2010	ND	14.35	NA	5579.92	5579.92
MW-48	2/10/2011	ND	14.03	NA	5580.24	5580.24
MW-48	5/26/2011	ND	13.82	NA	5580.45	5580.45
MW-48	8/22/2011	ND	14.46	NA	5579.81	5579.81
MW-48	11/14/2011	ND	14.12	NA	5580.15	5580.15
MW-48	2/18/2012	ND	14.02	NA	5580.25	5580.25
MW-48	6/14/2012	ND	14.37	NA	5579.90	5579.90
MW-48	9/19/2012	ND	15.34	NA	5578.93	5578.93
MW-48	11/12/2012	ND	15.09	NA	5579.18	5579.18
MW-48	2/22/2013	ND	14.61	NA	5579.66	5579.66
MW-48	5/18/2013	ND	14.64	NA	5579.63	5579.63
MW-48	8/20/2013	ND	15.13	NA	5579.14	5579.14
MW-48	12/02/2013	ND	14.98	NA	5579.29	5579.29
MW-48	2/21/2014	ND	14.94	NA	5579.33	5579.33
MW-48	5/20/2014	ND	NA	NA	NA	NA
MW-48	8/21/2014	ND	NA	NA	NA	NA
MW-48	11/17/2014	ND	NA	NA	NA	NA
MW-51	9/20/2010	ND	13.79	NA	5579.07	5579.07
MW-51	11/15/2010	ND	13.21	NA	5579.65	5579.65
MW-51	2/10/2011	ND	12.90	NA	5579.96	5579.96
MW-51	5/26/2011	ND	12.72	NA	5580.14	5580.14
MW-51	8/22/2011	ND	13.34	NA	5579.52	5579.52
MW-51	11/14/2011	ND	12.99	NA	5579.87	5579.87
MW-51	2/18/2012	ND	12.92	NA	5579.94	5579.94
MW-51	6/14/2012	ND	13.26	NA	5579.60	5579.60
MW-51	9/19/2012	ND	14.16	NA	5578.70	5578.70

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-51	11/12/2012	ND	13.95	NA	5578.91	5578.91
MW-51	2/22/2013	ND	13.50	NA	5579.36	5579.36
MW-51	5/18/2013	ND	13.51	NA	5579.35	5579.35
MW-51	8/20/2013	ND	14.00	NA	5578.86	5578.86
MW-51	12/02/2013	ND	13.84	NA	5579.02	5579.02
MW-51	2/21/2014	ND	13.80	NA	5579.06	5579.06
MW-51	5/20/2014	ND	NA	NA	NA	NA
MW-51	8/21/2014	ND	NA	NA	NA	NA
MW-51	11/17/2014	ND	NA	NA	NA	NA
RW-49	9/20/2010	ND	26.07	NA	5547.96	5547.96
RW-49	11/15/2010	ND	25.44	NA	5548.59	5548.59
RW-49	2/10/2011	ND	23.57	NA	5550.46	5550.46
RW-49	5/26/2011	NA	NA	NA	NA	NA
RW-49	11/14/2011	NA	NA	NA	NA	NA
RW-49	2/18/2012	NA	NA	NA	NA	NA
RW-49	6/14/2012	NA	NA	NA	NA	NA
RW-49	9/19/2012	ND	NA	NA	NA	NA
RW-49	11/12/2012	ND	-3.80	NA	5577.83	5577.83
RW-49	5/18/2013	ND	NA	NA	NA	NA
RW-49	8/20/2013	ND	NA	NA	NA	NA
RW-49	12/02/2013	ND	NA	NA	NA	NA
RW-49	2/21/2014	ND	NA	NA	NA	NA
RW-49	5/20/2014	ND	NA	NA	NA	NA
RW-49	8/21/2014	ND	NA	NA	NA	NA
RW-49	11/17/2014	ND	NA	NA	NA	NA
RW-50	9/20/2010	NA	NA	NA	NA	NA
RW-50	11/15/2010	ND	16.48	NA	5554.36	5554.36
RW-50	2/10/2011	NA	NA	NA	NA	NA
RW-50	5/26/2011	NA	NA	NA	NA	NA
RW-50	11/14/2011	NA	NA	NA	NA	NA
RW-50	2/18/2012	NA	NA	NA	NA	NA
RW-50	6/14/2012	NA	NA	NA	NA	NA
RW-50	9/19/2012	ND	NA	NA	NA	NA
RW-50	2/22/2013	ND	NA	NA	NA	NA
RW-50	5/18/2013	ND	NA	NA	NA	NA
RW-50	8/20/2013	ND	NA	NA	NA	NA
RW-50	12/02/2013	ND	NA	NA	NA	NA
RW-50	2/21/2014	ND	NA	NA	NA	NA
RW-50	5/20/2014	ND	NA	NA	NA	NA
RW-50	8/21/2014	ND	NA	NA	NA	NA

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
RW-50	11/17/2014	ND	NA	NA	NA	NA
RW-52	11/15/2010	ND	23.25	NA	5545.79	5545.79
RW-52	2/10/2011	NA	NA	NA	NA	NA
RW-52	5/26/2011	NA	NA	NA	NA	NA
RW-52	11/14/2011	NA	NA	NA	NA	NA
RW-52	2/18/2012	NA	NA	NA	NA	NA
RW-52	6/14/2012	NA	NA	NA	NA	NA
RW-52	9/19/2012	ND	NA	NA	NA	NA
RW-52	2/22/2013	ND	NA	NA	NA	NA
RW-52	5/18/2013	ND	NA	NA	NA	NA
RW-52	8/20/2013	ND	NA	NA	NA	NA
RW-52	12/02/2013	ND	NA	NA	NA	NA
RW-52	2/21/2014	ND	NA	NA	NA	NA
RW-52	5/20/2014	ND	NA	NA	NA	NA
RW-52	8/21/2014	ND	NA	NA	NA	NA
RW-52	11/17/2014	ND	NA	NA	NA	NA
RW-53	11/15/2010	ND	24.52	NA	5548.52	5548.52
RW-53	2/10/2011	ND	21.93	NA	5551.11	5551.11
RW-53	5/26/2011	NA	NA	NA	NA	NA
RW-53	11/14/2011	NA	NA	NA	NA	NA
RW-53	2/18/2012	NA	NA	NA	NA	NA
RW-53	6/14/2012	NA	NA	NA	NA	NA
RW-53	9/19/2012	ND	NA	NA	NA	NA
RW-53	2/22/2013	ND	NA	NA	NA	NA
RW-53	5/18/2013	ND	NA	NA	NA	NA
RW-53	8/20/2013	ND	NA	NA	NA	NA
RW-53	12/02/2013	ND	NA	NA	NA	NA
RW-53	2/21/2014	ND	NA	NA	NA	NA
RW-53	5/20/2014	ND	NA	NA	NA	NA
RW-53	8/21/2014	ND	NA	NA	NA	NA
RW-53	11/17/2014	ND	NA	NA	NA	NA
RW-54	11/15/2010	ND	19.06	NA	5554.58	5554.58
RW-54	2/10/2011	NA	NA	NA	NA	NA
RW-54	5/26/2011	NA	NA	NA	NA	NA
RW-54	11/14/2011	NA	NA	NA	NA	NA
RW-54	2/18/2012	NA	NA	NA	NA	NA
RW-54	6/14/2012	NA	NA	NA	NA	NA
RW-54	9/19/2012	ND	NA	NA	NA	NA
RW-54	2/22/2013	NA	NA	NA	NA	NA
RW-54	5/18/2013	ND	NA	NA	NA	NA

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
RW-54	8/20/2013	ND	NA	NA	NA	NA
RW-54	12/02/2013	ND	NA	NA	NA	NA
RW-54	2/21/2014	ND	NA	NA	NA	NA
RW-54	5/20/2014	ND	NA	NA	NA	NA
RW-54	8/21/2014	ND	NA	NA	NA	NA
RW-54	11/17/2014	ND	NA	NA	NA	NA
MW-55	2/10/2011	ND	14.48	NA	5577.36	5577.36
MW-55	5/26/2011	ND	14.17	NA	5577.67	5577.67
MW-55	8/22/2011	ND	14.75	NA	5577.09	5577.09
MW-55	11/14/2011	ND	14.35	NA	5577.49	5577.49
MW-55	2/18/2012	ND	14.38	NA	5577.46	5577.46
MW-55	6/14/2012	ND	14.68	NA	5577.16	5577.16
MW-55	9/19/2012	ND	15.25	NA	5576.59	5576.59
MW-55	11/12/2012	ND	15.34	NA	5576.50	5576.50
MW-55	2/22/2013	ND	15.05	NA	5576.79	5576.79
MW-55	5/18/2013	ND	14.97	NA	5576.87	5576.87
MW-55	8/20/2013	ND	15.30	NA	5576.54	5576.54
MW-55	12/02/2013	ND	15.17	NA	5576.67	5576.67
MW-55	2/21/2014	ND	15.10	NA	5576.74	5576.74
MW-55	5/20/2014	ND	NA	NA	NA	NA
MW-55	8/21/2014	ND	NA	NA	NA	NA
MW-55	11/17/2014	ND	NA	NA	NA	NA
MW-56	2/10/2011	ND	21.54	NA	5582.02	5582.02
MW-56	5/26/2011	ND	21.35	NA	5582.21	5582.21
MW-56	8/22/2011	ND	21.98	NA	5581.58	5581.58
MW-56	11/14/2011	ND	21.61	NA	5581.95	5581.95
MW-56	2/18/2012	ND	21.48	NA	5582.08	5582.08
MW-56	6/14/2012	ND	21.86	NA	5581.70	5581.70
MW-56	9/19/2012	ND	23.10	NA	5580.46	5580.46
MW-56	11/12/2012	ND	22.65	NA	5580.91	5580.91
MW-56	2/22/2013	ND	22.10	NA	5581.46	5581.46
MW-56	5/18/2013	ND	22.15	NA	5581.41	5581.41
MW-56	8/20/2013	ND	22.67	NA	5580.89	5580.89
MW-56	12/02/2013	ND	22.49	NA	5581.07	5581.07
MW-56	2/21/2014	ND	22.45	NA	5581.11	5581.11
MW-56	5/20/2014	ND	NA	NA	NA	NA
MW-56	8/21/2014	ND	NA	NA	NA	NA
MW-56	11/17/2014	ND	NA	NA	NA	NA
MW-58	5/26/2011	ND	14.98	NA	5578.39	5578.39
MW-58	8/22/2011	ND	15.55	NA	5577.82	5577.82

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-58	11/14/2011	NA	NA	NA	NA	NA
MW-58	2/18/2012	ND	15.20	NA	5578.17	5578.17
MW-58	6/14/2012	ND	15.48	NA	5577.89	5577.89
MW-58	9/19/2012	ND	16.14	NA	5577.23	5577.23
MW-58	11/12/2012	ND	16.13	NA	5577.24	5577.24
MW-58	2/22/2013	ND	15.81	NA	5577.56	5577.56
MW-58	5/18/2013	ND	15.75	NA	5577.62	5577.62
MW-58	8/20/2013	ND	16.13	NA	5577.24	5577.24
MW-58	12/02/2013	ND	16.01	NA	5577.36	5577.36
MW-58	2/21/2014	ND	15.96	NA	5577.41	5577.41
MW-58	5/20/2014	ND	NA	NA	NA	NA
MW-58	8/21/2014	ND	NA	NA	NA	NA
MW-58	11/17/2014	ND	NA	NA	NA	NA
MW-59	5/26/2011	ND	16.88	NA	5566.51	5566.51
MW-59	8/22/2011	ND	16.75	NA	5566.64	5566.64
MW-59	11/14/2011	ND	16.91	NA	5566.48	5566.48
MW-59	2/18/2012	ND	17.76	NA	5565.63	5565.63
MW-59	6/14/2012	ND	16.98	NA	5566.41	5566.41
MW-59	9/19/2012	ND	17.07	NA	5566.32	5566.32
MW-59	11/12/2012	ND	17.50	NA	5565.89	5565.89
MW-59	2/22/2013	ND	18.18	NA	5565.21	5565.21
MW-59	5/18/2013	ND	17.58	NA	5565.81	5565.81
MW-59	8/20/2013	ND	17.88	NA	5565.51	5565.51
MW-59	12/02/2013	ND	NA	NA	NA	NA
MW-59	2/21/2014	ND	NA	NA	NA	NA
MW-59	5/20/2014	ND	NA	NA	NA	NA
MW-59	8/21/2014	ND	NA	NA	NA	NA
MW-59	11/17/2014	ND	NA	NA	NA	NA
MW-60	8/22/2011	ND	15.37	NA	5584.23	5584.23
MW-60	11/14/2011	ND	15.23	NA	5584.37	5584.37
MW-60	2/18/2012	ND	15.64	NA	5583.96	5583.96
MW-60	6/14/2012	ND	15.33	NA	5584.27	5584.27
MW-60	9/19/2012	ND	15.57	NA	5584.03	5584.03
MW-60	11/12/2012	ND	15.90	NA	5583.70	5583.70
MW-60	2/22/2013	ND	16.06	NA	5583.54	5583.54
MW-60	5/18/2013	ND	15.65	NA	5583.95	5583.95
MW-60	8/20/2013	ND	15.51	NA	5584.09	5584.09
MW-60	12/02/2013	ND	NA	NA	NA	NA
MW-60	2/21/2014	ND	NA	NA	NA	NA
MW-60	5/20/2014	ND	NA	NA	NA	NA

TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2014
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location	Date Measured	Depth to Product (ft-bmp)	Depth to Water (ft-bmp)	Product Thickness (ft)	Water Elevation (ft-msl)	Corrected Water Elevation (ft-msl)
MW-60	8/21/2014	ND	NA	NA	NA	NA
MW-60	11/17/2014	ND	NA	NA	NA	NA

ft - feet
ft-bmp - feet below measuring point
ft-msl - feet above mean sea level
ND - not detected
NA - not available; water level not measured

TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-1	12/15/09	**2750**	**5870**	563	**5690**
	02/18/10	**870**	**4900**	670	**8500**
	04/26/10	**360**	**1900**	400	**3500**
	05/24/10	**160**	**950**	250	**2100**
	06/18/10	**77.6**	457	147	**1050**
	07/14/10	**46.1**	177	117	396
	08/12/10	**40.7**	157	99.6	533
	08/22/11	ND(1)	ND(1)	ND(1)	4.2
	09/19/12	ND(1)	1.4	6.8	86
	11/14/12	ND(1)	1.8	7.6	100
	02/19/13	ND(1)	ND(1)	10	66
	05/21/13	ND(1)	ND(1)	7.7	46
	08/20/13	ND(1)	ND(1)	10	45
	12/03/13	ND(1)	ND(1)	2.7	8.9
	02/20/14	ND(1)	ND(1)	4.6	13
	05/21/14	ND(1)	ND(1)	7.4	27
	08/20/14	ND(1)	ND(1)	1.6	6
	11/18/14	ND(1)	ND(1)	1.5	6.7
MW-3	09/19/12	ND(5)	9.5	190	**980**
	11/15/12	ND(5)	11	200	**1200**
	02/22/13	ND(5)	18	120	**680**
MW-3 Dup	05/21/13	ND(5)	30	130	**810**
MW-3	05/22/13	ND(5)	29	110	**730**
	08/21/13	ND(1)	2	11	75
	12/05/13	ND(1)	1.2	9.2	44
MW-3 Dup	02/21/14	ND(1)	4.8	10	55
MW-3	02/21/14	ND(1)	5.3	11	60
	05/22/14	ND(1)	3	7.6	40
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
- Data collected prior to June 2010 and on 7/6/10, 7/16/10,
8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
- Data collected between June 2010 and December 2010 based on low-flow sampling completed by Trihydro Corporation and analyzed by Pace Labs (Lenexa, Kansas) by USEPA 8260B

TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-3	08/21/14	ND(1)	ND(1)	ND(1)	ND(2)
	11/19/14	ND(1)	ND(1)	1.1	ND(2)
MW-5	01/28/10	ND(1)	ND(1)	ND(1)	ND(2)
	02/24/10	**190**	590	35	460
	03/24/10	**900**	**3400**	230	**2900**
	04/27/10	**320**	**1900**	140	**1900**
	05/25/10	**770**	**4800**	330	**4100**
	06/18/10	**307**	**1390**	78.3	**1910**
	07/14/10	**36.6**	220	23.4	365
	11/18/10	**48**	**879**	171	**4380**
	02/08/11	5.7	140	468	**8920**
	05/25/11	**ND(100)**	ND(100)	392	**2910**
	08/20/11	ND(5)	ND(5)	139	**730**
	11/15/11	ND(5)	ND(5)	138	**671**
	02/23/12	ND(5)	ND(5)	145	467
	06/14/12	ND(1)	ND(1)	110	363
	09/19/12	ND(1)	ND(1)	200	530
	11/15/12	ND(1)	ND(1)	230	420
	02/22/13	ND(1)	ND(1)	180	280
	05/22/13	ND(1)	ND(1)	180	300
	08/20/13	ND(5)	ND(5)	71	150
	12/03/13	ND(5)	ND(5)	26	68
	02/20/14	ND(5)	ND(5)	50	110
	05/21/14	ND(1)	ND(1)	25	49
	08/20/14	ND(1)	ND(1)	1.5	13
	11/18/14	ND(1)	ND(1)	ND(1)	ND(2)
MW-6	09/18/12	**54**	480	410	**5300**
MW-6 Dup	11/13/12	**15**	230	420	**5000**
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
- Data collected prior to June 2010 and on 7/6/10, 7/16/10,
8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
- Data collected between June 2010 and December 2010 based on low-flow sampling completed by Trihydro Corporation and analyzed by Pace Labs (Lenexa, Kansas) by USEPA 8260B

TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-6	11/15/12	**ND(50)**	210	380	**5300**
	02/22/13	ND(10)	170	350	**5400**
	05/22/13	ND(10)	130	420	**6500**
	08/21/13	ND(5)	ND(5)	27	200
	12/05/13	ND(5)	ND(5)	94	**680**
	02/21/14	ND(5)	ND(5)	110	**840**
	05/22/14	ND(5)	ND(5)	160	**1300**
	08/21/14	ND(1)	ND(1)	6.8	5.5
MW-6 Dup	11/18/14	ND(1)	ND(1)	5.2	ND(2)
MW-6	11/19/14	ND(1)	ND(1)	4.6	ND(2)
MW-7	01/28/10	ND(1)	ND(1)	ND(1)	ND(2)
	03/08/10	**60**	200	16	160
	03/24/10	**23**	90	6.4	51
	04/27/10	**11**	45	3.2	38
	05/25/10	2.7	24	1.9	23
	06/16/10	ND(1)	7.6	ND(1)	8
	07/12/10	ND(1)	5.5	ND(1)	8.4
	08/10/10	1.9	23.6	3.2	37.4
	09/22/10	1.4	25.8	3.7	62.6
	11/17/10	ND(1)	6.1	ND(1)	14.9
MW-8	01/28/10	**1100**	**1900**	120	**1500**
	11/18/10	**480**	156	210	**1980**
	08/21/13	ND(1)	ND(1)	52	110
	12/05/13	ND(1)	ND(1)	25	11
	02/21/14	ND(1)	ND(1)	15	20
	05/22/14	ND(1)	ND(1)	ND(1)	2.1
	08/21/14	ND(1)	ND(1)	ND(1)	2.2
	11/19/14	ND(1)	ND(1)	ND(1)	ND(2)
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
- Data collected prior to June 2010 and on 7/6/10, 7/16/10,
8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-10	01/28/10	**7900**	**16000**	680	**9800**
	02/24/10	**1200**	350	80	**850**
	03/24/10	**800**	86	84	420
	04/27/10	**950**	520	67	**1300**
	05/25/10	**770**	580	110	**1200**
	06/16/10	**2030**	**1100**	315	**3140**
	07/15/10	**1770**	326	344	**1740**
	08/12/10	**1210**	149	164	**1070**
	09/21/10	**251**	61.6	6.1	433
	11/18/10	4.5	2.2	ND(1)	12.6
	02/08/11	7.4	ND(1)	3.2	ND(3)
	05/25/11	**745**	2.4	244	**2990**
	07/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/20/11	**210**	20.6	56.9	**972**
	11/15/11	ND(1)	ND(1)	1.6	6.7
	02/23/12	**45.7**	14.5	37.2	451
	06/14/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/18/12	ND(1)	ND(1)	3.2	20
	11/14/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/19/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/13	ND(1)	ND(1)	ND(1)	ND(2)
	08/20/13	ND(1)	ND(1)	ND(1)	6.1
	12/03/13	ND(1)	ND(1)	ND(1)	ND(2)
	02/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/14	ND(1)	ND(1)	ND(1)	ND(2)
	08/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	11/18/14	ND(1)	ND(1)	ND(1)	ND(2)
MW-11	02/11/10	**1500**	**1000**	160	**1900**
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
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8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-11	02/24/10	**3300**	**4000**	320	**4400**
	03/24/10	**1600**	170	120	**1400**
	04/27/10	**220**	ND(5)	11	67
	05/25/10	**320**	ND(5)	66	37
	06/18/10	**265**	ND(2)	47.5	22.2
	07/15/10	**531**	2.1	25	18.1
	08/12/10	**16.6**	5.1	1.7	3.4
	09/21/10	**18.2**	ND(1)	3.7	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	02/08/11	1.2	ND(1)	ND(1)	ND(3)
	05/25/11	6.1	ND(1)	ND(1)	ND(3)
	07/21/11	**184**	ND(1)	25.2	ND(3)
	08/20/11	ND(1)	ND(1)	ND(1)	5.3
	11/15/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/23/12	**10.5**	ND(1)	ND(1)	49.3
	06/14/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/18/12	1.3	ND(1)	ND(1)	ND(2)
	11/14/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/19/13	ND(1)	ND(1)	ND(1)	4.9
	05/21/13	ND(1)	ND(1)	ND(1)	ND(2)
	08/20/13	ND(1)	ND(1)	ND(1)	ND(2)
	12/03/13	ND(1)	ND(1)	ND(1)	ND(2)
	02/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/14	ND(1)	ND(1)	ND(1)	ND(2)
	08/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	11/18/14	ND(1)	ND(1)	ND(1)	ND(2)
RW-12	08/21/13	**ND(20)**	38	190	**930**
	12/05/13	ND(10)	ND(10)	230	**670**
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
- Data collected prior to June 2010 and on 7/6/10, 7/16/10,
8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
RW-12	02/21/14	ND(5)	ND(10)	230	460
	05/22/14	ND(1)	1	3.4	13
	05/22/14	ND(5)	ND(5)	170	190
	08/21/14	ND(1)	ND(1)	13	26
RW-12 Dup	08/21/14	ND(1)	ND(1)	13	27
RW-12	11/19/14	ND(1)	ND(1)	5.8	18
RW-13	11/18/10	**427**	66.7	489	**1760**
RW-13 Dup	08/21/13	ND(1)	ND(1)	4.3	33
RW-13	08/21/13	ND(1)	ND(1)	4.5	34
	12/05/13	ND(1)	ND(1)	6.1	38
	02/21/14	ND(1)	ND(1)	9.5	92
	08/21/14	ND(1)	ND(1)	ND(1)	2.5
	11/19/14	ND(1)	ND(1)	ND(1)	ND(2)
RW-14	09/19/12	ND(10)	27	310	**1900**
	11/15/12	ND(10)	ND(10)	480	**2500**
	02/22/13	ND(5)	ND(5)	120	**750**
	05/22/13	ND(5)	ND(5)	100	530
	08/21/13	ND(5)	ND(5)	200	**630**
	12/05/13	ND(5)	ND(5)	56	92
	02/21/14	ND(5)	ND(5)	120	240
	05/22/14	ND(5)	ND(5)	89	190
	08/21/14	ND(1)	ND(1)	16	16
	11/19/14	ND(1)	ND(1)	ND(1)	ND(2)
MW-15	02/18/10	ND(1)	ND(1)	ND(1)	ND(2)
	06/16/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/10/10	ND(1)	ND(1)	ND(1)	ND(3)
MW-16	02/24/10	**120**	410	17	240
	03/24/10	**79**	1.2	12	44
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
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8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-16	04/27/10	**92**	ND(1)	13	7.2
	05/25/10	**29**	7.7	9.9	5.8
	06/18/10	2.6	2.3	3.4	3.2
	07/12/10	ND(1)	4.5	1.3	8.9
	08/10/10	ND(1)	1.3	ND(1)	3.5
	09/21/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/16/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/18/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/14/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/19/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/13	ND(1)	ND(1)	ND(1)	ND(2)
MW-17	02/18/10	**150**	550	49	570
	04/27/10	**67**	320	23	320
	05/24/10	**43**	240	18	290
	06/18/10	8.7	56.1	5.1	98.9
	07/12/10	6.4	47.1	3.5	78.1
	08/10/10	ND(1)	5.9	ND(1)	23.4
	09/21/10	ND(1)	5.5	ND(1)	11
	11/16/10	ND(1)	1.1	ND(1)	ND(3)
	09/18/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/14/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/19/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/13	ND(1)	ND(1)	ND(1)	ND(2)
RW-19	09/18/12	ND(10)	**2000**	**910**	**8000**
	11/15/12	ND(10)	**1300**	**920**	**6700**
	02/22/13	ND(10)	720	690	**4600**
	05/22/13	ND(10)	670	750	**6700**
	08/21/13	ND(5)	24	91	**1100**
NMWQCC GROUNDWATER		10	750	750	620

Notes:
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8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
RW-19 Dup	12/05/13	ND(10)	15	150	500
RW-19	12/05/13	ND(5)	15	160	510
	02/21/14	ND(5)	23	140	**1200**
RW-19 Dup	05/21/14	ND(1)	8.4	110	370
RW-19	05/22/14	ND(5)	8.5	110	370
	08/21/14	ND(1)	2.1	10	360
	11/19/14	ND(1)	2.5	18	530
MW-23	02/18/10	**91**	570	59	**780**
	04/26/10	**22**	95	17	210
	05/24/10	9.2	28	9	100
	06/16/10	7.7	3.7	7.8	71.5
	07/13/10	3.9	ND(1)	4	29.5
	08/10/10	3.9	ND(1)	5	22.8
MW-24	03/22/10	**17**	67	5.4	50
	04/26/10	**22**	120	7.8	95
	05/24/10	**18**	110	7.5	97
	06/15/10	3.7	24.1	2.2	26.9
	07/13/10	4.1	40.4	2.9	39.1
	08/10/10	1.6	21.6	1.6	19.6
	11/16/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/19/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/14/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/19/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/13	ND(1)	ND(1)	ND(1)	ND(2)
MW-25	03/22/10	10	23	1.2	5.4
	04/26/10	**19**	82	5.4	61
	05/24/10	6.8	35	1.6	36
	06/15/10	ND(1)	ND(1)	ND(1)	ND(3)
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
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NMWQCC - New Mexico Water Quality Control Commission groundwater standards
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8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-25	08/10/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/19/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/14/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/19/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/13	ND(1)	ND(1)	ND(1)	ND(2)
MW-26	03/22/10	**27**	120	8.1	89
	04/26/10	**23**	140	6.8	96
	05/24/10	5.1	21	1.7	15
	06/15/10	ND(1)	2.3	ND(1)	4.6
	08/10/10	ND(1)	2	ND(1)	6.1
MW-27	03/22/10	ND(1)	ND(1)	ND(1)	ND(2)
	04/27/10	ND(1)	ND(1)	ND(1)	ND(2)
	05/25/10	ND(1)	ND(1)	ND(1)	ND(2)
	06/15/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/10/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/22/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/16/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/20/13	ND(1)	ND(1)	ND(1)	ND(2)
	12/03/13	ND(1)	ND(1)	ND(1)	ND(2)
	02/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/14	ND(1)	ND(1)	ND(1)	ND(2)
	08/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	11/18/14	ND(1)	ND(1)	ND(1)	ND(2)
MW-28	03/22/10	**87**	71	9.9	78
	04/27/10	ND(1)	ND(1)	ND(1)	ND(2)
	05/25/10	ND(1)	ND(1)	ND(1)	ND(2)
	06/15/10	ND(1)	ND(1)	ND(1)	ND(3)
	07/13/10	ND(1)	ND(1)	ND(1)	ND(3)
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
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8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-28	08/11/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/22/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/16/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/20/13	ND(1)	ND(1)	ND(1)	ND(2)
	12/03/13	ND(1)	ND(1)	ND(1)	ND(2)
	02/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/14	ND(1)	ND(1)	ND(1)	ND(2)
	08/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	11/18/14	ND(1)	ND(1)	ND(1)	ND(2)
MW-29	03/22/10	**68**	48	5.9	70
	04/26/10	**950**	48	73	240
	05/25/10	**470**	ND(5)	43	200
	06/16/10	1.8	4.6	1.2	8.6
	07/13/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/11/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/22/10	1.1	ND(1)	ND(1)	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	05/25/11	ND(1)	ND(1)	ND(1)	ND(3)
MW-30	03/22/10	**2300**	**2000**	220	**2600**
	04/27/10	**200**	ND(5)	20	48
	05/25/10	**260**	39	25	230
	06/18/10	**90.1**	12.7	19.2	26.5
	07/15/10	**2360**	ND(50)	91.5	**674**
	08/11/10	**1270**	ND(25)	ND(25)	ND(75)
	09/22/10	**579**	ND(10)	15.9	ND(30)
	11/18/10	1.1	2.7	1.9	6.2
	02/08/11	ND(1)	ND(1)	1.1	7.1
	07/21/11	**35**	ND(1)	ND(1)	20.8
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
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HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-30	08/20/11	**27.5**	ND(1)	2.5	18.8
	11/15/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/23/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/14/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/19/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/14/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/19/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/13	ND(1)	ND(1)	ND(1)	ND(2)
RW-32	11/18/10	**1810**	**5640**	**941**	**6810**
RW-32 Dup	09/17/12	ND(10)	34	**970**	**4700**
RW-32	09/19/12	ND(10)	28	**860**	**5000**
	11/15/12	ND(10)	ND(10)	**790**	**3600**
	02/22/13	ND(5)	ND(5)	410	**2000**
	05/22/13	ND(5)	ND(5)	500	**2600**
	08/21/13	ND(5)	ND(5)	54	140
	12/05/13	ND(5)	ND(5)	49	100
	02/21/14	ND(5)	ND(5)	54	120
	05/22/14	ND(1)	ND(1)	35	53
	08/21/14	ND(1)	ND(1)	3.2	14
	11/19/14	ND(1)	ND(1)	1.7	5.2
RW-33	06/18/10	**3120**	**1340**	551	**1980**
	07/15/10	**2850**	ND(50)	669	405
	08/12/10	**1950**	ND(25)	457	ND(75)
	09/22/10	**891**	ND(5)	494	30.2
	11/18/10	**49**	ND(2)	13.9	61.5
	02/08/11	**857**	403	453	**674**
	05/25/11	**144**	ND(10)	326	**794**
	08/20/11	**87.7**	ND(5)	341	516
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
- Data collected prior to June 2010 and on 7/6/10, 7/16/10,
8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
RW-33	11/15/11	9.8	ND(5)	289	26
	02/23/12	ND(5)	ND(5)	224	ND(15)
	06/14/12	1.3	ND(1)	272	ND(3)
	09/18/12	ND(1)	ND(1)	490	72
	11/15/12	ND(1)	ND(1)	510	130
	02/22/13	ND(1)	ND(1)	20	ND(2)
	05/22/13	ND(1)	ND(1)	ND(1)	ND(2)
MW-34	04/26/10	**18**	28	1.1	15
	05/24/10	**92**	8.6	6.2	34
	06/16/10	**627**	ND(5)	33.9	101
	07/06/10	**908**	ND(1)	84.5	201
	07/15/10	**582**	ND(1)	58.9	147
	08/11/10	**95.2**	ND(1)	14.1	29.7
	09/22/10	**109**	ND(1)	7.2	8.5
	11/18/10	**101**	5.2	2.5	9.4
	02/08/11	1.3	ND(1)	ND(1)	ND(3)
	05/25/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/20/11	ND(1)	ND(1)	ND(1)	5
	11/15/11	1.8	ND(1)	ND(1)	ND(3)
	02/23/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/14/12	ND(1)	ND(1)	ND(1)	ND(3)
	08/20/13	ND(1)	ND(1)	ND(1)	ND(2)
	12/03/13	ND(1)	ND(1)	ND(1)	ND(2)
	02/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	05/21/14	ND(1)	ND(1)	ND(1)	ND(2)
	08/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	11/18/14	ND(1)	ND(1)	ND(1)	ND(2)
MW-35	04/26/10	**140**	680	96	**1200**
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
- Data collected prior to June 2010 and on 7/6/10, 7/16/10,
8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-35	05/24/10	**180**	**770**	100	**1300**
	06/16/10	**70.4**	143	31.1	296
	07/14/10	**30.6**	32	21.3	170
	08/11/10	**55.5**	52.3	38.3	200
	09/22/10	**85.8**	391	35.2	**943**
	11/18/10	**331**	**3730**	613	**5730**
	02/08/11	**66.7**	409	**776**	**3210**
	05/25/11	**ND(50)**	387	472	**3370**
	08/20/11	ND(10)	166	318	**1970**
	11/15/11	ND(10)	ND(10)	303	**1430**
	02/23/12	ND(10)	ND(10)	337	**959**
MW-35 Dup	06/12/12	ND(1)	ND(1)	329	**764**
MW-35	06/14/12	ND(5)	17.7	341	**790**
	09/19/12	ND(1)	ND(1)	350	**760**
	11/15/12	ND(1)	ND(1)	380	**840**
MW-35 Dup	02/20/13	ND(2)	ND(2)	150	320
MW-35	02/22/13	ND(2)	ND(2)	140	300
	05/22/13	ND(1)	ND(1)	240	560
	08/20/13	ND(1)	ND(1)	ND(1)	ND(2)
	12/03/13	ND(1)	ND(1)	1.2	ND(2)
	02/20/14	ND(1)	ND(1)	2.4	ND(2)
	05/21/14	ND(1)	ND(1)	ND(1)	ND(2)
	08/20/14	ND(1)	ND(1)	ND(1)	ND(2)
	11/18/14	ND(1)	ND(1)	ND(1)	ND(2)
MW-36	04/26/10	ND(1)	ND(1)	ND(1)	ND(2)
	05/24/10	ND(1)	ND(1)	ND(1)	ND(2)
	06/15/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/10/10	ND(1)	ND(1)	ND(1)	ND(3)
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
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8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-38	06/02/10	ND(1)	ND(1)	ND(1)	ND(2)
	06/18/10	ND(1)	ND(1)	ND(1)	ND(3)
	07/13/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/11/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/22/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	02/09/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/26/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/20/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/22/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/13/12	ND(1)	ND(1)	ND(1)	ND(3)
MW-39	06/02/10	ND(1)	ND(1)	ND(1)	ND(2)
	06/18/10	ND(1)	ND(1)	ND(1)	ND(3)
	07/13/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/11/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/21/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	02/09/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/26/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/22/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/22/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/13/12	ND(1)	ND(1)	ND(1)	ND(3)
MW-40	06/02/10	ND(1)	ND(1)	ND(1)	ND(2)
	06/18/10	ND(1)	ND(1)	ND(1)	ND(3)
	07/13/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/11/10	ND(1)	ND(1)	ND(1)	ND(3)
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
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8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-40	09/21/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	02/09/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/26/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/22/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/22/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/13/12	ND(1)	ND(1)	ND(1)	ND(3)
MW-41	06/02/10	ND(1)	ND(1)	ND(1)	ND(2)
	06/18/10	ND(1)	ND(1)	ND(1)	ND(3)
	07/13/10	**41.7**	ND(1)	1.1	5.6
	07/15/10	**40.2**	ND(1)	1.8	6.3
	08/11/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/22/10	**23**	ND(1)	ND(1)	ND(3)
	11/18/10	ND(1)	ND(1)	ND(1)	ND(3)
	01/20/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/10/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/26/11	ND(1)	ND(1)	ND(1)	ND(3)
	07/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/20/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/22/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/13/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/17/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/13/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/18/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/20/13	ND(1)	ND(1)	ND(1)	ND(2)
MW-42	07/06/10	**217**	ND(1)	15.4	39.2
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
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8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-42	07/14/10	**329**	ND(1)	23.2	64.9
	08/11/10	**804**	ND(5)	61.9	175
	09/22/10	**300**	ND(2)	20.9	60.2
	11/18/10	**258**	2.2	8.2	ND(6)
	02/09/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/25/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/20/11	ND(1)	ND(1)	ND(1)	3.3
	11/15/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/22/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/13/12	ND(1)	ND(1)	ND(1)	ND(3)
MW-43	07/06/10	**323**	3.7	25.8	149
	07/14/10	**421**	2.3	12.4	122
	08/11/10	**52.7**	ND(1)	11.4	ND(3)
	09/22/10	ND(1)	ND(1)	2.2	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	02/09/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/25/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/20/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/15/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/22/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/13/12	ND(1)	ND(1)	ND(1)	ND(3)
MW-44	07/06/10	**130**	4.8	6.9	33.8
	07/14/10	**117**	ND(1)	5.7	28.4
	08/11/10	**116**	1.2	6.8	26
	09/22/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	02/10/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/26/11	ND(1)	ND(1)	ND(1)	ND(3)
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
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8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
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HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-44	08/25/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/15/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/22/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/13/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/17/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/13/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/18/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/20/13	ND(1)	ND(1)	ND(1)	ND(2)
MW-45	07/06/10	ND(1)	ND(1)	ND(1)	ND(3)
	07/14/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/11/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/22/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	02/09/11	**47.6**	ND(1)	1.1	ND(3)
	05/25/11	1.7	ND(1)	ND(1)	ND(3)
MW-45 Dup	05/26/11	1.7	ND(1)	ND(1)	ND(3)
MW-45	08/20/11	ND(1)	ND(1)	ND(1)	5.5
	11/15/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/23/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/14/12	ND(1)	ND(1)	ND(1)	ND(3)
MW-46	08/19/10	4.7	ND(1)	ND(1)	ND(3)
	09/23/10	**13.2**	ND(1)	1.2	4.7
	11/18/10	ND(1)	ND(1)	ND(1)	ND(3)
	12/28/10	ND(1)	ND(1)	ND(1)	ND(3)
	01/20/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/10/11	ND(1)	ND(1)	ND(1)	ND(3)
	03/22/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/26/11	ND(1)	ND(1)	ND(1)	ND(3)
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
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HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-46	08/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/21/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/12/12	ND(1)	ND(1)	ND(1)	ND(3)
MW-47	08/23/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/23/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	02/09/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/25/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/20/11	ND(1)	ND(1)	ND(1)	ND(3)
MW-47 Dup	08/22/11	ND(1)	ND(1)	ND(1)	ND(3)
MW-47	11/15/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/22/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/14/12	ND(1)	ND(1)	ND(1)	ND(3)
MW-48	08/23/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/23/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	02/10/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/26/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/21/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/12/12	ND(1)	ND(1)	ND(1)	ND(3)
RW-49	01/20/11	1.1	ND(1)	ND(1)	ND(3)
MW-51	09/23/10	2.2	ND(1)	ND(1)	ND(3)
	11/17/10	**40.4**	ND(1)	1.8	4.8
	12/28/10	**62.7**	ND(1)	3.8	7.1
	01/20/11	**38.7**	ND(1)	3.4	7.8
NMWQCC GROUNDWATER		10	750	750	620

Notes:
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HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-51	02/10/11	**15.2**	ND(1)	2.4	ND(3)
	03/22/11	1.2	ND(1)	ND(1)	ND(3)
	05/26/11	**13.5**	ND(1)	ND(1)	ND(3)
	07/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/21/12	2	ND(1)	ND(1)	ND(3)
	06/12/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/17/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/13/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/18/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/20/13	ND(1)	ND(1)	ND(1)	ND(2)
RW-52	01/20/11	ND(1)	ND(1)	ND(1)	ND(3)
RW-53	12/28/10	1.5	ND(1)	ND(1)	ND(3)
	01/20/11	ND(1)	ND(1)	ND(1)	ND(3)
MW-55	01/20/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/10/11	ND(1)	ND(1)	ND(1)	ND(3)
	03/22/11	4.3	ND(1)	ND(1)	ND(3)
	05/26/11	**11.4**	ND(1)	ND(1)	ND(3)
	07/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/21/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/12/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/17/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/13/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/18/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/20/13	ND(1)	ND(1)	ND(1)	ND(2)
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
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HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-56	01/20/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/10/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/26/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/22/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/21/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/12/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/17/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/13/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/18/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/20/13	ND(1)	ND(1)	ND(1)	ND(2)
MW-58	04/06/11	1.3	ND(1)	ND(1)	ND(3)
	05/26/11	ND(1)	ND(1)	ND(1)	ND(3)
	07/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/21/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/12/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/17/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/13/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/18/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/20/13	ND(1)	ND(1)	ND(1)	ND(2)
MW-59	04/06/11	ND(1)	ND(1)	ND(1)	ND(3)
	05/26/11	ND(1)	ND(1)	ND(1)	ND(3)
	07/21/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/22/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/21/12	ND(1)	ND(1)	ND(1)	ND(3)
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
- Data collected prior to June 2010 and on 7/6/10, 7/16/10,
8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
- Data collected between June 2010 and December 2010 based on low-flow sampling completed by Trihydro Corporation and analyzed by Pace Labs (Lenexa, Kansas) by USEPA 8260B

TABLE 3. GROUNDWATER QUALITY DATA SUMMARY - BTEX
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Location ID	Date Sampled	Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Xylenes, Total (ug/L)
MW-59	06/12/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/17/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/13/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/18/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/20/13	ND(1)	ND(1)	ND(1)	ND(2)
MW-60	07/28/11	ND(1)	ND(1)	ND(1)	ND(3)
	08/22/11	ND(1)	ND(1)	ND(1)	ND(3)
	11/14/11	ND(1)	ND(1)	ND(1)	ND(3)
	02/21/12	ND(1)	ND(1)	ND(1)	ND(3)
	06/12/12	ND(1)	ND(1)	ND(1)	ND(3)
	09/17/12	ND(1)	ND(1)	ND(1)	ND(2)
	11/13/12	ND(1)	ND(1)	ND(1)	ND(2)
	02/18/13	ND(1)	ND(1)	ND(1)	ND(2)
	05/20/13	ND(1)	ND(1)	ND(1)	ND(2)
TW-65E	07/13/10	ND(1)	ND(1)	ND(1)	ND(3)
TW-67E	07/13/10	**98**	1.6	4.9	22.2
Trip Blank	07/14/10	ND(1)	ND(1)	ND(1)	ND(3)
	07/15/10	ND(1)	ND(1)	ND(1)	ND(3)
	08/10/10	ND(1)	ND(1)	ND(1)	ND(3)
	09/23/10	ND(1)	ND(1)	ND(1)	ND(3)
	11/17/10	ND(1)	ND(1)	ND(1)	ND(3)
	06/14/12	ND(1)	ND(1)	ND(1)	ND(3)
NMWQCC GROUNDWATER		10	750	750	620

Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
- Data collected prior to June 2010 and on 7/6/10, 7/16/10,
8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg Engineering, Inc. See lab report for method.
- Data collected between June 2010 and December 2010 based on low-flow sampling completed by Trihydro Corporation and analyzed by Pace Labs (Lenexa, Kansas) by USEPA 8260B

FIGURES

T 29 N

SITE LOCATION

Basemap: U.S. Geological Survey, 1:24,000–Scale 7.5 Minute Digital Raster Graphic Quadrangle, Turley, Blanco, Publication: 1985

NEW MEXICO

QUADRANGLE LOCATION

NOTE:

SITE LEGAL DESCRIPTION -
TOWNSHIP 29 NORTH,
RANGE 9 WEST,
SECTION 8

N

0 1,000'

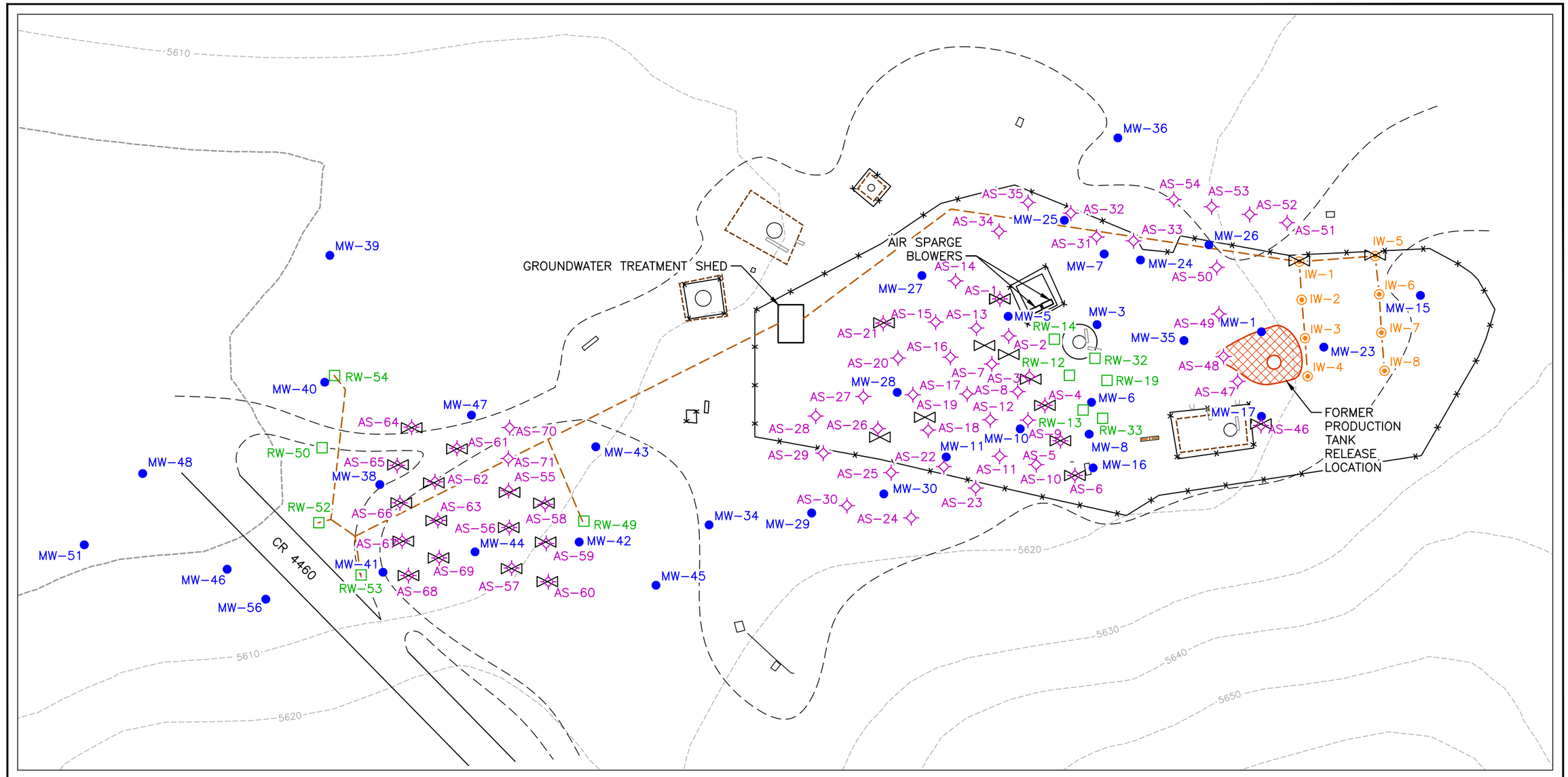
Trihydro CORPORATION
1252 Commerce Drive
Laramie, Wyoming 82070
www.trihydro.com
(P) 307/745.7474 (F) 307/745.7729

FIGURE 1

SITE LOCATION

HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Drawn By: REP	Checked By: AR	Scale: 1" = 1,000'	Date: 6/14/2010	File: 865-USGS-LOC-201006



EXPLANATION

- MW-41 — MONITORING WELL AND DESIGNATION
- AS-30 — AIR SPARGE WELL AND DESIGNATION
- RW-33 — RECOVERY WELL AND DESIGNATION
- IW-8 — INJECTION WELL AND DESIGNATION
- TRENCH CUT FOR SUBGRADE PIPING AND ELECTRICAL CONDUIT INSTALLATION
- FENCE
- ROAD EDGE
- EDGE OF IMPROVED DIRT AREA
- EXISTING BERM
- 5600 — EXISTING GROUND SURFACE CONTOUR (INTERVAL = 10')
- APPROXIMATE EXCAVATION PERIMETER (73'X58'X25')
- GATE VALVE

N

0 80'

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FIGURE 2

REMEDIATION SYSTEMS

HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Drawn By: REP	Checked By: JP	Scale: 1" = 80'	Date: 10/12/12	File: 865-SITEPLAN201210

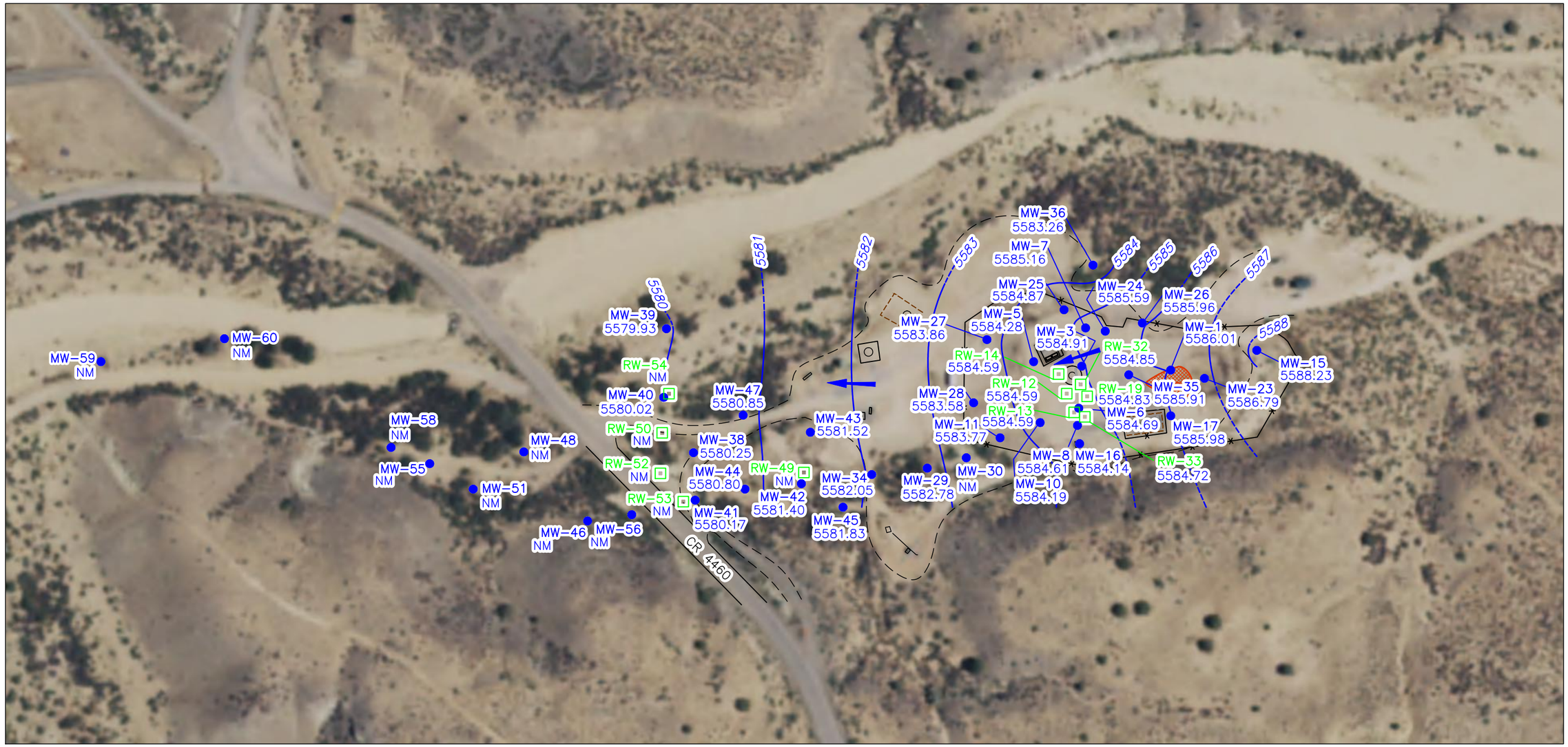

Image Cite: USDA–FSA Aerial Photography Field Office, 2014 NAIP, Aerial Photography: August 19, 2014

EXPLANATION

- MW–41 5580.17 — MONITORING WELL AND DESIGNATION SHOWING GROUNDWATER ELEVATION IN FT AMSL
- RW–53 NM — RECOVERY WELL AND DESIGNATION SHOWING GROUNDWATER ELEVATION IN FT AMSL
- 5581 — LINE OF EQUAL GROUNDWATER CONCENTRATION, DASHED WHERE INFERRED, CONTOUR INTERVAL = 1'
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- FENCE
- ROAD EDGE
- EDGE OF IMPROVED DIRT AREA
- EXISTING BERM
- APPROXIMATE EXCAVATION PERIMETER (73'X58'X25')
- FT AMSL — FEET ABOVE MEAN SEA LEVEL
- NM — NOT MEASURED

N

0 150'

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FIGURE 3

POTENTIOMETRIC SURFACE CONTOUR MAP (NOVEMBER 2014)

HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Drawn By: REP	Checked By: JP	Scale: 1" = 150'	Date: 3/2/15	File: 865-PS-201411

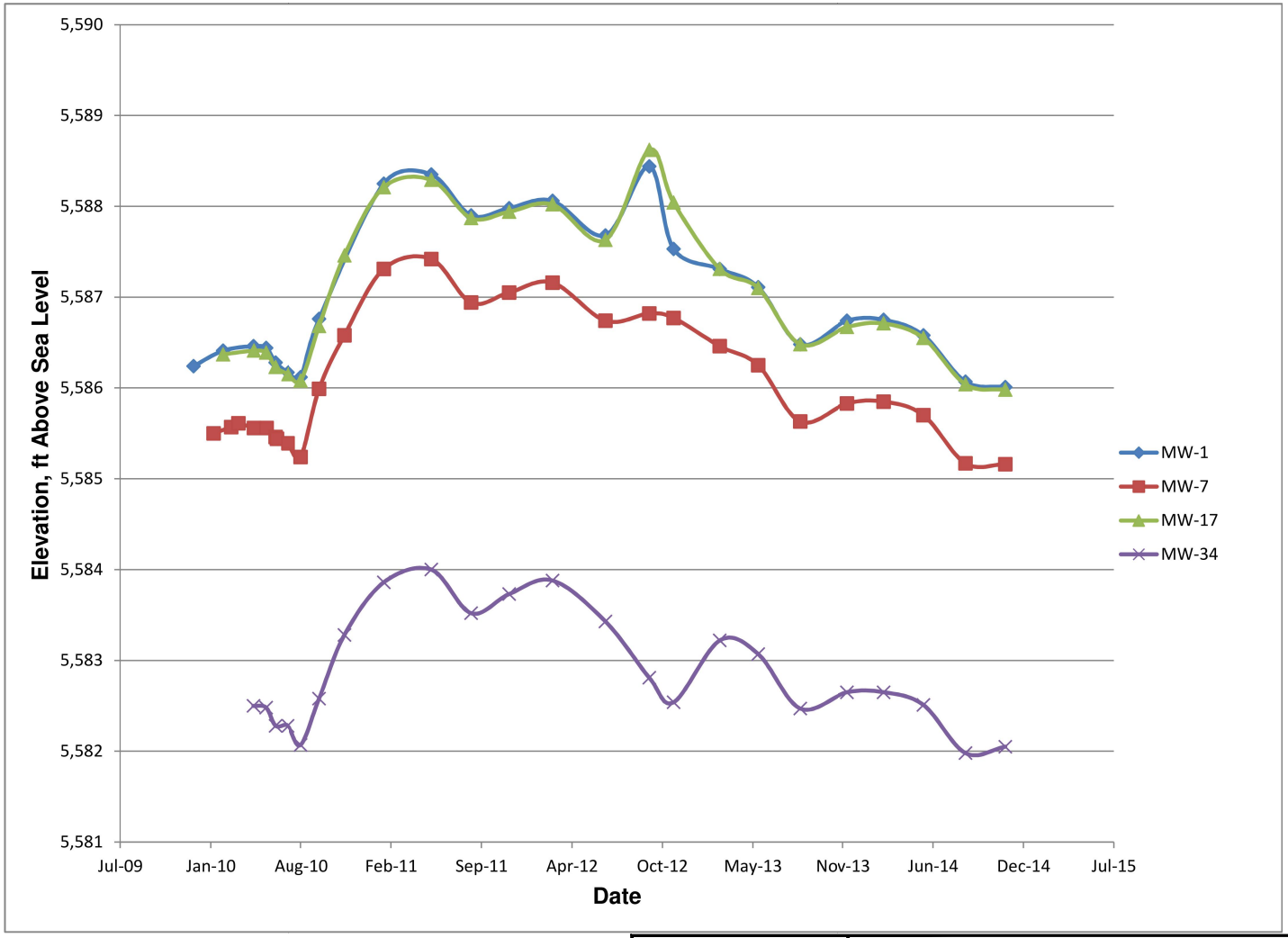

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FIGURE 4

MONITORING WELL HYDROGRAPHS (NOVEMBER 2014)

HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

Drawn By: REP	Checked By: JP	Scale: NONE	Date: 3/9/15	File: 865-HYDROGRAPHS201411

MW-7	11/17/10	11/17/10
B	ND(1)	ND(1)
T	6.1	6.1
E	ND(1)	ND(1)
X	14.9	14.9

MW-26	8/10/10
B	ND(1)
T	2
E	ND(1)
X	6.1

MW-24	9/19/12	11/14/12	2/19/13	5/21/13
ALL	ND	ND	ND	ND

RW-14	12/5/13	2/21/14	8/21/14	11/19/14
B	ND(5)	ND(5)	ND(1)	ND(1)
T	ND(5)	ND(5)	ND(1)	ND(1)
E	56	120	16	ND(1)
X	92	240	16	ND(2)

MW-35	12/3/13	2/20/14	8/20/14	11/18/14
B	ND(1)	ND(1)	ND(1)	ND(1)
T	ND(1)	ND(1)	ND(1)	ND(1)
E	1.2	1.2	ND(1)	ND(1)
X	ND(2)	ND(2)	ND(2)	ND(2)

MW-1	12/3/13	2/20/14	8/20/14	11/18/14
B	ND(1)	ND(1)	ND(1)	ND(1)
T	ND(1)	ND(1)	ND(1)	ND(1)
E	2.7	4.6	1.6	1.5
X	8.9	13	6	6.7

MW-23	8/10/10
B	3.9
T	ND(1)
E	5
X	22.8

MW-15	8/10/10
ALL	ND

MW-5	12/3/13	2/20/14	8/20/14	8/20/14
B	ND(5)	ND(5)	ND(1)	ND(1)
T	ND(5)	ND(5)	ND(1)	ND(1)
E	26	50	1.5	ND(1)
X	68	110	13	ND(2)

MW-3	12/5/13	2/21/14	8/21/14	11/18/14
B	ND(1)	ND(1)	ND(1)	ND(1)
T	1.2	5.3	ND(1)	ND(1)
E	9.2	11	ND(1)	1.1
X	44	80	ND(2)	ND(2)

MW-27	12/3/13	2/20/14	8/20/14	11/18/14
ALL	ND	ND	ND	ND

MW-28	12/3/13	2/20/14	8/20/14	11/18/14
ALL	ND	ND	ND	ND

MW-36	8/10/10
ALL	ND

MW-17	9/18/12	11/14/12	2/19/13	5/21/13
ALL	ND	ND	ND	ND

MW-39	11/14/11	2/22/12	6/13/12
ALL	ND	ND	ND

RW-13	12/5/13	2/21/14	8/21/14	11/19/14
B	ND(1)	ND(1)	ND(1)	ND(1)
T	ND(1)	ND(1)	ND(1)	ND(1)
E	6.1	9.5	ND(1)	ND(1)
X	38	92	2.5	ND(2)

RW-12	12/5/13	2/21/14	8/21/14	11/19/14
B	ND(10)	ND(1)	ND(1)	ND(1)
T	ND(10)	ND(1)	ND(1)	ND(1)
E	230	230	13	5.8
X	**670**	460	26	18

MW-25	11/14/12	2/19/13	5/21/13
ALL	ND	ND	ND

RW-32	12/5/13	2/21/14	8/21/14	11/19/14
B	ND(5)	ND(5)	ND(1)	ND(1)
T	ND(5)	ND(5)	ND(1)	ND(1)
E	49	54	3.2	1.7
X	100	120	14	5.2

MW-40	11/14/11	2/22/12	6/13/12
ALL	ND	ND	ND

MW-60	11/13/12	2/18/13	5/20/13
ALL	ND	ND	ND

MW-43	11/14/11	2/22/12	6/13/12
ALL	ND	ND	ND

RW-19	12/5/13	2/21/14	8/21/14	11/19/14
B	ND(5)	ND(5)	ND(1)	ND(1)
T	15	23	2.1	2.5
E	160	140	10	18
X	510	**1200**	360	530

MW-59	11/13/12	2/18/13	5/20/13
ALL	ND	ND	ND

MW-38	11/14/11	2/22/12	6/13/12
ALL	ND	ND	ND

MW-47	2/22/12	6/14/12
ALL	ND	ND

RW-33	9/18/12	11/15/12	2/22/13	5/22/13
B	ND(1)	ND(1)	ND(1)	ND(1)
T	ND(1)	ND(1)	ND(1)	ND(1)
E	490	510	20	ND(1)
X	72	130	ND(2)	ND(2)

MW-55	9/17/12	11/13/12	2/18/13	5/20/13
ALL	ND	ND	ND	ND

MW-58	9/17/12	11/13/12	2/18/13	5/20/13
ALL	ND	ND	ND	ND

MW-51	9/17/12	11/13/12	2/18/13	5/20/13
ALL	ND	ND	ND	ND

MW-6	12/5/13	2/21/14	8/21/14	11/19/14
B	ND(5)	ND(5)	ND(1)	ND(1)
T	ND(5)	ND(5)	ND(1)	ND(1)
E	94	110	6.8	4.6
X	680	**840**	5.5	ND(2)

MW-8	12/5/13	2/21/14	8/21/14	11/19/14
B	ND(1)	ND(1)	ND(1)	ND(1)
T	ND(1)	ND(1)	ND(1)	ND(1)
E	25	15	ND(1)	ND(1)
X	11	20	2.2	ND(2)

MW-48	11/14/11	2/21/12	6/12/12
ALL	ND	ND	ND

MW-46	11/14/11	2/22/12	6/12/12
ALL	ND	ND	ND

MW-56	9/17/12	11/13/12	2/18/13	5/20/13
ALL	ND	ND	ND	ND

MW-41	9/17/12	11/13/12	2/18/13	5/20/13
ALL	ND	ND	ND	ND

MW-44	9/17/12	11/13/12	2/18/13	5/20/13
ALL	ND	ND	ND	ND

MW-45	2/23/12	6/14/12
B	ND(1)	ND(1)
T	ND(1)	ND(1)
E	ND(1)	ND(1)
X	ND(3)	ND(3)

MW-42	2/22/12	5/20/13
B	ND(1)	ND(1)
T	ND(1)	ND(1)
E	ND(1)	ND(1)
X	ND(3)	ND(3)

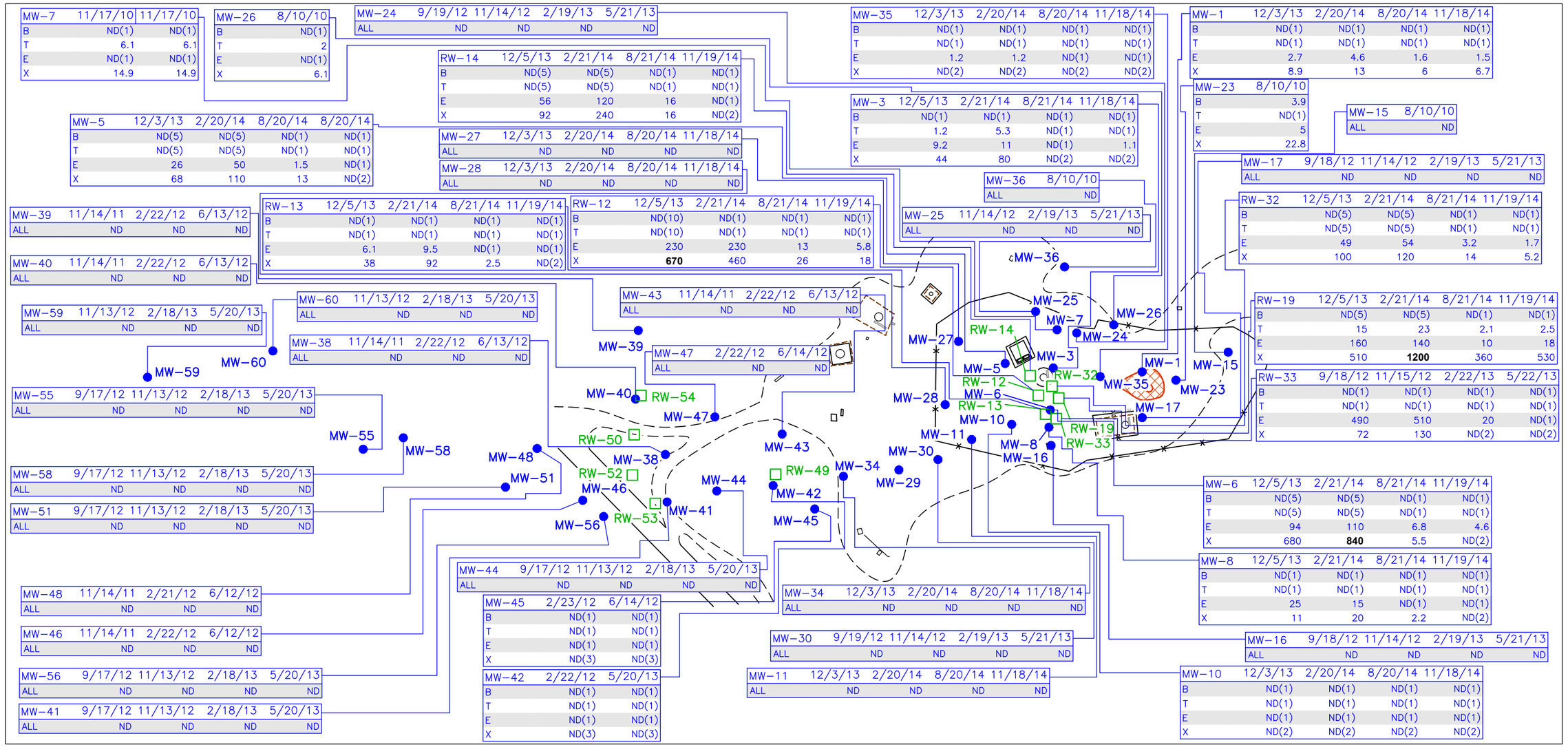
MW-34	12/3/13	2/20/14	8/20/14	11/18/14
ALL	ND	ND	ND	ND

MW-30	9/19/12	11/14/12	2/19/13	5/21/13
ALL	ND	ND	ND	ND

MW-11	12/3/13	2/20/14	8/20/14	11/18/14
ALL	ND	ND	ND	ND

MW-16	9/18/12	11/14/12	2/19/13	5/21/13
ALL	ND	ND	ND	ND

MW-10	12/3/13	2/20/14	8/20/14	11/18/14
B	ND(1)	ND(1)	ND(1)	ND(1)
T	ND(1)	ND(1)	ND(1)	ND(1)
E	ND(1)	ND(1)	ND(1)	ND(1)
X	ND(2)	ND(2)	ND(2)	ND(2)



EXPLANATION

- MW-41 — MONITORING WELL AND DESIGNATION
- RW-33 — RECOVERY WELL AND DESIGNATION
- FENCE
- ROAD EDGE
- EDGE OF IMPROVED DIRT AREA
- EXISTING BERM
- APPROXIMATE EXCAVATION PERIMETER (73'X58'X25')
- ppb — PARTS PER BILLION

ANALYTE TABLE EXPLANATION

MW-10	11/18/14	← SAMPLE DATE
Benzene → B	10	NMWQCC GW STANDARDS (ppb)
Toluene → T	750	
Ethylbenzene → E	750	
Xylenes, Total → X	620	

NOTES:

1. ALL VALUES IN MICROGRAMS PER LITER (ug/L)
2. VALUES IN **BOLD AND BLACK COLOR** EXCEED NEW MEXICO GROUNDWATER STANDARDS
3. ND NOT DETECTED

N

0 150'

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Laramie, Wyoming 82070
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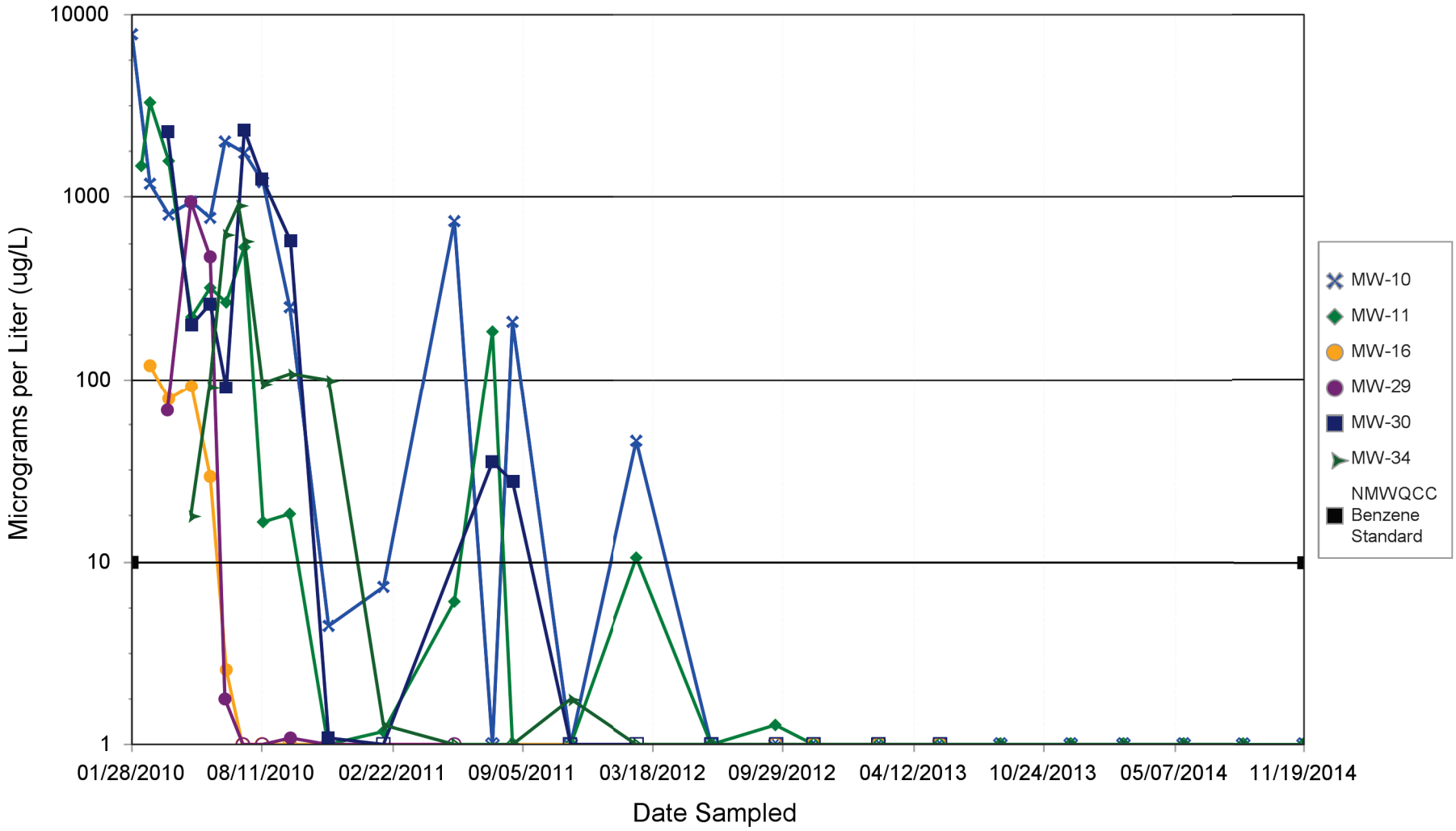
FIGURE 5

GROUNDWATER QUALITY DATA SUMMARY - BTEX (NOVEMBER 2014)

HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION
SAN JUAN COUNTY, NEW MEXICO

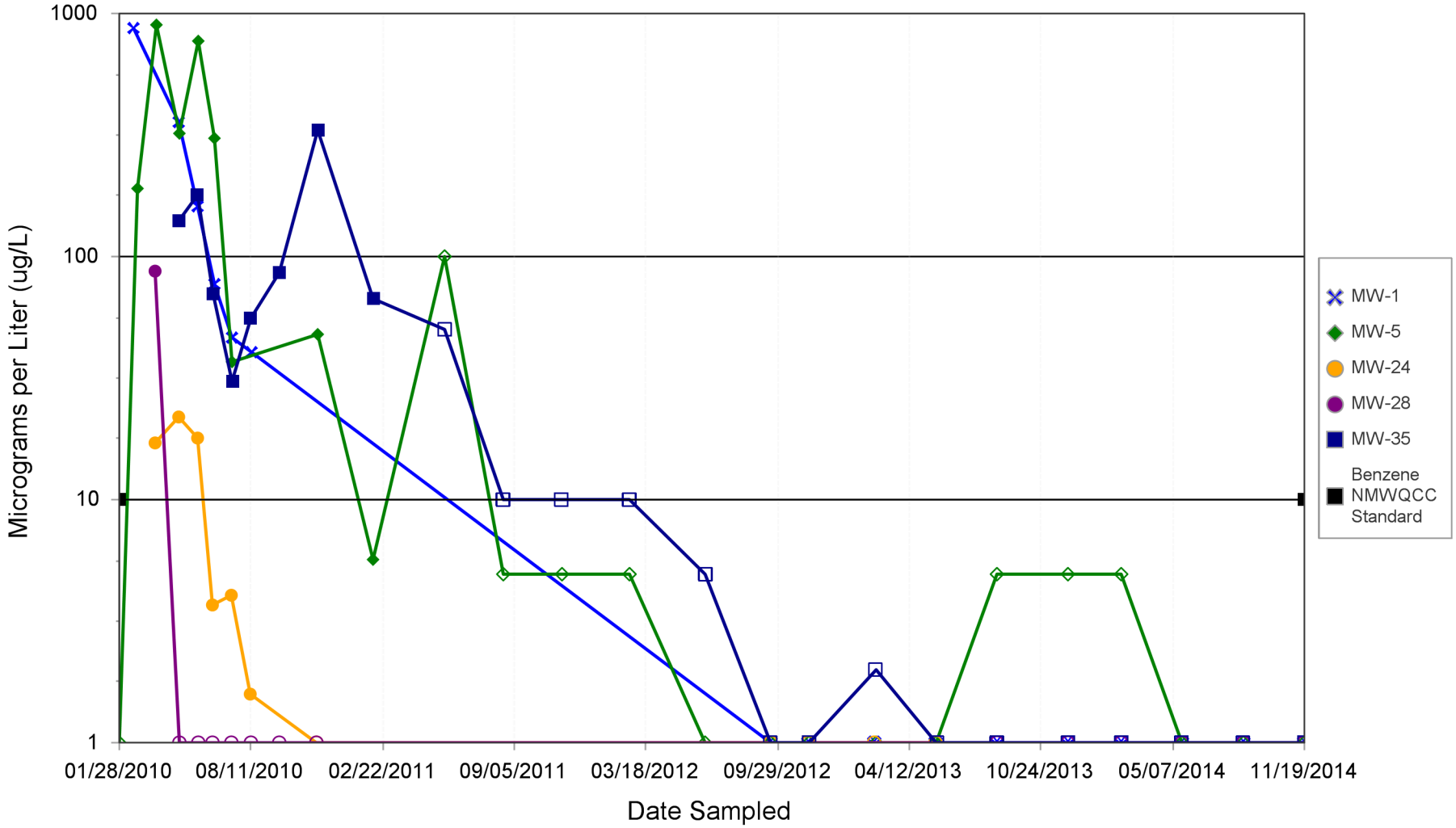
Drawn By: REP	Checked By: JP	Scale: 1" = 150'	Date: 3/9/15	File: 865-MW-RW-BTEX-201411

FIGURE 6. BENZENE CONCENTRATION TREND CHART - CENTRAL WELLS
HEATH GC G#1 WELL SITE



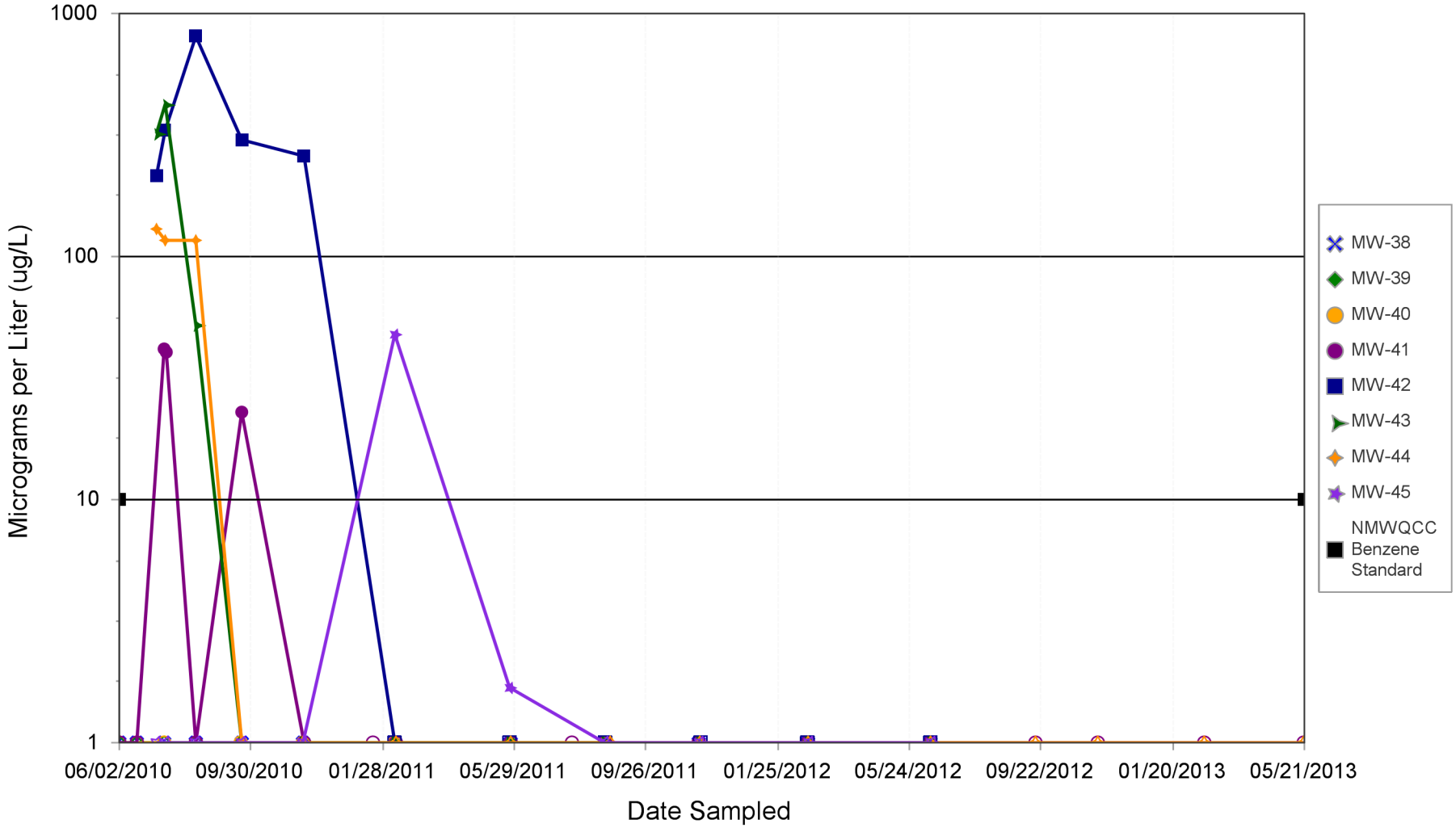
ProjectDirect: Benzene Central PK:248 RK:4598

FIGURE 7. BENZENE CONCENTRATION TREND CHART - NORTH WELLS
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION



ProjectDirect: Benzene North PK:248 RK:4595

FIGURE 8. BENZENE CONCENTRATION TREND CHART - WEST WELLS
HEATH GC G#1 WELL SITE
BP AMERICA PRODUCTION



ProjectDirect: Benzene West PK:248 RK:4597

ATTACHMENT A

LABORATORY ANALYTICAL REPORT

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

December 01, 2014

Nelson Velez

Blagg Engineering
P. O. Box 87
Bloomfield, NM 87413
TEL: (505) 320-3489
FAX (505) 632-3903

RE: HEATH GC G # 1 OrderNo.: 1411987

Dear Nelson Velez:

Hall Environmental Analysis Laboratory received 17 sample(s) on 11/21/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: HEATH GC G # 1

Lab Order: 1411987

Lab ID: 1411987-001 **Collection Date:** 11/18/2014 1:40:00 PM
Client Sample ID: MW # 1 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 1:29:11 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 1:29:11 PM	R22773
Ethylbenzene	1.5	1.0		µg/L	1	11/24/2014 1:29:11 PM	R22773
Xylenes, Total	6.7	2.0		µg/L	1	11/24/2014 1:29:11 PM	R22773
Surr: 4-Bromofluorobenzene	110	66.6-167		%REC	1	11/24/2014 1:29:11 PM	R22773

Lab ID: 1411987-002 **Collection Date:** 11/18/2014 1:00:00 PM
Client Sample ID: MW # 5 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 4:13:04 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 4:13:04 PM	R22773
Ethylbenzene	ND	1.0		µg/L	1	11/24/2014 4:13:04 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 4:13:04 PM	R22773
Surr: 4-Bromofluorobenzene	95.5	66.6-167		%REC	1	11/24/2014 4:13:04 PM	R22773

Lab ID: 1411987-003 **Collection Date:** 11/18/2014 11:30:00 AM
Client Sample ID: MW # 10 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 4:40:23 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 4:40:23 PM	R22773
Ethylbenzene	ND	1.0		µg/L	1	11/24/2014 4:40:23 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 4:40:23 PM	R22773
Surr: 4-Bromofluorobenzene	96.2	66.6-167		%REC	1	11/24/2014 4:40:23 PM	R22773

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
E	Value above quantitation range
J	Analyte detected below quantitation limits
O	RSD is greater than RSDlimit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2.
RL	Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: HEATH GC G # 1
Lab Order: 1411987

Lab ID: 1411987-004 **Collection Date:** 11/18/2014 12:10:00 PM
Client Sample ID: MW # 11 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 5:07:35 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 5:07:35 PM	R22773
Ethylbenzene	ND	1.0		µg/L	1	11/24/2014 5:07:35 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 5:07:35 PM	R22773
Surr: 4-Bromofluorobenzene	96.0	66.6-167		%REC	1	11/24/2014 5:07:35 PM	R22773

Lab ID: 1411987-005 **Collection Date:** 11/18/2014 10:00:00 AM
Client Sample ID: MW # 27 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 5:34:53 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 5:34:53 PM	R22773
Ethylbenzene	ND	1.0		µg/L	1	11/24/2014 5:34:53 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 5:34:53 PM	R22773
Surr: 4-Bromofluorobenzene	96.2	66.6-167		%REC	1	11/24/2014 5:34:53 PM	R22773

Lab ID: 1411987-006 **Collection Date:** 11/18/2014 10:40:00 AM
Client Sample ID: MW # 28 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 6:02:13 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 6:02:13 PM	R22773
Ethylbenzene	ND	1.0		µg/L	1	11/24/2014 6:02:13 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 6:02:13 PM	R22773
Surr: 4-Bromofluorobenzene	95.0	66.6-167		%REC	1	11/24/2014 6:02:13 PM	R22773

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
E	Value above quantitation range
J	Analyte detected below quantitation limits
O	RSD is greater than RSDlimit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2.
RL	Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: HEATH GC G # 1
Lab Order: 1411987

Lab ID: 1411987-007 **Collection Date:** 11/18/2014 9:15:00 AM
Client Sample ID: MW # 34 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 6:29:16 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 6:29:16 PM	R22773
Ethylbenzene	ND	1.0		µg/L	1	11/24/2014 6:29:16 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 6:29:16 PM	R22773
Surr: 4-Bromofluorobenzene	96.8	66.6-167		%REC	1	11/24/2014 6:29:16 PM	R22773

Lab ID: 1411987-008 **Collection Date:** 11/18/2014 2:20:00 PM
Client Sample ID: MW # 35 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 6:56:32 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 6:56:32 PM	R22773
Ethylbenzene	ND	1.0		µg/L	1	11/24/2014 6:56:32 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 6:56:32 PM	R22773
Surr: 4-Bromofluorobenzene	95.5	66.6-167		%REC	1	11/24/2014 6:56:32 PM	R22773

Lab ID: 1411987-009 **Collection Date:** 11/19/2014 8:40:00 AM
Client Sample ID: MW # 3 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 7:23:48 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 7:23:48 PM	R22773
Ethylbenzene	1.1	1.0		µg/L	1	11/24/2014 7:23:48 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 7:23:48 PM	R22773
Surr: 4-Bromofluorobenzene	100	66.6-167		%REC	1	11/24/2014 7:23:48 PM	R22773

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
E	Value above quantitation range
J	Analyte detected below quantitation limits
O	RSD is greater than RSDlimit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2.
RL	Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: HEATH GC G # 1
Lab Order: 1411987

Lab ID: 1411987-010 **Collection Date:** 11/19/2014 11:15:00 AM
Client Sample ID: MW # 6 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 9:39:49 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 9:39:49 PM	R22773
Ethylbenzene	4.6	1.0		µg/L	1	11/24/2014 9:39:49 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 9:39:49 PM	R22773
Surr: 4-Bromofluorobenzene	128	66.6-167		%REC	1	11/24/2014 9:39:49 PM	R22773

Lab ID: 1411987-011 **Collection Date:** 11/19/2014 9:20:00 AM
Client Sample ID: MW # 8 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 10:07:05 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 10:07:05 PM	R22773
Ethylbenzene	ND	1.0		µg/L	1	11/24/2014 10:07:05 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 10:07:05 PM	R22773
Surr: 4-Bromofluorobenzene	111	66.6-167		%REC	1	11/24/2014 10:07:05 PM	R22773

Lab ID: 1411987-012 **Collection Date:** 11/19/2014 2:10:00 PM
Client Sample ID: RW # 12 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 10:34:17 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 10:34:17 PM	R22773
Ethylbenzene	5.8	1.0		µg/L	1	11/24/2014 10:34:17 PM	R22773
Xylenes, Total	18	2.0		µg/L	1	11/24/2014 10:34:17 PM	R22773
Surr: 4-Bromofluorobenzene	122	66.6-167		%REC	1	11/24/2014 10:34:17 PM	R22773

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
E	Value above quantitation range
J	Analyte detected below quantitation limits
O	RSD is greater than RSDlimit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2.
RL	Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: HEATH GC G # 1
Lab Order: 1411987

Lab ID: 1411987-013 **Collection Date:** 11/19/2014 10:25:00 AM
Client Sample ID: RW # 13 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 11:01:33 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 11:01:33 PM	R22773
Ethylbenzene	ND	1.0		µg/L	1	11/24/2014 11:01:33 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 11:01:33 PM	R22773
Surr: 4-Bromofluorobenzene	110	66.6-167		%REC	1	11/24/2014 11:01:33 PM	R22773

Lab ID: 1411987-014 **Collection Date:** 11/19/2014 1:05:00 PM
Client Sample ID: RW # 14 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 11:28:43 PM	R22773
Toluene	ND	1.0		µg/L	1	11/24/2014 11:28:43 PM	R22773
Ethylbenzene	ND	1.0		µg/L	1	11/24/2014 11:28:43 PM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/24/2014 11:28:43 PM	R22773
Surr: 4-Bromofluorobenzene	121	66.6-167		%REC	1	11/24/2014 11:28:43 PM	R22773

Lab ID: 1411987-015 **Collection Date:** 11/19/2014 3:05:00 PM
Client Sample ID: RW # 19 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/24/2014 11:55:49 PM	R22773
Toluene	2.5	1.0		µg/L	1	11/24/2014 11:55:49 PM	R22773
Ethylbenzene	18	1.0		µg/L	1	11/24/2014 11:55:49 PM	R22773
Xylenes, Total	530	20		µg/L	10	11/25/2014 4:34:52 PM	R22784
Surr: 4-Bromofluorobenzene	146	66.6-167		%REC	1	11/24/2014 11:55:49 PM	R22773

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
E	Value above quantitation range
J	Analyte detected below quantitation limits
O	RSD is greater than RSDlimit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2.
RL	Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering
Project: HEATH GC G # 1
Lab Order: 1411987

Lab ID: 1411987-016 **Collection Date:** 11/19/2014 12:10:00 PM
Client Sample ID: RW # 32 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/25/2014 12:50:08 AM	R22773
Toluene	ND	1.0		µg/L	1	11/25/2014 12:50:08 AM	R22773
Ethylbenzene	1.7	1.0		µg/L	1	11/25/2014 12:50:08 AM	R22773
Xylenes, Total	5.2	2.0		µg/L	1	11/25/2014 12:50:08 AM	R22773
Surr: 4-Bromofluorobenzene	115	66.6-167		%REC	1	11/25/2014 12:50:08 AM	R22773

Lab ID: 1411987-017 **Collection Date:** 11/18/2014 3:00:00 PM
Client Sample ID: MW # X **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	11/25/2014 1:17:15 AM	R22773
Toluene	ND	1.0		µg/L	1	11/25/2014 1:17:15 AM	R22773
Ethylbenzene	5.2	1.0		µg/L	1	11/25/2014 1:17:15 AM	R22773
Xylenes, Total	ND	2.0		µg/L	1	11/25/2014 1:17:15 AM	R22773
Surr: 4-Bromofluorobenzene	132	66.6-167		%REC	1	11/25/2014 1:17:15 AM	R22773

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
E	Value above quantitation range
J	Analyte detected below quantitation limits
O	RSD is greater than RSDlimit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2.
RL	Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1411987**

01-Dec-14

Client: Blagg Engineering
Project: HEATH GC G # 1

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R22773**	RunNo: **22773**
Prep Date:	Analysis Date: **11/24/2014**	SeqNo: **671895** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	22		20.00		112	66.6	167			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R22773**	RunNo: **22773**
Prep Date:	Analysis Date: **11/24/2014**	SeqNo: **671896** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	109	80	120			
Toluene	22	1.0	20.00	0	111	80	120			
Ethylbenzene	22	1.0	20.00	0	110	80	120			
Xylenes, Total	67	2.0	60.00	0	111	80	120			
Surr: 4-Bromofluorobenzene	22		20.00		110	66.6	167			

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R22784**	RunNo: **22784**
Prep Date:	Analysis Date: **11/25/2014**	SeqNo: **673058** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	22		20.00		108	66.6	167			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R22784**	RunNo: **22784**
Prep Date:	Analysis Date: **11/25/2014**	SeqNo: **673059** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total	62	2.0	60.00	0	103	80	120			
Surr: 4-Bromofluorobenzene	20		20.00		102	66.6	167			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **BLAGG** Work Order Number: **1411987** RcptNo: **1**

Received by/date: AT 11/21/14

Logged By: **Lindsay Mangin** **11/21/2014 7:18:00 AM**

Completed By: **Lindsay Mangin** **11/22/2014 11:10:58 AM**

Reviewed By: AT 11/24/14

Chain of Custody

1. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
2. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
3. How was the sample delivered?	Courier		

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
13. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
14. Is it clear what analyses were requested?	Yes ☑	No ☐	
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.7	Good	Yes			

Chain-of-Custody Record

Client: **BLAGG ENGR. / BP AMERICA**

Mailing Address: **P.O. BOX 87**
BLOOMFIELD, NM 87413

Phone #: **(505) 632-1199**

email or Fax#:

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation:
☐ NELAP ☐ Other

☑ EDD (Type) **Excel format**

Turn-Around Time:
☑ Standard ☐ Rush

Project Name:
HEATH GC G # 1

Project #:

Project Manager:
NELSON VELEZ

Sampler: **NELSON VELEZ**

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.7

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1411987	BTEX + MTBE + TMB's (8021B)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH (8310 or 8270SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride (soil - 300.0 / water - 300.1)		Grab sample	5 pt. composite sample
11/18/14	1340	WATER	MW # 1	40 ml VOA - 2	HCl & Cool	-001	✓													✓	
11/18/14	1300	WATER	MW # 5	40 ml VOA - 2	HCl & Cool	-002	✓													✓	
11/18/14	1130	WATER	MW # 10	40 ml VOA - 2	HCl & Cool	-003	✓													✓	
11/18/14	1210	WATER	MW # 11	40 ml VOA - 2	HCl & Cool	-004	✓													✓	
11/18/14	1000	WATER	MW # 27	40 ml VOA - 2	HCl & Cool	-005	✓													✓	
11/18/14	1040	WATER	MW # 28	40 ml VOA - 2	HCl & Cool	-006	✓													✓	
11/18/14	0915	WATER	MW # 34	40 ml VOA - 2	HCl & Cool	-007	✓													✓	
11/18/14	1420	WATER	MW # 35	40 ml VOA - 2	HCl & Cool	-008	✓													✓	

Date	Time	Relinquished by:	Received by:	Date	Time
11/20/14	808			11/20/14	808
11/20/14	1845			11/21/14	0718

Remarks:

BILL DIRECTLY TO BP:

Jeff Peace, 200 Energy Court, Farmington, NM 87401

Find Purchase Order in email from BP.

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Client: BLAGG ENGR. / BP AMERICA

Mailing Address: P.O. BOX 87

BLOOMFIELD, NM 87413

Phone #: (505) 632-1199

email or Fax#:

QA/QC Package:

☑ Standard ☐ Level 4 (Full Validation)

Accreditation:

☐ NELAP ☐ Other

☑ EDD (Type) Excel format

☑ Standard ☐ Rush

Project Name: HEATH GC G # 1

Project #:

Project Manager: NELSON VELEZ

Sampler: NELSON VELEZ

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.7

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1411987	BTEX + ~~MTBE + TMB's~~ (8021B)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH (8310 or 8270SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride (soil - 300.0 / water - 300.1)		Grab sample	5 pt. composite sample
11/19/14	0840	WATER	MW # 3	40 ml VOA - 2	HCl & Cool	-009	✓													✓	
11/19/14	1115	WATER	MW # 6	40 ml VOA - 2	HCl & Cool	-010	✓													✓	
11/19/14	0920	WATER	MW # 8	40 ml VOA - 2	HCl & Cool	-011	✓													✓	
11/19/14	1410	WATER	RW # 12	40 ml VOA - 2	HCl & Cool	-012	✓													✓	
11/19/14	1025	WATER	RW # 13	40 ml VOA - 2	HCl & Cool	-013	✓													✓	
11/19/14	1305	WATER	RW # 14	40 ml VOA - 2	HCl & Cool	-014	✓													✓	
11/19/14	1505	WATER	RW # 19	40 ml VOA - 2	HCl & Cool	-015	✓													✓	
11/19/14	1210	WATER	RW # 32	40 ml VOA - 2	HCl & Cool	-016	✓													✓	
11/18/14	1500	WATER	MW # X	40 ml VOA - 2	HCl & Cool	-017	✓													✓	

Analysis Request

Date	Time	Relinquished by:	Received by:	Date	Time
11/20/14	808			11/20/14	808
11/20/14	1845			11/21/14	0718

Remarks:

BILL DIRECTLY TO BP:

Jeff Peace, 200 Energy Court, Farmington, NM 87401

Find Purchase Order in email from BP.