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

November 9, 2017

Mr. Randolph Bayliss
Hydrologist, Districts III and IV
NMOCD Environmental Bureau
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Site 3R-424 Quarterly Report for Heath Gas Com G1 Remediation Site

Dear Mr. Bayliss:

Attached is the 4th quarter 2015 update for 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. With the exception of wells RW-19 and MW-6, which will be sampled next quarter, recent data show all monitoring wells have achieved BTEX levels below WQCC standards for at least eight consecutive quarters. BP has terminated operation of the air sparge remediation system and will be preparing a request for closure to NMOCD when all wells attain the closure standard.

If you have any questions, please feel free to contact me at (505) 330-9179 or at Steven.Moskal@bp.com.

Sincerely,

Steve Moskal
BP Lower 48-San Juan
Field Environmental Coordinator

# memorandum

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|---|---|
| **To:** | Mr. Steven Moskal<br>BP America Production, Farmington, NM |
| **From:** | Mr. John Pietz, P.E. |
| **cc:** | Mr. Jeff Blagg, Blagg Engineering, Inc. |
| **Date:** | November 9, 2017 |
| **Re:** | Fourth Quarter Report, October – December 2015, Heath GC G#1 Well Site<br>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 2015. These activities include monitoring well sampling and gauging, and operation of the air sparge system. Recommendations for future work are also presented. Figure 1 provides site location map, and Figure 2 provides a map of the remediation systems.

## 1.0 COMPLETED ACTIVITIES

Activities completed during the October – December 2015 period included:

- Quarterly gauging of fluid level elevations on November 30, 2015.
- Quarterly groundwater sampling for benzene, toluene, ethylbenzene, and xylenes (BTEX) on November 30, 2015 of three wells.
- Operation of the air sparge system.

## 2.0 QUARTERLY GROUNDWATER GAUGING AND SAMPLING

As of November 30, 2015, the site monitoring well network includes 37 monitoring wells (2-inch diameter) and eight 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 37 monitoring wells on November 30, 2015 as part of the quarterly groundwater monitoring event. Groundwater gauging and sampling was completed by BEI. Fluid levels (groundwater and LNAPL, 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 30, 2015 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 30, 2015. 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 30, 2015 data are shown on Figure 3. Groundwater generally appears to flow east to west at an average gradient of approximately 0.01 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.

## 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 organic compounds. Groundwater quality sampling procedures and results are described below.

### 3.1 GROUNDWATER QUALITY SAMPLING METHODS

During the November 2015 sampling event, groundwater samples were collected from three wells, MW-6, RW-12, and RW-19 (Table 3). Numerous wells have attained groundwater standards for eight consecutive quarters 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 sample containers with preservatives and 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 2015 quarterly results for site monitoring wells. The tables and figures include comparisons to the New Mexico Water Quality Control Commission (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 2015 event is presented in Attachment A.

Several observations can be drawn from the November 2015 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.
- All sampled wells are below the NMWQCC standards for BTEX for this quarter.
- RW-12 has now achieved eight consecutive quarters of compliance with these standards

For the sixth 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, the groundwater extraction system is not operating at present 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 a natural gas generator for the on-site 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 onsite 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. While operational, influent and effluent groundwater to the system were sampled monthly, and results were submitted in a previous report.

### 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 the required eight consecutive quarters of compliance with BTEX groundwater standards in all monitoring wells.
- The next quarterly sampling round, sample MW-6 and RW-19, which to date have attained six and seven consecutive quarters of compliance with NMWQCC BTEX standards.

## 5.0 SUMMARY OF OPERATIONS TO DATE

Significant improvements in groundwater quality have been achieved by operation of the remediation systems at the site since 2010. All monitoring wells sampled this quarter fell below the NMWQCC standards for BTEX. Following two additional consecutive quarters of compliance with standards, the site will likely qualify for closure.

865-014-001

# 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 |

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 2015**
**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-1 | 2/17/2015 | ND | 25.37 | NA | 5586.09 | 5586.09 |
| MW-1 | 5/13/2015 | ND | 25.44 | NA | 5586.02 | 5586.02 |
| MW-1 | 8/20/2015 | ND | 25.42 | NA | 5586.04 | 5586.04 |
| MW-1 | 11/30/2015 | ND | 25.11 | NA | 5586.35 | 5586.35 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 11/14/2011 | 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 |
| 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-3 | 2/17/2015 | ND | 29.47 | NA | 5584.95 | 5584.95 |
| MW-3 | 5/13/2015 | ND | 29.51 | NA | 5584.91 | 5584.91 |
| MW-3 | 8/20/2015 | ND | 29.50 | NA | 5584.92 | 5584.92 |
| MW-3 | 11/30/2015 | ND | 29.33 | NA | 5585.09 | 5585.09 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-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-5 | 2/17/2015 | ND | 30.90 | NA | 5584.32 | 5584.32 |
| MW-5 | 5/13/2015 | ND | 30.96 | NA | 5584.26 | 5584.26 |
| MW-5 | 8/20/2015 | ND | 30.91 | NA | 5584.31 | 5584.31 |
| MW-5 | 11/30/2015 | ND | 30.66 | NA | 5584.56 | 5584.56 |
| 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 |
| 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-6 | 2/17/2015 | ND | 29.21 | NA | 5584.73 | 5584.73 |
| MW-6 | 5/13/2015 | ND | 29.26 | NA | 5584.68 | 5584.68 |
| MW-6 | 8/20/2015 | ND | 29.26 | NA | 5584.68 | 5584.68 |
| MW-6 | 11/30/2015 | ND | 28.99 | NA | 5584.95 | 5584.95 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 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 |
| 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-7 | 2/17/2015 | ND | 28.98 | NA | 5585.23 | 5585.23 |
| MW-7 | 5/13/2015 | ND | 29.04 | NA | 5585.17 | 5585.17 |
| MW-7 | 8/20/2015 | ND | 29.02 | NA | 5585.19 | 5585.19 |
| MW-7 | 11/30/2015 | ND | 28.76 | NA | 5585.45 | 5585.45 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-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-8 | 2/17/2015 | ND | 28.60 | NA | 5584.66 | 5584.66 |
| MW-8 | 5/13/2015 | ND | 28.67 | NA | 5584.59 | 5584.59 |
| MW-8 | 8/20/2015 | ND | 28.67 | NA | 5584.59 | 5584.59 |
| MW-8 | 11/30/2015 | ND | 28.38 | NA | 5584.88 | 5584.88 |
| 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 |
| 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-10 | 2/17/2015 | ND | 28.46 | NA | 5584.19 | 5584.19 |
| MW-10 | 5/13/2015 | ND | 28.51 | NA | 5584.14 | 5584.14 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 8/20/2015 | ND | 28.49 | NA | 5584.16 | 5584.16 |
| MW-10 | 11/30/2015 | ND | 28.24 | NA | 5584.41 | 5584.41 |
| 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 |
| 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 |
| MW-11 | 2/17/2015 | ND | 27.39 | NA | 5583.81 | 5583.81 |
| MW-11 | 5/13/2015 | ND | 27.43 | NA | 5583.77 | 5583.77 |
| MW-11 | 8/20/2015 | ND | 27.42 | NA | 5583.78 | 5583.78 |
| MW-11 | 11/30/2015 | ND | 27.19 | NA | 5584.01 | 5584.01 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-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-12 | 2/17/2015 | ND | 27.83 | NA | 5584.65 | 5584.65 |
| RW-12 | 5/13/2015 | ND | 27.93 | NA | 5584.55 | 5584.55 |
| RW-12 | 8/20/2015 | ND | 27.87 | NA | 5584.61 | 5584.61 |
| RW-12 | 11/30/2015 | ND | 27.63 | NA | 5584.85 | 5584.85 |
| 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 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 2/17/2015 | ND | 28.20 | NA | 5584.67 | 5584.67 |
| RW-13 | 5/13/2015 | ND | 28.31 | NA | 5584.56 | 5584.56 |
| RW-13 | 8/20/2015 | ND | 28.27 | NA | 5584.60 | 5584.60 |
| RW-13 | 11/30/2015 | ND | 27.99 | NA | 5584.88 | 5584.88 |
| 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 |
| RW-14 | 2/17/2015 | ND | 28.40 | NA | 5584.65 | 5584.65 |
| RW-14 | 5/13/2015 | ND | 28.48 | NA | 5584.57 | 5584.57 |
| RW-14 | 8/20/2015 | ND | 28.43 | NA | 5584.62 | 5584.62 |
| RW-14 | 11/30/2015 | ND | 28.19 | NA | 5584.86 | 5584.86 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 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 |
| 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-15 | 2/17/2015 | ND | 28.94 | NA | 5588.33 | 5588.33 |
| MW-15 | 5/13/2015 | ND | 29.03 | NA | 5588.24 | 5588.24 |
| MW-15 | 8/20/2015 | ND | 29.04 | NA | 5588.23 | 5588.23 |
| MW-15 | 11/30/2015 | ND | 28.65 | NA | 5588.62 | 5588.62 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-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-16 | 2/17/2015 | ND | 28.21 | NA | 5584.18 | 5584.18 |
| MW-16 | 5/13/2015 | ND | 28.25 | NA | 5584.14 | 5584.14 |
| MW-16 | 8/20/2015 | ND | 28.26 | NA | 5584.13 | 5584.13 |
| MW-16 | 11/30/2015 | ND | 27.98 | NA | 5584.41 | 5584.41 |
| 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 |
| 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 |
| MW-17 | 2/17/2015 | ND | 27.95 | NA | 5585.95 | 5585.95 |
| MW-17 | 5/13/2015 | ND | 27.92 | NA | 5585.98 | 5585.98 |
| MW-17 | 8/20/2015 | ND | 27.90 | NA | 5586.00 | 5586.00 |
| MW-17 | 11/30/2015 | ND | 27.60 | NA | 5586.30 | 5586.30 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 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 |
| 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 |
| RW-19 | 2/17/2015 | ND | 28.09 | NA | 5584.87 | 5584.87 |
| RW-19 | 5/13/2015 | ND | 28.18 | NA | 5584.78 | 5584.78 |
| RW-19 | 8/20/2015 | ND | 28.13 | NA | 5584.83 | 5584.83 |
| RW-19 | 11/30/2015 | ND | 27.88 | NA | 5585.08 | 5585.08 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-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-23 | 2/17/2015 | ND | 25.09 | NA | 5586.87 | 5586.87 |
| MW-23 | 5/13/2015 | ND | 25.15 | NA | 5586.81 | 5586.81 |
| MW-23 | 8/20/2015 | ND | 25.12 | NA | 5586.84 | 5586.84 |
| MW-23 | 11/30/2015 | ND | 24.81 | NA | 5587.15 | 5587.15 |
| 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 |
| 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-24 | 2/17/2015 | ND | 25.88 | NA | 5585.65 | 5585.65 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 5/13/2015 | ND | 25.92 | NA | 5585.61 | 5585.61 |
| MW-24 | 8/20/2015 | ND | 25.89 | NA | 5585.64 | 5585.64 |
| MW-24 | 11/30/2015 | ND | 25.65 | NA | 5585.88 | 5585.88 |
| 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-25 | 2/17/2015 | ND | 28.50 | NA | 5584.94 | 5584.94 |
| MW-25 | 5/13/2015 | ND | 28.56 | NA | 5584.88 | 5584.88 |
| MW-25 | 8/20/2015 | ND | 28.54 | NA | 5584.90 | 5584.90 |
| MW-25 | 11/30/2015 | ND | 28.28 | NA | 5585.16 | 5585.16 |
| 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 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 5/26/2011 | 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-26 | 2/17/2015 | ND | 28.24 | NA | 5586.03 | 5586.03 |
| MW-26 | 5/13/2015 | ND | 28.30 | NA | 5585.97 | 5585.97 |
| MW-26 | 8/20/2015 | ND | 28.27 | NA | 5586.00 | 5586.00 |
| MW-26 | 11/30/2015 | ND | 27.99 | NA | 5586.28 | 5586.28 |
| 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 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 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-27 | 2/17/2015 | ND | 25.89 | NA | 5583.91 | 5583.91 |
| MW-27 | 5/13/2015 | ND | 25.93 | NA | 5583.87 | 5583.87 |
| MW-27 | 8/20/2015 | ND | 25.94 | NA | 5583.86 | 5583.86 |
| MW-27 | 11/30/2015 | ND | 25.70 | NA | 5584.10 | 5584.10 |
| 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-28 | 2/17/2015 | ND | 26.29 | NA | 5583.63 | 5583.63 |
| MW-28 | 5/13/2015 | ND | 26.33 | NA | 5583.59 | 5583.59 |
| MW-28 | 8/20/2015 | ND | 26.35 | NA | 5583.57 | 5583.57 |
| MW-28 | 11/30/2015 | ND | 26.11 | NA | 5583.81 | 5583.81 |
| MW-29 | 3/22/2010 | ND | 26.90 | NA | 5583.20 | 5583.20 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 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 |
| 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-29 | 2/17/2015 | ND | 27.27 | NA | 5582.83 | 5582.83 |
| MW-29 | 5/13/2015 | ND | 27.31 | NA | 5582.79 | 5582.79 |
| MW-29 | 8/20/2015 | ND | 27.32 | NA | 5582.78 | 5582.78 |
| MW-29 | 11/30/2015 | ND | 27.10 | NA | 5583.00 | 5583.00 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 5/26/2011 | 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 |
| 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 |
| MW-30 | 2/17/2015 | ND | 27.19 | NA | 5583.42 | 5583.42 |
| MW-30 | 5/13/2015 | ND | 27.22 | NA | 5583.39 | 5583.39 |
| MW-30 | 8/20/2015 | ND | 27.20 | NA | 5583.41 | 5583.41 |
| MW-30 | 11/30/2015 | ND | 26.99 | NA | 5583.62 | 5583.62 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-32 | 11/17/2014 | ND | 28.22 | NA | 5584.85 | 5584.85 |
| RW-32 | 2/17/2015 | ND | 28.18 | NA | 5584.89 | 5584.89 |
| RW-32 | 5/13/2015 | ND | 28.27 | NA | 5584.80 | 5584.80 |
| RW-32 | 8/20/2015 | ND | 28.23 | NA | 5584.84 | 5584.84 |
| RW-32 | 11/30/2015 | ND | 27.96 | NA | 5585.11 | 5585.11 |
| 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 |
| 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 |
| RW-33 | 2/17/2015 | ND | 27.79 | NA | 5584.74 | 5584.74 |
| RW-33 | 5/13/2015 | ND | 28.84 | NA | 5583.69 | 5583.69 |
| RW-33 | 8/20/2015 | ND | 28.80 | NA | 5583.73 | 5583.73 |
| RW-33 | 11/30/2015 | ND | 27.55 | NA | 5584.98 | 5584.98 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-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-34 | 2/17/2015 | ND | 27.25 | NA | 5582.09 | 5582.09 |
| MW-34 | 5/13/2015 | ND | 27.28 | NA | 5582.06 | 5582.06 |
| MW-34 | 8/20/2015 | ND | 27.25 | NA | 5582.09 | 5582.09 |
| MW-34 | 11/30/2015 | ND | 27.11 | NA | 5582.23 | 5582.23 |
| 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 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 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-35 | 2/17/2015 | ND | 25.96 | NA | 5585.97 | 5585.97 |
| MW-35 | 5/13/2015 | ND | 26.01 | NA | 5585.92 | 5585.92 |
| MW-35 | 8/20/2015 | ND | 25.98 | NA | 5585.95 | 5585.95 |
| MW-35 | 11/30/2015 | ND | 25.76 | NA | 5586.17 | 5586.17 |
| 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 |
| 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-36 | 2/17/2015 | ND | 29.39 | NA | 5583.14 | 5583.14 |
| MW-36 | 5/13/2015 | ND | 29.47 | NA | 5583.06 | 5583.06 |
| MW-36 | 8/20/2015 | ND | 29.50 | NA | 5583.03 | 5583.03 |
| MW-36 | 11/30/2015 | ND | 29.16 | NA | 5583.37 | 5583.37 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-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-38 | 2/17/2015 | ND | 20.76 | NA | 5580.23 | 5580.23 |
| MW-38 | 5/13/2015 | ND | 20.77 | NA | 5580.22 | 5580.22 |
| MW-38 | 8/20/2015 | ND | 20.78 | NA | 5580.21 | 5580.21 |
| MW-38 | 11/30/2015 | ND | 20.64 | NA | 5580.35 | 5580.35 |
| 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 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 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-39 | 2/17/2015 | ND | 20.07 | NA | 5579.93 | 5579.93 |
| MW-39 | 5/13/2015 | ND | 20.05 | NA | 5579.95 | 5579.95 |
| MW-39 | 8/20/2015 | ND | 20.08 | NA | 5579.92 | 5579.92 |
| MW-39 | 11/30/2015 | ND | 19.93 | NA | 5580.07 | 5580.07 |
| 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-40 | 2/17/2015 | ND | 20.44 | NA | 5579.91 | 5579.91 |
| MW-40 | 5/13/2015 | ND | 20.43 | NA | 5579.92 | 5579.92 |
| MW-40 | 8/20/2015 | ND | 20.47 | NA | 5579.88 | 5579.88 |
| MW-40 | 11/30/2015 | ND | 20.41 | NA | 5579.94 | 5579.94 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 11/15/2010 | 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 |
| 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-41 | 2/17/2015 | ND | 24.79 | NA | 5580.17 | 5580.17 |
| MW-41 | 5/13/2015 | ND | 24.81 | NA | 5580.15 | 5580.15 |
| MW-41 | 8/20/2015 | ND | 24.78 | NA | 5580.18 | 5580.18 |
| MW-41 | 11/30/2015 | ND | 24.69 | NA | 5580.27 | 5580.27 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-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-42 | 2/17/2015 | ND | 28.09 | NA | 5581.45 | 5581.45 |
| MW-42 | 5/13/2015 | ND | 28.15 | NA | 5581.39 | 5581.39 |
| MW-42 | 8/20/2015 | ND | 28.14 | NA | 5581.40 | 5581.40 |
| MW-42 | 11/30/2015 | ND | 27.99 | NA | 5581.55 | 5581.55 |
| 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 |
| 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-43 | 2/17/2015 | ND | 27.82 | NA | 5581.53 | 5581.53 |
| MW-43 | 5/13/2015 | ND | 27.83 | NA | 5581.52 | 5581.52 |
| MW-43 | 8/20/2015 | ND | 27.83 | NA | 5581.52 | 5581.52 |
| MW-43 | 11/30/2015 | ND | 27.67 | NA | 5581.68 | 5581.68 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-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-44 | 2/17/2015 | ND | 21.94 | NA | 5580.80 | 5580.80 |
| MW-44 | 5/13/2015 | ND | 20.97 | NA | 5581.77 | 5581.77 |
| MW-44 | 8/20/2015 | ND | 20.99 | NA | 5581.75 | 5581.75 |
| MW-44 | 11/30/2015 | ND | 21.82 | NA | 5580.92 | 5580.92 |
| 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 |
| 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-45 | 2/17/2015 | ND | 27.55 | NA | 5581.85 | 5581.85 |
| MW-45 | 5/13/2015 | ND | 27.57 | NA | 5581.83 | 5581.83 |
| MW-45 | 8/20/2015 | ND | 27.59 | NA | 5581.81 | 5581.81 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 11/30/2015 | ND | 27.40 | NA | 5582.00 | 5582.00 |
| 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-46 | 2/17/2015 | ND | NA | NA | NA | NA |
| MW-46 | 5/13/2015 | ND | NA | NA | NA | NA |
| MW-46 | 8/20/2015 | ND | NA | NA | NA | NA |
| MW-46 | 11/30/2015 | NA | 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 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 11/17/2014 | ND | 23.55 | NA | 5580.85 | 5580.85 |
| MW-47 | 2/17/2015 | ND | 23.54 | NA | 5580.86 | 5580.86 |
| MW-47 | 5/13/2015 | ND | 23.54 | NA | 5580.86 | 5580.86 |
| MW-47 | 8/20/2015 | ND | 23.52 | NA | 5580.88 | 5580.88 |
| MW-47 | 11/30/2015 | NA | 23.41 | NA | 5580.99 | NA |
| 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-48 | 2/17/2015 | ND | NA | NA | NA | NA |
| MW-48 | 5/13/2015 | ND | NA | NA | NA | NA |
| MW-48 | 8/20/2015 | ND | NA | NA | NA | NA |
| MW-48 | 11/30/2015 | NA | 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 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 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 |
| MW-51 | 2/17/2015 | ND | NA | NA | NA | NA |
| MW-51 | 5/13/2015 | ND | NA | NA | NA | NA |
| MW-51 | 8/20/2015 | ND | NA | NA | NA | NA |
| MW-51 | 11/30/2015 | NA | 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-49 | 2/17/2015 | ND | NA | NA | NA | NA |
| RW-49 | 5/13/2015 | ND | NA | NA | NA | NA |
| RW-49 | 8/20/2015 | ND | NA | NA | NA | NA |
| RW-49 | 11/30/2015 | NA | 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 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 |
| RW-50 | 11/17/2014 | ND | NA | NA | NA | NA |
| RW-50 | 2/17/2015 | ND | NA | NA | NA | NA |
| RW-50 | 5/13/2015 | ND | NA | NA | NA | NA |
| RW-50 | 8/20/2015 | ND | NA | NA | NA | NA |
| RW-50 | 11/30/2015 | NA | 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-52 | 2/17/2015 | ND | NA | NA | NA | NA |
| RW-52 | 5/13/2015 | ND | NA | NA | NA | NA |
| RW-52 | 8/20/2015 | ND | NA | NA | NA | NA |
| RW-52 | 11/30/2015 | NA | 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-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-53 | 2/17/2015 | ND | NA | NA | NA | NA |
| RW-53 | 5/13/2015 | ND | NA | NA | NA | NA |
| RW-53 | 8/20/2015 | ND | NA | NA | NA | NA |
| RW-53 | 11/30/2015 | NA | 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 |
| 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 |
| RW-54 | 2/17/2015 | ND | NA | NA | NA | NA |
| RW-54 | 5/13/2015 | ND | NA | NA | NA | NA |
| RW-54 | 8/20/2015 | ND | NA | NA | NA | NA |
| RW-54 | 11/30/2015 | NA | 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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-55 | 8/21/2014 | ND | NA | NA | NA | NA |
| MW-55 | 11/17/2014 | ND | NA | NA | NA | NA |
| MW-55 | 2/17/2015 | ND | NA | NA | NA | NA |
| MW-55 | 5/13/2015 | ND | NA | NA | NA | NA |
| MW-55 | 8/20/2015 | ND | NA | NA | NA | NA |
| MW-55 | 11/30/2015 | NA | 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-56 | 2/17/2015 | ND | NA | NA | NA | NA |
| MW-56 | 5/13/2015 | ND | NA | NA | NA | NA |
| MW-56 | 8/20/2015 | ND | NA | NA | NA | NA |
| MW-56 | 11/30/2015 | NA | 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 |
| 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 |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 11/17/2014 | ND | NA | NA | NA | NA |
| MW-58 | 2/17/2015 | ND | NA | NA | NA | NA |
| MW-58 | 5/13/2015 | ND | NA | NA | NA | NA |
| MW-58 | 8/20/2015 | ND | NA | NA | NA | NA |
| MW-58 | 11/30/2015 | NA | 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-59 | 2/17/2015 | ND | NA | NA | NA | NA |
| MW-59 | 5/13/2015 | ND | NA | NA | NA | NA |
| MW-59 | 8/20/2015 | ND | NA | NA | NA | NA |
| MW-59 | 11/30/2015 | NA | 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 |
| MW-60 | 8/21/2014 | ND | NA | NA | NA | NA |
| MW-60 | 11/17/2014 | ND | NA | NA | NA | NA |
| MW-60 | 5/13/2015 | ND | NA | NA | NA | NA |
| MW-60 | 8/20/2015 | ND | NA | NA | NA | NA |

**TABLE 2. FLUID LEVELS, DECEMBER 2009 - NOVEMBER 2015**
**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 | 11/30/2015 | NA | 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 |
| | 08/21/14 | ND(1) | ND(1) | ND(1) | ND(2) |
| | 11/19/14 | ND(1) | ND(1) | 1.1 | ND(2) |
| | 02/19/15 | ND(1) | ND(1) | ND(1) | ND(2) |
| | 05/13/15 | ND(1) | ND(1) | ND(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** |
| 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-5 | 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** |
| 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) |
| | 02/19/15 | ND(1) | ND(1) | 11 | 7.9 |
| | 05/13/15 | ND(1) | ND(1) | 1.8 | ND(2) |
| | 08/20/15 | ND(1) | ND(1) | ND(1) | ND(1.5) |
| | 11/30/15 | ND(1) | ND(1) | ND(1) | 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 |
| 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-8 | 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) |
| | 02/19/15 | ND(1) | ND(1) | ND(1) | ND(2) |
| | 05/13/15 | ND(1) | ND(1) | ND(1) | ND(2) |
| 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** |
| | 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) |
| 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-11 | 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** |
| | 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 |
| | 02/19/15 | ND(1) | ND(1) | 7.3 | 14 |
| RW-12 Dup | 02/19/15 | ND(1) | ND(1) | 7 | 13 |
| RW-12 | 05/13/15 | ND(1) | ND(1) | 2.7 | 2.7 |
| | 08/20/15 | ND(1) | ND(1) | 2.9 | 2.2 |
| | 11/30/15 | ND(1) | ND(1) | ND(1) | ND(2) |
| 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) |
| | 02/19/15 | ND(1) | ND(1) | ND(1) | 2.8 |
| | 05/13/15 | 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 |
| 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-14 | 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 |
| | 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** |
| 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 |
| 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) |
|---|---|---|---|---|---|
| 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 |
| | 02/19/15 | ND(1) | 1.8 | 5.1 | 23 |
| RW-19 Dup | 05/13/15 | ND(1) | 1.4 | 2.2 | 5.3 |
| RW-19 | 05/13/15 | ND(1) | 1.3 | 2.2 | 5.3 |
| | 08/20/15 | ND(1) | 1.2 | ND(1) | 3.6 |
| | 11/30/15 | ND(1) | ND(1) | 1.5 | 3.5 |
| 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) |
| | 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) |
| 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-27 | 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) |
| | 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 |
| | 08/20/11 | **27.5** | ND(1) | 2.5 | 18.8 |
| 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
- 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-30 | 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 |
| | 02/19/15 | ND(1) | ND(1) | 3.1 | 11 |
| | 05/13/15 | ND(1) | ND(1) | ND(1) | ND(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 |
| | 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 |
| 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-34 | 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** |
| | 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) |
| MW-38 | 06/02/10 | 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-38 | 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) |
| | 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) |
| 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-41 | 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 |
| | 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) |
| | 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) |
| 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-44 | 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) |
| | 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) |
| 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-48 | 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 |
| | 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) |
| 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) |
| 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-56 | 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) |
| | 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) |
| NMWQCC GROUNDWATER | | 10 | 750 | 750 | 620 |

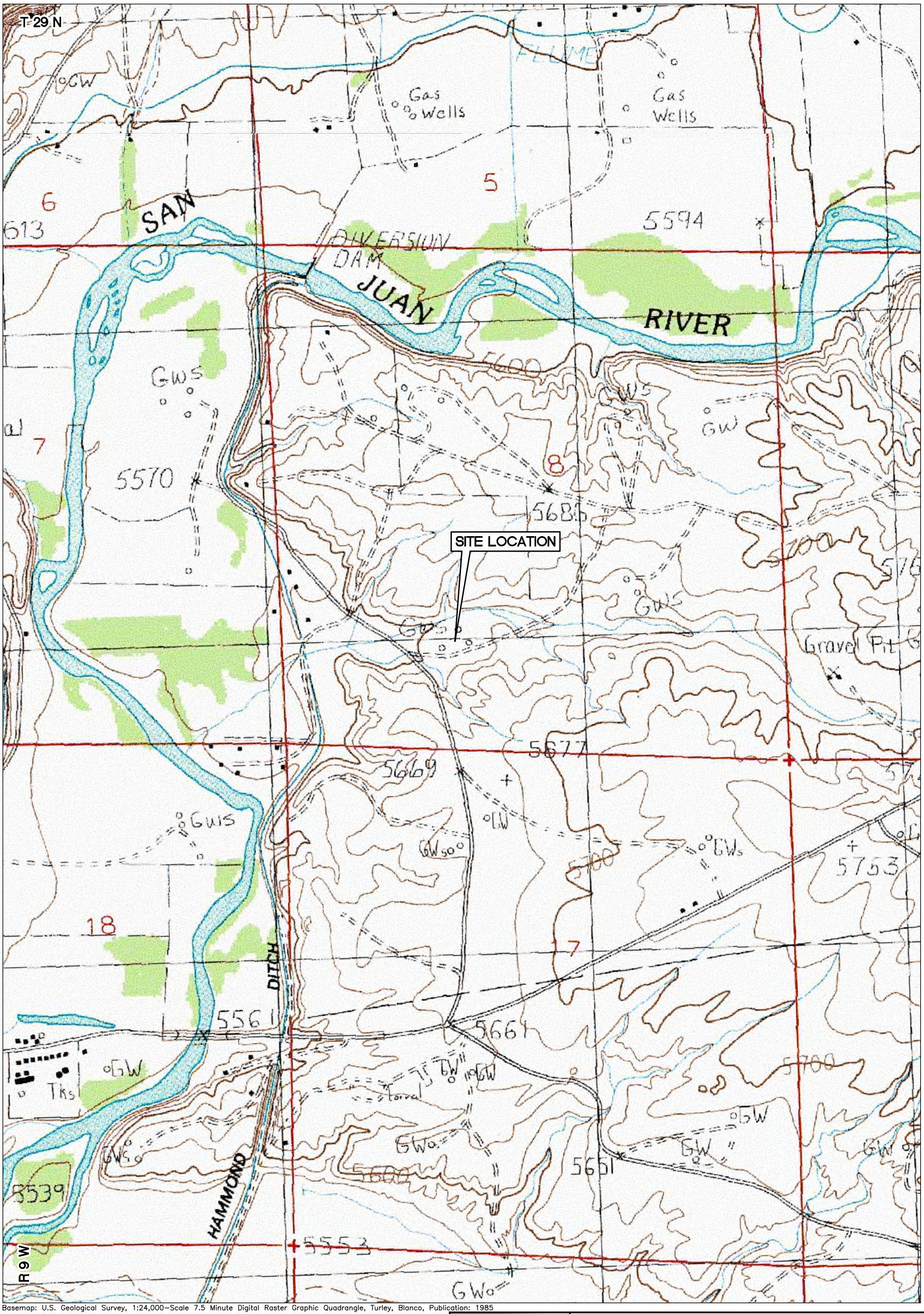
Notes:
ug/L - micrograms per liter
ND(1) - not detected, with detection limit (ug/L)
NMWQCC - New Mexico Water Quality Control Commission groundwater standards
- Data collected prior to June 2010 and on 7/6/10, 7/16/10,
8/19/10, 8/23/10, and after November 2010 based on bailer sampling completed by Blagg 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) |
|---|---|---|---|---|---|
| Trip Blank | 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




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

**NOTE:**

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


Trihydro CORPORATION
1252 Commerce Drive
Laramie, Wyoming 82070
www.trihydro.com
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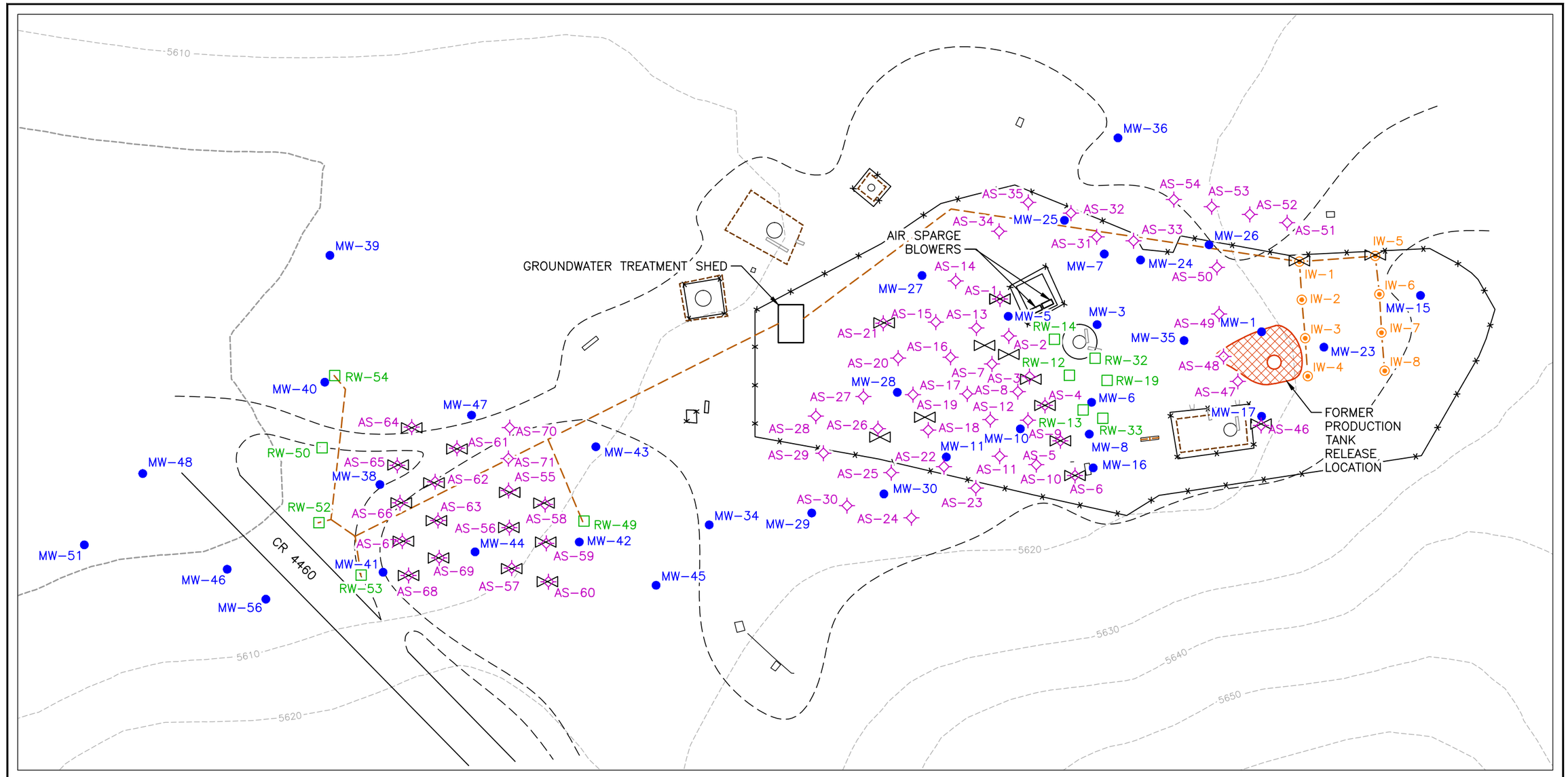
**FIGURE 1**

**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: 10/18/2010 | File: 865USGSLOC-201010 |
|---|---|---|---|---|




## 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: 3/9/15 | File: 865-SITEPLAN201503 |
|---|---|---|---|---|

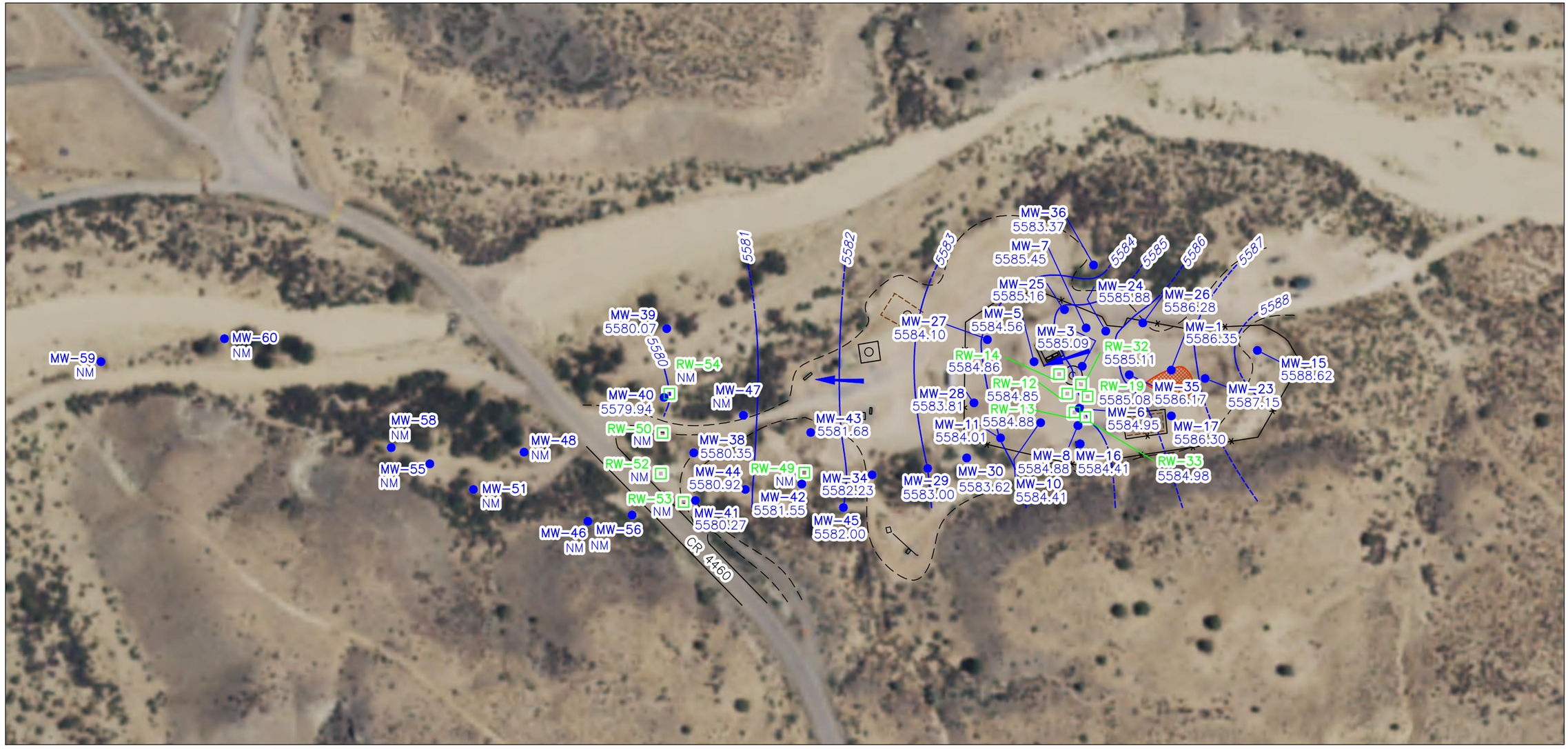


Image Cite: USDA–FSA Aerial Photography Field Office, 2014 NAIP, Aerial Photography: August 19, 2014

## EXPLANATION

- MW–41 5580.27 — MONITORING WELL AND DESIGNATION SHOWING GROUNDWATER ELEVATION IN FT AMSL
- RW–53 NM — RECOVERY WELL AND DESIGNATION SHOWING GROUNDWATER ELEVATION IN FT AMSL
- 5580 — 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 2015)**

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

| Drawn By: REP | Checked By: JP | Scale: 1" = 150' | Date: 6/1/2016 | File: 865-PS-201511 |
|---|---|---|---|---|

M:\QTOB\BPAMERICAPROD\CADD_MONITORING\201605_DEC2015QREPORT\865-PS-201511

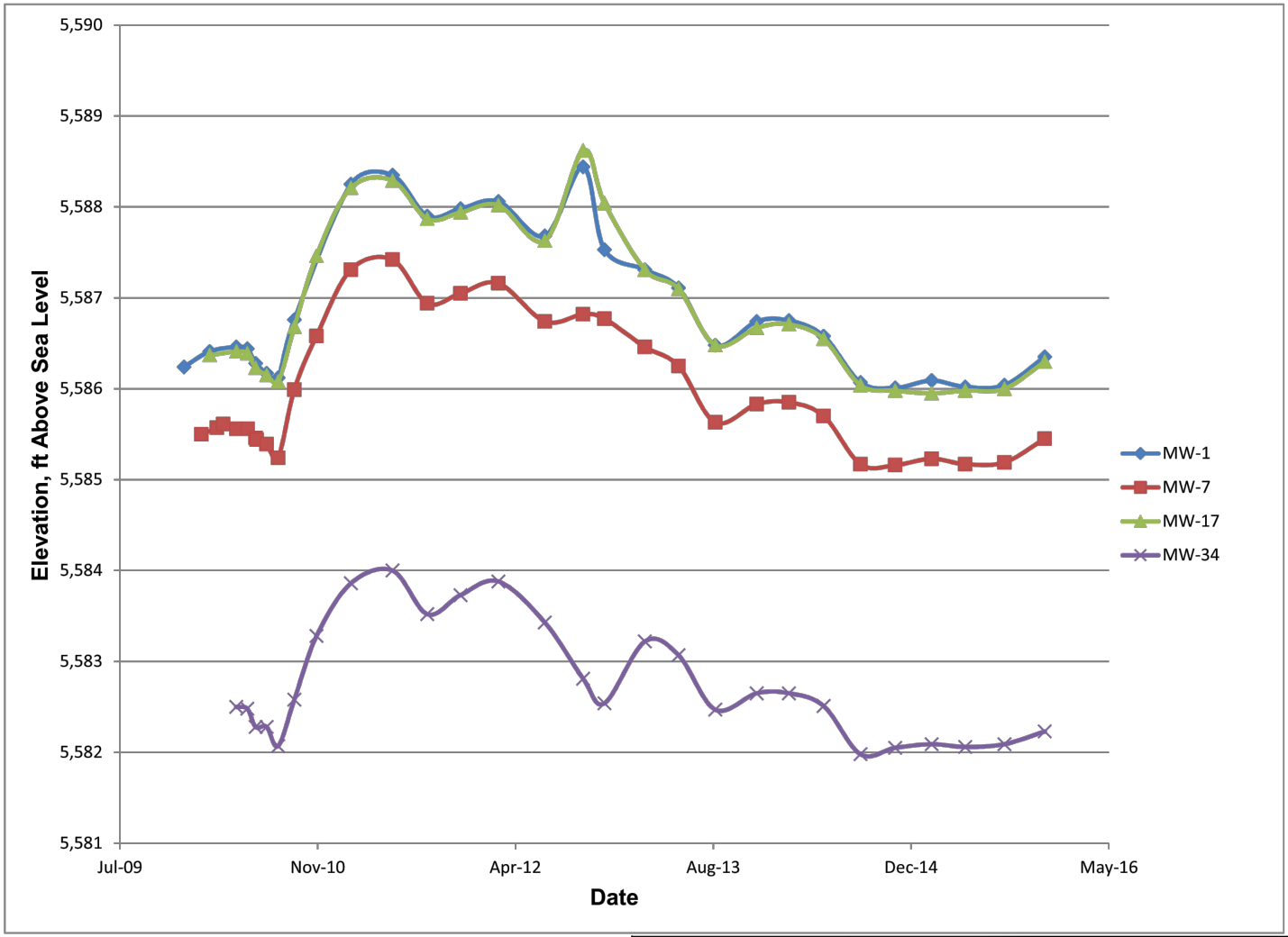


**FIGURE 4**

**MONITORING WELL HYDROGRAPHS (NOVEMBER 2015)**

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

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Laramie, Wyoming 82070
www.trihydro.com
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| Drawn By: REP | Checked By: JP | Scale: NONE | Date: 6/1/2016 | File: 865-HYDROGRAPHS201511 |
|---|---|---|---|---|

M:\DTOB\BPAMERICAPROD\CADD__MONITORING\201605_DEC2015QREPORT\865-HYDROGRAPHS201511

| RW-12 | 11/19/14 | 2/19/15 | 5/13/15 | 8/28/15 | 11/30/15 |
|---|---|---|---|---|---|
| B | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) |
| T | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) |
| E | 5.8 | 7.3 | 2.7 | 2.9 | ND(1) |
| X | 18 | 14 | 2.7 | 2.2 | ND(2) |

| RW-19 | 11/19/14 | 2/19/15 | 5/13/15 | 8/28/15 | 11/30/15 |
|---|---|---|---|---|---|
| B | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) |
| T | 2.5 | 1.8 | 1.3 | 1.2 | ND(1) |
| E | 18 | 5.1 | 2.2 | ND(1) | 1.5 |
| X | 530 | 23 | 5.3 | 3.6 | 3.5 |

| MW-6 | 11/19/14 | 2/19/15 | 5/13/15 | 8/28/15 | 11/30/15 |
|---|---|---|---|---|---|
| B | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) |
| T | ND(1) | ND(1) | ND(1) | ND(1) | ND(1) |
| E | 4.6 | 11 | 1.8 | ND(1) | ND(1) |
| X | ND(2) | 7.9 | ND(2) | ND(2) | ND(2) |

MW-59 MW-60 MW-39 MW-55 MW-58 MW-40 RW-54 MW-47 MW-48 MW-38 RW-50 MW-51 RW-52 MW-46 MW-41 MW-56 RW-53 MW-44 MW-43 RW-49 MW-42 MW-45 MW-34 MW-29 MW-30 MW-36 MW-25 MW-7 MW-26 MW-24 MW-27 RW-14 MW-3 MW-5 RW-12 MW-6 RW-13 MW-28 MW-10 MW-11 MW-8 MW-16 RW-32 RW-19 RW-33 MW-35 MW-1 MW-15 MW-23 MW-17

## 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-6 | 11/30/15 |
|---|---|
| B (Benzene) | 10 |
| T (Toluene) | 750 |
| E (Ethylbenzene) | 750 |
| X (Xylenes, Total) | 620 |

SAMPLE DATE

NMWQCC GW STANDARDS (ppb)

## 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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**FIGURE 5**

**GROUNDWATER QUALITY DATA SUMMARY - BTEX (NOVEMBER 2015)**

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

| Drawn By: REP | Checked By: JP | Scale: 1" = 150' | Date: 6/1/2016 | File: 865-MW-RW-BTEX-201511 |
|---|---|---|---|---|

M:\0TOB\BPAMERICAPROD\CAD2D_MONITORING\201605_DEC2015REPORT\865-MW-RW-BTEX-201511

Figure 6 Benzene Concentration Trends Central Wells

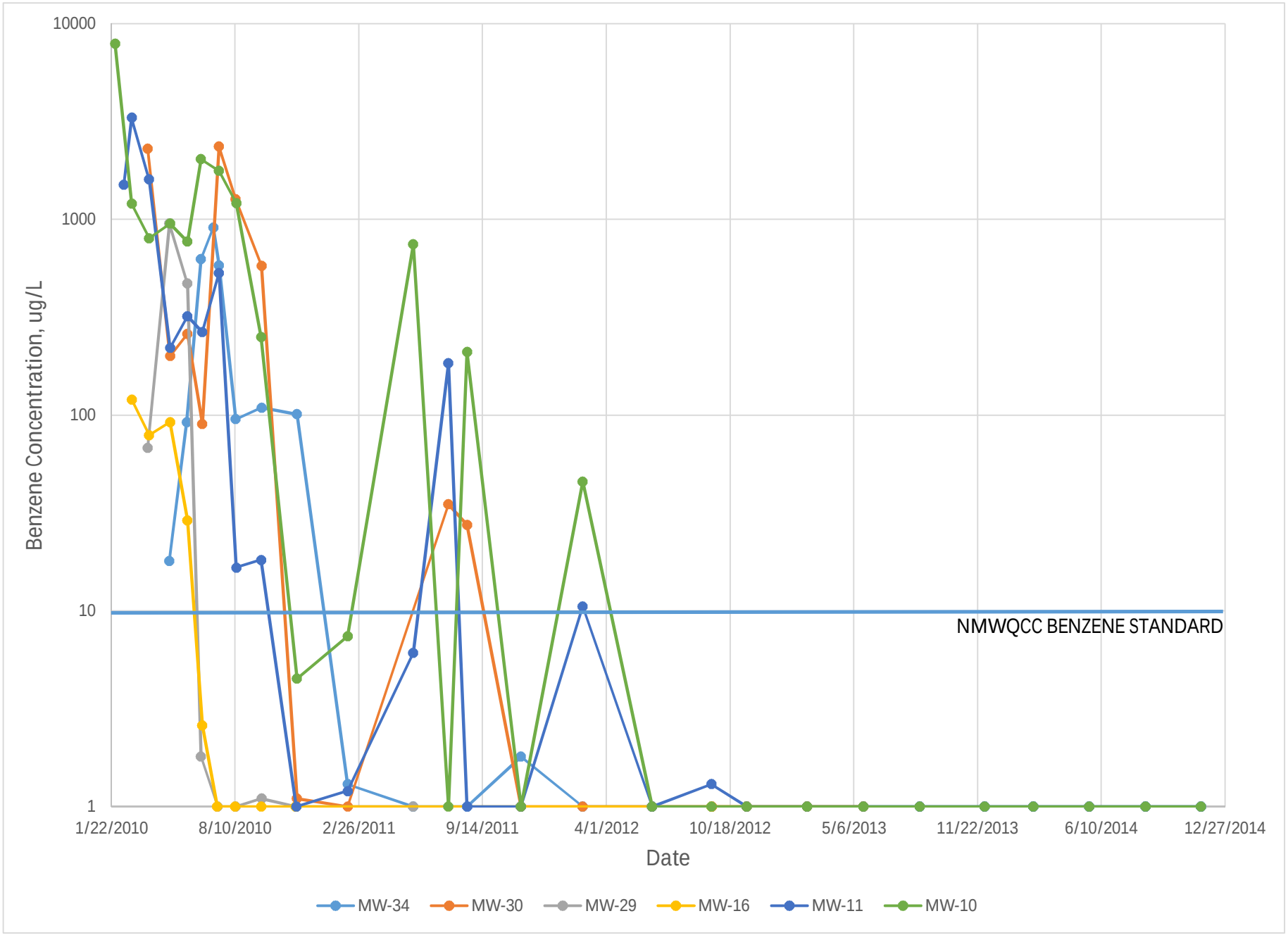


Figure 7 Benzene Concentration Trends North Wells

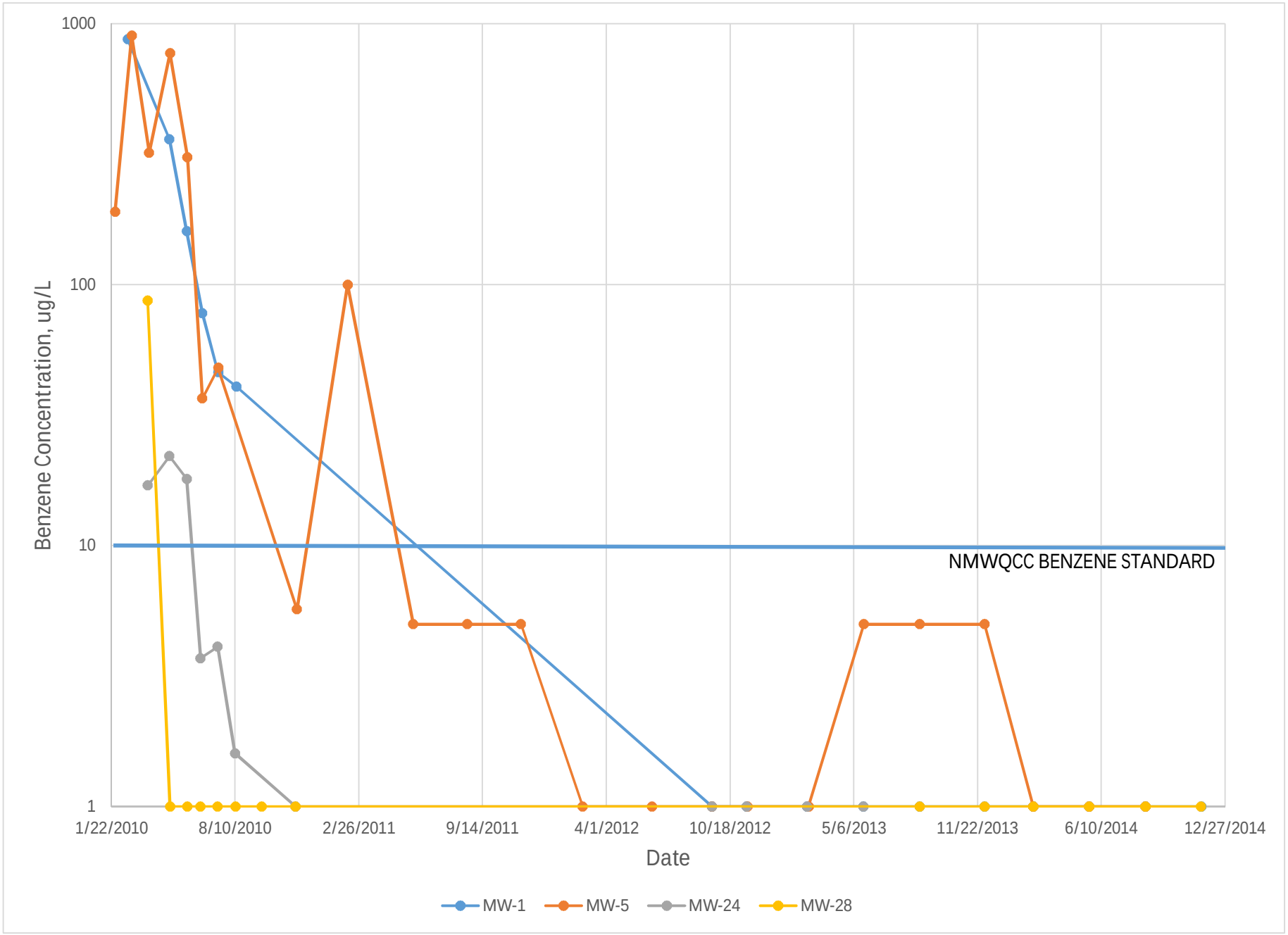
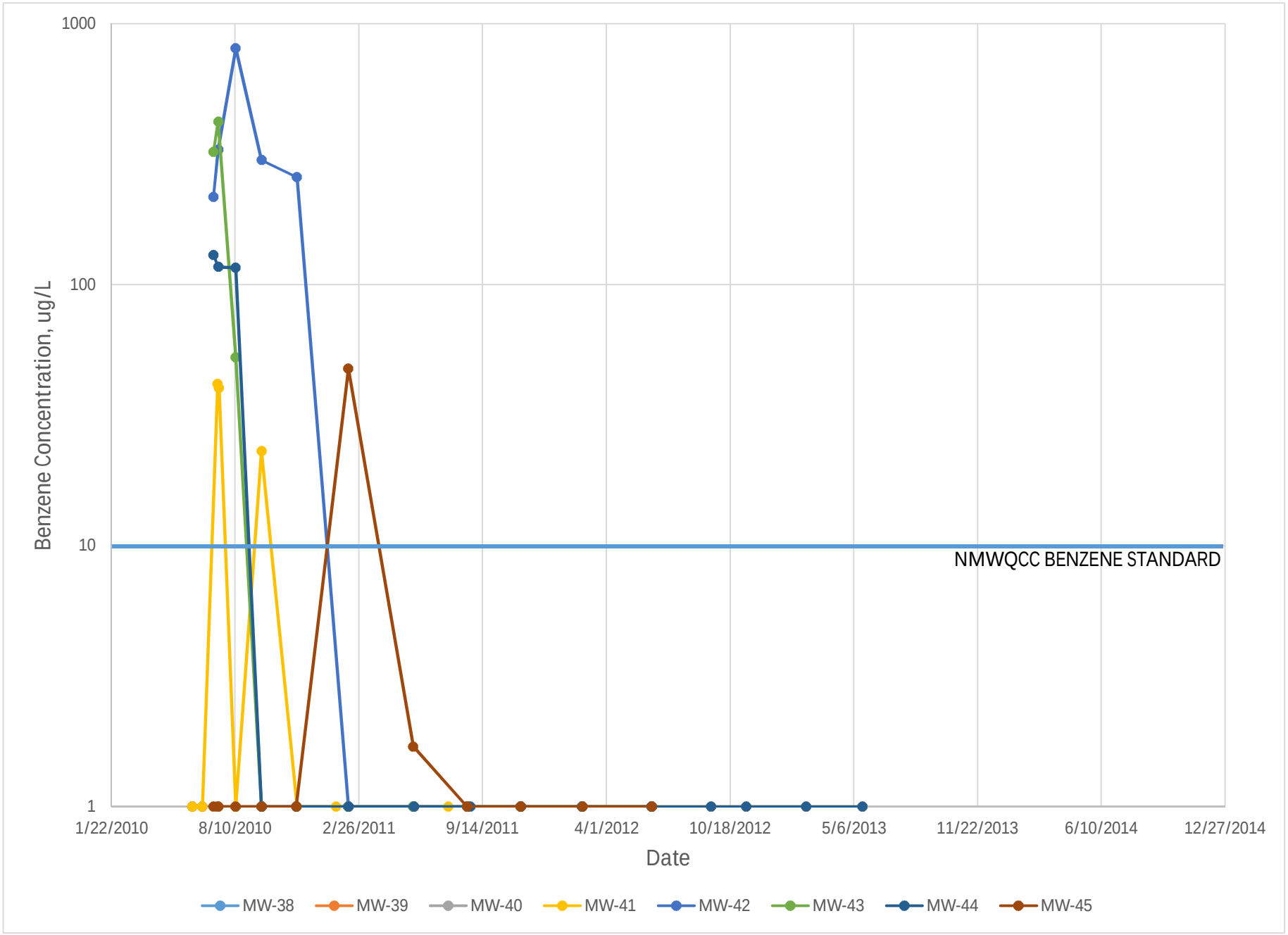


Figure 8 Benzene Concentration Trends West Wells



# 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 07, 2015

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.: 1512067

Dear Nelson Velez:

Hall Environmental Analysis Laboratory received 3 sample(s) on 12/2/2015 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

**Analytical Report**
Lab Order **1512067**
Date Reported: **12/7/2015**

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Blagg Engineering
**Client Sample ID:** MW #6
**Project:** HEATH GC G #1
**Collection Date:** 11/30/2015 1:20:00 PM
**Lab ID:** 1512067-001
**Matrix:** AQUEOUS
**Received Date:** 12/2/2015 8:45:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 12/2/2015 12:36:47 PM | B30591 |
| Toluene | ND | 1.0 | | µg/L | 1 | 12/2/2015 12:36:47 PM | B30591 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 12/2/2015 12:36:47 PM | B30591 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 12/2/2015 12:36:47 PM | B30591 |
| Surr: 4-Bromofluorobenzene | 127 | 65-127 | S | %REC | 1 | 12/2/2015 12:36:47 PM | B30591 |

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

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Blagg Engineering
**Client Sample ID:** RW #12
**Project:** HEATH GC G #1
**Collection Date:** 11/30/2015 2:25:00 PM
**Lab ID:** 1512067-002
**Matrix:** AQUEOUS
**Received Date:** 12/2/2015 8:45:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 12/2/2015 1:01:38 PM | B30591 |
| Toluene | ND | 1.0 | | µg/L | 1 | 12/2/2015 1:01:38 PM | B30591 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 12/2/2015 1:01:38 PM | B30591 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 12/2/2015 1:01:38 PM | B30591 |
| Surr: 4-Bromofluorobenzene | 140 | 65-127 | S | %REC | 1 | 12/2/2015 1:01:38 PM | B30591 |

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

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Blagg Engineering
**Client Sample ID:** RW #19
**Project:** HEATH GC G #1
**Collection Date:** 11/30/2015 3:25:00 PM
**Lab ID:** 1512067-003
**Matrix:** AQUEOUS
**Received Date:** 12/2/2015 8:45:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 1.0 | | µg/L | 1 | 12/2/2015 1:26:28 PM | B30591 |
| Toluene | ND | 1.0 | | µg/L | 1 | 12/2/2015 1:26:28 PM | B30591 |
| Ethylbenzene | 1.5 | 1.0 | | µg/L | 1 | 12/2/2015 1:26:28 PM | B30591 |
| Xylenes, Total | 3.5 | 2.0 | | µg/L | 1 | 12/2/2015 1:26:28 PM | B30591 |
| Surr: 4-Bromofluorobenzene | 140 | 65-127 | S | %REC | 1 | 12/2/2015 1:26:28 PM | B30591 |

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

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1512067**

***07-Dec-15***

**Client:** Blagg Engineering
**Project:** HEATH GC G #1

| Sample ID | **5ML RB** | SampType: | **MBLK** | TestCode: | **EPA Method 8021B: Volatiles** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBW** | Batch ID: | **B30591** | RunNo: | **30591** | | | | | |
| Prep Date: | | Analysis Date: | **12/2/2015** | SeqNo: | **933847** | 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 | 65 | 127 | | | |

| Sample ID | **100NG BTEX LCS** | SampType: | **LCS** | TestCode: | **EPA Method 8021B: Volatiles** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSW** | Batch ID: | **B30591** | RunNo: | **30591** | | | | | |
| Prep Date: | | Analysis Date: | **12/2/2015** | SeqNo: | **933848** | Units: | **µg/L** | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 21 | 1.0 | 20.00 | 0 | 104 | 80 | 120 | | | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 96.1 | 80 | 120 | | | |
| Ethylbenzene | 19 | 1.0 | 20.00 | 0 | 96.9 | 80 | 120 | | | |
| Xylenes, Total | 56 | 2.0 | 60.00 | 0 | 93.7 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 25 | | 20.00 | | 125 | 65 | 127 | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

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: **1512067** RcptNo: 1

Received by/date: LM 12/02/15

Logged By: **Joe Archuleta** 12/2/2015 8:45:00 AM

Completed By: **Joe Archuleta** 12/2/2015 10:38:18 AM

Reviewed By: IO 12/02/15

## 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 ☐ | # of preserved bottles checked for pH: (<2 or >12 unless noted) |
| 13. Are matrices correctly identified on Chain of Custody? | Yes ☑ | No ☐ | Adjusted? |
| 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 ☐ | 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 | 1.2 | Good | Yes | | | |

# Chain-of-Custody Record

ent: BLAGG ENGR. / BP AMERICA

ailing Address: P.O. BOX 87

BLOOMFIELD, NM 87413

one #: (505) 632-1199

ail or Fax#:

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

creditation: 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 NV

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.2

**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. 1512067 |
|---|---|---|---|---|---|---|
| /30/15 | 1320 | WATER | MW # 6 | 40 ml VOA - 2 | HCl & Cool | -001 |
| /30/15 | 1425 | WATER | RW # 12 | 40 ml VOA - 2 | HCl & Cool | -002 |
| /30/15 | 1525 | WATER | RW # 19 | 40 ml VOA - 2 | HCl & Cool | -003 |

Analysis Request

| 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 | Air Bubbles (Y or N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ✓ | | | | | | | | | | | | | ✓ | | |
| ✓ | | | | | | | | | | | | | ✓ | | |
| ✓ | | | | | | | | | | | | | ✓ | | |

| te: | Time: | Relinquished by: | Received by: | Date | Time |
|---|---|---|---|---|---|
| 2/1/15 | 1345 | | | 12/1/15 | 1345 |
| te: | Time: | Relinquished by: | Received by: | Date | Time |
| 1/15 | 1900 | | | 12/02/15 | 0845 |

Remarks: **Page 1 of 1**

**BILL DIRECTLY TO BP:**

~~Jeff Peace~~, 200 Energy Court, Farmington, NM 87401

Steve Hotel

~~Paykey~~: VHIXONEVRM

VD 12/4