



## **POWERTECH (USA) INC.**

January 8, 2013

Mr. Russ Means  
Environmental Protection Specialist  
Division of Reclamation, Mining and Safety  
101 South 3<sup>rd</sup>, Suite 301  
Grand Junction, CO 81501

Dear Mr. Means:

**Transmittal  
Notice of Intent to Conduct Prospecting  
Centennial Project, Weld County, Colorado**

Powertech (USA) Inc. (Powertech) is pleased to submit this Activity Report to document finalization of activities associated with Modification No. 2 to Notice of Intent (NOI) to Conduct Prospecting No. P-2007-015, for the Centennial Project in Weld County, Colorado. This second modification was submitted to DRMS on September 12, 2012.

As described in this NOI, the proposed prospecting activities consisted of plugging and abandoning four 2-inch, pump test wells. The locations of these pump test wells are shown in Attachment A. Attachment B is the Well Plugging Procedure used in this activity. This procedure has been reviewed by Lloyd Nolan, Chief Well Inspector for the State Engineer's Office and found to acceptable as meeting the standards of their *Rule 16 - Standards for Plugging, Sealing, and Abandoning Wells and Boreholes*. Attachment C contains photographs and descriptions of abandonment activities. Attachment D contains copies of the four Well Abandonment Reports submitted to the State Engineer's Office.

### **ACTIVITY REPORT**

On November 6 and 7, 2012, Powertech plugged and abandoned four 2-inch pump test wells located on the Centennial Project (Attachment A). These wells were completed in the Laramie-Fox Hills Aquifer, were not sampled as part of the project's environmental baseline and were of no further use to the project. On site during this abandonment process were 1) James A. Bonner – Powertech, 2) Frank Lichnovsky – Chief Geologist, Powertech and 3) Steve Long – contract equipment operator from Ft. Collins, CO. Plugging procedures, as documented in the Well Plugging Procedure (Attachment B) were followed during this abandonment process.

### Plugging and Abandoning Activities

1. Each pump test well had a cement pad at the surface which surrounded the well head. Each of these surface pads were approximately 36 inches in diameter and 4-6 inches thick. The first step in the abandonment process was to break up this cement pad using a sledge hammer. The cement pieces were then picked up and disposed.
2. A backhoe was then used to excavate the ground surrounding the well head to a depth of 30-36 inches. Care was taken to segregate and stockpile topsoil separately from the overburden material (Attachment C).
3. The 2-inch PVC casing of each pump test well was cut off 24 inches below the ground surface (Attachment C).
4. Two 50-pound bags of Colorado Silica Sand were gravity fed into the top of the casing of each well to be abandoned. This sand covered the screened portions at the bottom of each well.
5. 50-pound bags of 3/8-inch, graded sodium bentonite particles were gravity fed into the casing of each well to seal the interior casing volume. This specially-designed plugging bentonite material has a brand name of HOLEPLUG and is distributed by Baroid. This material was gravity fed into the top of the casing using a 1/4-inch screen, to minimize fines from entering the casing and to help ensure no “bridging” occurs within the casing (Attachment C). Specific amounts of bentonite required to fill the casing of each well follows:

#### Section 33, T10N, R67W

Well No. IS-003-Tc	12 bags of HOLEPLUG
Well No. IS-003-Td	12 bags of HOLEPLUG

#### Section 9, T9N, R67W

Well No. IS-009-Tc	12 bags of HOLEPLUG
Well No. IS-009-Td	11 bags of HOLEPLUG

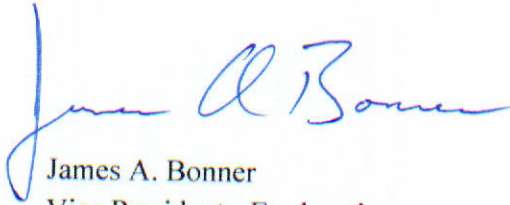
6. Once the casing was filled with bentonite, a PVC cap was glued to the top of the casing. This permanent seal will prevent surface water from entering the casing (Attachment C).
7. Prior to backfilling each excavation, a metal plate containing the Colorado Division of Water Resources permit number was placed on each well cap.
8. A frontend loader was used to backfill each excavation site. Overburden material was backfilled first, followed by topsoil (Attachment C).
9. Each site was also contoured to fit existing topography. There had been no fluids in the excavation areas so no settling time was required (Attachment C).
10. A grass seed mixture, as specified in the NOI, was purchased from Pawnee Buttes Seed, Inc. in Greeley, CO. This seed was broadcast over the disturbed areas and

raked into the soil. A straw mulch was then spread over the re-seeded area to protect the seeds and help retain moisture (Attachment C).

11. On 12/31/2012, Well Completion Reports were completed for each of the four pump test wells that were abandoned and submitted to the Division of Water Resources (Attachment D).

If I can provided any additional information regarding the plugging and abandonment of these four 2-inch pump test wells, please contact me at (505) 821-6007.

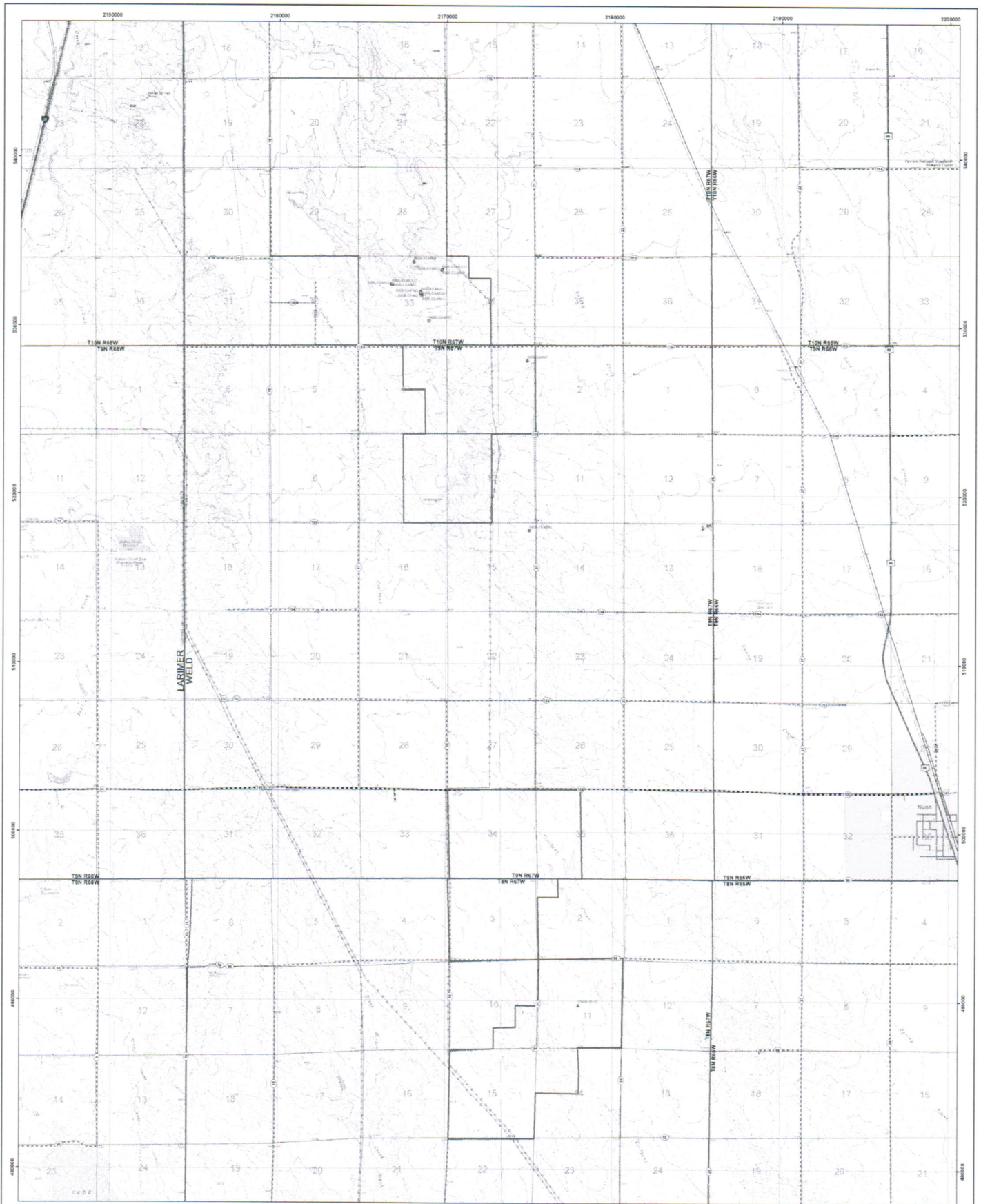
Sincerely,



James A. Bonner  
Vice President - Exploration

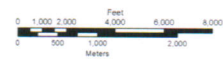
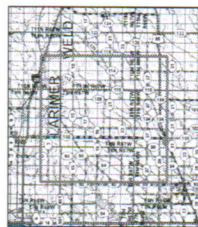
ATTACHMENT A

Location Map




**Legend**

- Proposed Permit Boundary with New Land Position
- Power Lines
- Monitoring Well
- Exploration Well
- Road Classification
  - State Highway
  - Paved County Road
  - Maintained Gravel, Soil or Stone
  - Unimproved
  - Primitive Road/Path
  - Congested City Streets
  - Railroad



REVISIONS			
#	DATE	CHECKED	APPROVED

  
**PowerTech (USA) Inc.**  
**Attachment B**  
**PowerTech 2008 NOI**  
 Weld County, Colorado

**ATTACHMENT B**  
**Well Plugging Procedure**

# **WELL PLUGGING PROCEDURE CENTENNIAL PROJECT WELD COUNTY, COLORADO**

Powertech (USA) Inc. (Powertech) has drilled and completed 34 water wells for the purpose of monitoring groundwater within its Centennial Project in Weld County, Colorado. These water wells range in depth from 120 feet below ground surface (bgs) to 640 feet bgs. All wells are completed within the Laramie – Fox Hills Aquifer.

This detailed Plugging Procedure is based on the **Colorado Division of Water Resources, Rule 16 - Standards for Plugging, Sealing, and Abandoning Wells and Boreholes**. All Powertech wells have PVC casing installed, with the annular space of each well (outside of the casing) filled with cement grout from the screened interval to the surface. All wells are currently permitted with **State of Colorado, Office of the State Engineer**. All actions taken in the field associated with this proposed Plugging Procedure will be documented and recorded on the **Well Abandonment Report** (attached to this procedure) and submitted to the **State of Colorado, Office of the State Engineer**.

**Step 1** Before initiating any work on a well, a well probe will be used to confirm and establish the depth of the well. This actual depth will be recorded on the **Well Abandonment Report**.

**Step 2** There is a rectangular cement pad (approximately 24-inches by 24-inches) on the surface, surrounding each water well. This pad is a minimum of 6 inches thick and embedded in the pad is a 2-3-foot tall, locking metal cover to protect the well casing. The cement pad will be broken, excavated and hauled to a regulated disposal facility. The metal protective cover will be removed and stored by Powertech for future use.

**Step 3** Once the pad has been removed, the top of the casing for each well will be cut off twenty-four (24) inches bgs so that it will not interfere with the anticipated use of the land. A small area will have to be excavated in order to expose the casing to a depth of twenty-four (24) inches. Soil from each excavation will be placed in two stockpiles – one for top soil and one for overburden.

**Step 4** The bottom portion of the well casing, to include the screened interval, will be filled with 20-40 Silica Sand. This Silica Sand will be poured in from the top of the casing. There are no obstructions within the well and due to the smooth surface of the PVC casing, the sand, through the forces of gravity, will easily flow to the bottom of the well. Depending on the length of the screened interval, the thickness of the column of 20-40 Silica Sand to be emplaced in the bottom of the wells will vary from 40 to 60 feet.

Based on the inner diameter (ID) of the well casing, the volume of 20-40 Silica Sand emplaced in the casing of each well will be calculated and recorded on the **Well**

**Abandonment Report.** The use of 20-40 Silica Sand for this purpose is consistent with the standards for plugging materials as described in Rule 16.2. A product description and an MSDS Sheet for 20-40 Silica Sand is attached to this proposed Plugging Procedure.

**Step 5** The remainder of the casing, above the sand-filled portion, will be filled to the top with HOLEPLUG, a size-graded, sodium-bentonite clay plugging material, distributed by Baroid. These bentonite chips will be poured in from the top of the casing. As described above, the lack of obstructions and the smooth wall of the casing will allow for gravity feed of this material to the bottom of the hole. HOLEPLUG will fall through a standing column of water in the casing and reach the bottom with delayed hydration. The bulk density of these bentonite chips ranges from 68.8-71.8 lbs/ft<sup>3</sup>, compared to a bulk density of 62.4 lbs/ft<sup>3</sup> for water. Once hydration occurs, the swelling capability of sodium-bentonite forms a permanent, flexible down-hole seal to prevent migration of fluids within the casing.

The HOLEPLUG is available in 3/8-inch and 3/4-inch sizes. The 3/4-inch material will be emplaced in casing with diameters of 5-inches or greater. 3/8-inch HOLEPLUG will be emplaced in casing with diameters of less than 5-inches. Even though these bentonite chips are size-graded, due to shipping and handling, a small amount of fine bentonite particles may be present. For this reason, the bentonite chips will be poured over a screen with 1/4-inch (6.4 mm) openings to "sift out" any smaller particles to prevent possible "bridging". In addition to the use of a screen, to ensure free flow of bentonite chips to the bottom of the casing, the bentonite chips will be poured into casing at a slow rate of two minutes per 50-lb (22.7 kg) bag.

Based on the inner diameter (ID) of the well casing, the volume of HOLEPLUG emplaced in the casing of each well will be calculated and recorded on the **Well Abandonment Report**. The use of HOLEPLUG for this purpose is consistent with the standards for plugging materials as described in Rule 16.2. A product description and an MSDS Sheet for HOLEPLUG are attached to this proposed Plugging Procedure.

**Step 6** A PVC Cap will be glued to the top of casing. This cap, in addition to the sodium-bentonite chips, will act as a permanent watertight cover to prevent surface water from entering the casing, consistent with Rule 16.2.

**Step 7** The excavated area surrounding the cut-off casing will be backfilled from the soil stockpiles – overburden first and top soil last. During this process, a metal plate with the well number and the State Engineer's permit number will be placed on top of the PVC cap. This will enable the abandoned well to be located at any time in the future.

**Step 8** Once the backfilling process is completed, the excavation area will be contoured and re-seeded, using the seed mixture and methodology described in the Notice of Intent to Conduct Prospecting



Form No. GWS-09 4/2012	<b>STATE OF COLORADO, OFFICE OF THE STATE ENGINEER</b> 821 Centennial Bldg., 1313 Sherman St., Denver, CO 80203 (303) 866-3581 Fax (303) 866-3589 <a href="mailto:dwrpermitsonline@state.co.us">dwrpermitsonline@state.co.us</a>	For Office Use Only
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**WELL ABANDONMENT REPORT**

Use to report plugging and sealing of permitted wells, monitoring and other holes. This form can be computer generated, typed or printed in black or blue ink. Instructions and plugging standards are on reverse side of form.

**Well Permit Number of the well being plugged \_\_\_\_\_ or  
MH File Number MH- \_\_\_\_\_ Hole ID #/Name \_\_\_\_\_**

Individual/Company responsible for plugging and sealing the well:

Name(s) \_\_\_\_\_

Mailing Address \_\_\_\_\_

City, St., Zip \_\_\_\_\_

Phone (area code & no.) \_\_\_\_\_ Email: \_\_\_\_\_

Well (Hole) Owner:

NAME(S) \_\_\_\_\_ Phone (include area code) \_\_\_\_\_

Mailing Address, City, St., Zip \_\_\_\_\_

ACTUAL WELL LOCATION: County \_\_\_\_\_

Property Address, City, St, Zip \_\_\_\_\_

\_\_\_\_\_ 1/4 of the \_\_\_\_\_ 1/4, Sec. \_\_\_\_\_, Twp. \_\_\_\_\_  N. or  S., Range \_\_\_\_\_  E. or  W., \_\_\_\_\_ P.M.

Distance from Section Lines \_\_\_\_\_ Ft. from  N. or  S., \_\_\_\_\_ Ft. from  E. or  W. Line.

Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_, Block \_\_\_\_\_, Filing/Unit \_\_\_\_\_

Optional: GPS well location information in UTM format. You must check GPS unit for required settings as follows:  
Format must be UTM, zone 12  or zone 13 ; Units must be meters; Datum must be NAD83; Unit must be set to true north.

**Easting** \_\_\_\_\_ **Northing** \_\_\_\_\_

I (we) report the existing well (hole) was plugged and sealed on the date of \_\_\_\_\_ for the following reason(s):

The well was plugged and sealed as required under Well Permit Number \_\_\_\_\_.

The well was not in use and was plugged and sealed.

Other (please explain) \_\_\_\_\_

The well was plugged with the following materials placed at the indicated intervals:

Amount and Type of Material	Method of Placement	Interval
_____	_____	from _____ feet to _____ feet
_____	_____	from _____ feet to _____ feet
_____	_____	from _____ feet to _____ feet
<b>Intervals of casing removed/ripped in feet</b>		from _____ feet to _____ feet

Report must be signed or name entered by person who performed the well plugging work or by the well owner if this person is unknown or not reachable. I (we) have read the statements made herein, know the contents thereof, and that they are true to my (our) knowledge.

Sign or enter full name  _____	If signing print name & title  _____	Date (mm/dd/yyyy)  _____
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It is the responsibility of the well owner to have the well/hole properly plugged and sealed. The Well Construction Contractor is responsible for notifying the owner of this requirement.

**ATTACHMENT C**

**Photos and Description  
of Activities**

**Photo 1** (below): The soil and overburden, adjacent to monitoring wells to be abandoned in Section 9, T9N, R67W, were excavated. Well IS-009-Tc is shown in this photo.



**Photo 2** (above): Excavation of soils and overburden, to a depth of approximately 30 inches, was performed adjacent to monitoring wells to be abandoned in Section 33, T10N, R67W. . Note topsoil stockpile. Well IS-003-Tc is shown in this photo.

**Photo 3** (below): The 2-inch PVC casing, for each monitoring well to be abandoned, was cut off 24 inches below ground surface.



**Photo 4** (above): After placing Colorado Silica Sand in the bottom, screened portion of the monitoring wells, 3/8" sodium bentonite chips were gravity fed into the casing. This bentonite plug extends to the surface. Note the use of a 1/4" screen, to minimize fines from entering the casing.

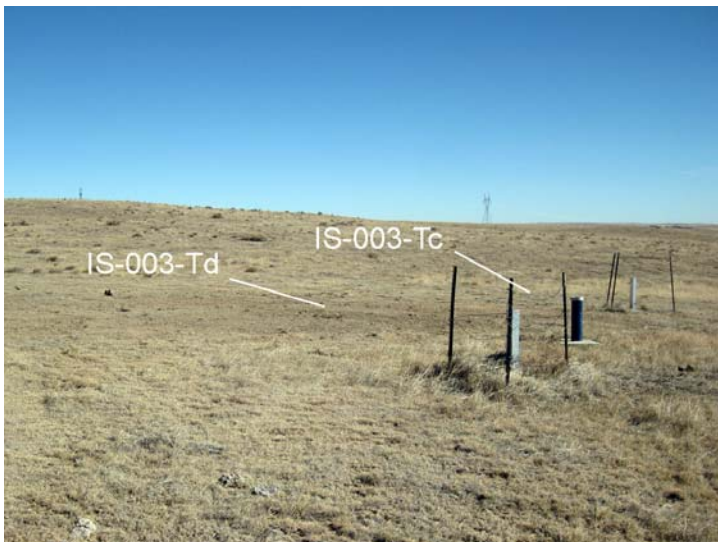
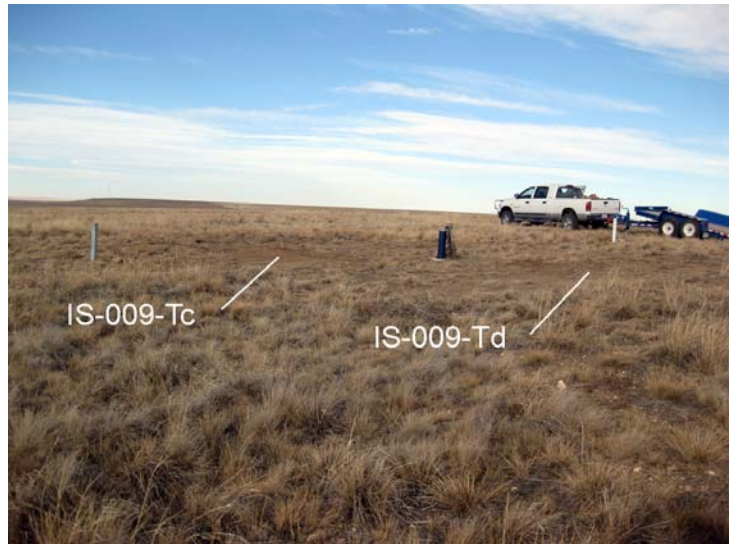


**Photo 5** (above): After sand and bentonite was placed into the casing, a PVC cap was glued to the top of the casing to prevent entry of surface fluids into the casing.

**Photo 6** (below): Following the plugging and capping of the casing of the monitoring wells, all excavated areas were backfilled. Overburden was backfilled first, followed by topsoil on the surface. Well IS-003-Tc is shown in this photo.



**Photo 7** (right): After backfilling was completed on wells in Section 9, equipment was used to re-contour the surface. As shown in this photo, the ground where monitoring wells IS-009-Tc and IS-009-Td were located, conforms well to the surrounding topography.



**Photo 8** (left): After backfilling was completed on wells in Section 33, equipment was used to re-contour the surface. As shown in this photo, the ground where monitoring wells IS-003-Td and IS-003-Tc were located, conforms well to the surrounding topography.



**Photo 9** (left): After re-contouring was completed on wells IS-003-Td and IS-003-Tc in Section 33, an approved grass seed mixture was applied and the area was covered with a straw mulch.



**Photo 10** (right): After re-contouring was completed on wells IS-009-Tc and IS-009-Td in Section 9, an approved grass seed mixture was applied and the area was covered with a straw mulch.

ATTACHMENT D  
Well Completion Reports

**WELL ABANDONMENT REPORT**

Use to report plugging and sealing of permitted wells, monitoring and other holes. This form can be computer generated, typed or printed in black or blue ink. Instructions and plugging standards are on reverse side of form.

**Well Permit Number of the well being plugged** No. 278889 **or**  
**MH File Number MH-** \_\_\_\_\_ **Hole ID #/Name** \_\_\_\_\_

Individual/Company responsible for plugging and sealing the well:

Name(s) Powertech (USA) Inc.

Mailing Address 5575 DTC Parkway, Suite 140

City, St., Zip Greenwood Village, CO 80111

Phone (area code & no.) (303) 790-7528 Email: jbonner@powertechuranium.com

Well (Hole) Owner:

NAME(S) Powertech (USA) Inc. Phone (include area code) \_\_\_\_\_

Mailing Address, City, St., Zip 5575 DTC Parkway, Suite 140, Greenwood Village, CO 80111

ACTUAL WELL LOCATION: County Weld

Property Address, City, St, Zip \_\_\_\_\_

SW 1/4 of the NE 1/4, Sec. 33, Twp. 10  N. or  S., Range 67  E. or  W., 6th P.M.

Distance from Section Lines 2548 Ft. from  N. or  S., 1444 Ft. from  E. or  W. Line.

Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_, Block \_\_\_\_\_, Filing/Unit \_\_\_\_\_

Optional: GPS well location information in UTM format. You must check GPS unit for required settings as follows:  
 Format must be UTM, zone 12  or zone 13 ; Units must be meters; Datum must be NAD83; Unit must be set to true north.

**Easting** 509140 **Northing** 4515555

I (we) report the existing well (hole) was plugged and sealed on the date of 11/07/2012 for the following reason(s):

The well was plugged and sealed as required under Well Permit Number \_\_\_\_\_.

The well was not in use and was plugged and sealed.

Other (please explain) \_\_\_\_\_

The well was plugged with the following materials placed at the indicated intervals:

Amount and Type of Material	Method of Placement	Interval
_____	_____	from _____ feet to _____ feet
<u>2 bags Colorado Silica Sand</u>	<u>Gravity feed from top of casing</u>	from <u>455</u> feet to <u>495</u> feet
<u>12 bags Holeplug (3/8" sodium bentonite chips)</u>	<u>Gravity feed from top of casing</u>	from <u>2</u> feet to <u>455</u> feet
<b>Intervals of casing removed/ripped in feet</b>		from <u>0</u> feet to <u>2</u> feet

Report must be signed or name entered by person who performed the well plugging work or by the well owner if this person is unknown or not reachable. I (we) have read the statements made herein, know the contents thereof, and that they are true to my (our) knowledge.

Sign or enter full name <u>James A. Bonner</u>	If signing print name & title <u>James A. Bonner</u> <u>Vice President - Exploration</u>	Date (mm/dd/yyyy) <u>12/31/2012</u>
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It is the responsibility of the well owner to have the well/hole properly plugged and sealed. The Well Construction Contractor is responsible for notifying the owner of this requirement.

**WELL ABANDONMENT REPORT**

Use to report plugging and sealing of permitted wells, monitoring and other holes. This form can be computer generated, typed or printed in black or blue ink. Instructions and plugging standards are on reverse side of form.

**Well Permit Number of the well being plugged** No. 278890 **or**  
**MH File Number MH-** \_\_\_\_\_ **Hole ID #/Name** \_\_\_\_\_

Individual/Company responsible for plugging and sealing the well:

Name(s) Powertech (USA) Inc.  
Mailing Address 5575 DTC Parkway, Suite 140  
City, St., Zip Greenwood Village, CO 80111  
Phone (area code & no.) (303) 790-7528 Email: jbonner@powertechuranium.com

Well (Hole) Owner:

NAME(S) Powertech (USA) Inc. Phone (include area code) \_\_\_\_\_  
Mailing Address, City, St., Zip 5575 DTC Parkway, Suite 140, Greenwood Village, CO 80111

**ACTUAL WELL LOCATION:** County Weld  
Property Address, City, St, Zip \_\_\_\_\_  
SW 1/4 of the NE 1/4, Sec. 33, Twp. 10  N. or  S., Range 67  E. or  W., 6th P.M.  
Distance from Section Lines 2538 Ft. from  N. or  S., 1454 Ft. from  E. or  W. Line.  
Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_, Block \_\_\_\_\_, Filing/Unit \_\_\_\_\_  
Optional: GPS well location information in UTM format. You must check GPS unit for required settings as follows:  
Format must be UTM, zone 12  or zone 13 ; Units must be meters; Datum must be NAD83; Unit must be set to true north.  
**Easting** 509137 **Northing** 4515558

I (we) report the existing well (hole) was plugged and sealed on the date of 11/06/2012 for the following reason(s):  
 The well was plugged and sealed as required under Well Permit Number \_\_\_\_\_.  
 The well was not in use and was plugged and sealed.  
 Other (please explain) \_\_\_\_\_

The well was plugged with the following materials placed at the indicated intervals:		
Amount and Type of Material	Method of Placement	Interval
_____	_____	from _____ feet to _____ feet
<u>2 bags Colorado Silica Sand</u>	<u>Gravity feed from top of casing</u>	from <u>455</u> feet to <u>495</u> feet
<u>12 bags Holeplug (3/8" sodium bentonite chips)</u>	<u>Gravity feed from top of casing</u>	from <u>2</u> feet to <u>455</u> feet
<b>Intervals of casing removed/ripped in feet</b>		from <u>0</u> feet to <u>2</u> feet

Report must be signed or name entered by person who performed the well plugging work or by the well owner if this person is unknown or not reachable. I (we) have read the statements made herein, know the contents thereof, and that they are true to my (our) knowledge.

Sign or enter full name <u>James A. Bonner</u>	If signing print name & title <u>James A. Bonner</u> <u>Vice President - Exploration</u>	Date (mm/dd/yyyy) <u>12/31/2012</u>
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It is the responsibility of the well owner to have the well/hole properly plugged and sealed. The Well Construction Contractor is responsible for notifying the owner of this requirement.



**WELL ABANDONMENT REPORT**

Use to report plugging and sealing of permitted wells, monitoring and other holes. This form can be computer generated, typed or printed in black or blue ink. Instructions and plugging standards are on reverse side of form.

**Well Permit Number of the well being plugged** No. 278897 **or**  
**MH File Number MH-** \_\_\_\_\_ **Hole ID #/Name** \_\_\_\_\_

Individual/Company responsible for plugging and sealing the well:

Name(s) Powertech (USA) Inc.  
Mailing Address 5575 DTC Parkway, Suite 140  
City, St., Zip Greenwood Village, CO 80111  
Phone (area code & no.) (303) 790-7528 Email: jbonner@powertechuranium.com

Well (Hole) Owner:

NAME(S) Powertech (USA) Inc. Phone (include area code) \_\_\_\_\_  
Mailing Address, City, St., Zip 5575 DTC Parkway, Suite 140, Greenwood Village, CO 80111

ACTUAL WELL LOCATION: County Weld

Property Address, City, St, Zip \_\_\_\_\_  
NE 1/4 of the SE 1/4, Sec. 9, Twp. 9  N. or  S., Range 67  E. or  W., 6th P.M.

Distance from Section Lines 2214 Ft. from  N. or  S., 560 Ft. from  E. or  W. Line.

Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_, Block \_\_\_\_\_, Filing/Unit \_\_\_\_\_

Optional: GPS well location information in UTM format. You must check GPS unit for required settings as follows:  
Format must be UTM, zone 12  or zone 13 ; Units must be meters; Datum must be NAD83; Unit must be set to true north.

**Easting** 509389 **Northing** 4512215

I (we) report the existing well (hole) was plugged and sealed on the date of 11/07/2012 for the following reason(s):

- The well was plugged and sealed as required under Well Permit Number \_\_\_\_\_.
- The well was not in use and was plugged and sealed.
- Other (please explain) \_\_\_\_\_

The well was plugged with the following materials placed at the indicated intervals:

Amount and Type of Material	Method of Placement	Interval
_____	_____	from _____ feet to _____ feet
<u>2 bags Colorado Silica Sand</u>	<u>Gravity feed from top of casing</u>	from <u>457</u> feet to <u>497</u> feet
<u>12 bags Holeplug (3/8" sodium bentonite chips)</u>	<u>Gravity feed from top of casing</u>	from <u>2</u> feet to <u>457</u> feet
<b>Intervals of casing removed/ripped in feet</b>		from <u>0</u> feet to <u>2</u> feet

Report must be signed or name entered by person who performed the well plugging work or by the well owner if this person is unknown or not reachable. I (we) have read the statements made herein, know the contents thereof, and that they are true to my (our) knowledge.

Sign or enter full name <u>James A. Bonner</u>	If signing print name & title <u>James A. Bonner</u> <u>Vice President - Exploration</u>	Date (mm/dd/yyyy) <u>12/31/2012</u>
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It is the responsibility of the well owner to have the well/hole properly plugged and sealed. The Well Construction Contractor is responsible for notifying the owner of this requirement.

Form No. GWS-09 4/2012	<b>STATE OF COLORADO, OFFICE OF THE STATE ENGINEER</b> 821 Centennial Bldg., 1313 Sherman St., Denver, CO 80203 (303) 866-3581 Fax (303) 866-3589 <a href="mailto:dwrpermitsonline@state.co.us">dwrpermitsonline@state.co.us</a>	For Office Use Only
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**WELL ABANDONMENT REPORT**

Use to report plugging and sealing of permitted wells, monitoring and other holes. This form can be computer generated, typed or printed in black or blue ink. Instructions and plugging standards are on reverse side of form.

**Well Permit Number of the well being plugged** No. 278898 **or**  
**MH File Number MH-** \_\_\_\_\_ **Hole ID #/Name** \_\_\_\_\_

Individual/Company responsible for plugging and sealing the well:

Name(s) Powertech (USA) Inc.  
Mailing Address 5575 DTC Parkway, Suite 140  
City, St., Zip Greenwood Village, CO 80111  
Phone (area code & no.) (303) 790-7528 Email: jbonner@powertechuranium.com

Well (Hole) Owner:

NAME(S) Powertech (USA) Inc. Phone (include area code) \_\_\_\_\_  
Mailing Address, City, St., Zip 5575 DTC Parkway, Suite 140, Greenwood Village, CO 80111

ACTUAL WELL LOCATION: County Weld

Property Address, City, St, Zip \_\_\_\_\_

NE 1/4 of the SE 1/4, Sec. 9, Twp. 9  N. or  S., Range 67  E. or  W., 6th P.M.

Distance from Section Lines 2197 Ft. from  N. or  S., 547 Ft. from  E. or  W. Line.

Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_, Block \_\_\_\_\_, Filing/Unit \_\_\_\_\_

Optional: GPS well location information in UTM format. You must check GPS unit for required settings as follows:

Format must be UTM, zone 12  or zone 13 ; Units must be meters; Datum must be NAD83; Unit must be set to true north.

**Easting** 509393 **Northing** 4512210

I (we) report the existing well (hole) was plugged and sealed on the date of 11/07/2012 for the following reason(s):

The well was plugged and sealed as required under Well Permit Number \_\_\_\_\_.

The well was not in use and was plugged and sealed.

Other (please explain) \_\_\_\_\_

The well was plugged with the following materials placed at the indicated intervals:

Amount and Type of Material	Method of Placement	Interval
_____	_____	from _____ feet to _____ feet
<u>2 bags Colorado Silica Sand</u>	<u>Gravity feed from top of casing</u>	from <u>437</u> feet to <u>477</u> feet
<u>11 bags Holeplug (3/8" sodium bentonite chips)</u>	<u>Gravity feed from top of casing</u>	from <u>2</u> feet to <u>437</u> feet
<b>Intervals of casing removed/ripped in feet</b>		from <u>0</u> feet to <u>2</u> feet

Report must be signed or name entered by person who performed the well plugging work or by the well owner if this person is unknown or not reachable. I (we) have read the statements made herein, know the contents thereof, and that they are true to my (our) knowledge.

Sign or enter full name <u>James A. Banner</u>	If signing print name & title <u>James A. Banner</u> <u>Vice President - Exploration</u>	Date (mm/dd/yyyy) <u>12/31/2012</u>
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It is the responsibility of the well owner to have the well/hole properly plugged and sealed. The Well Construction Contractor is responsible for notifying the owner of this requirement.