

0060

From: "Lamb, Jason" <JLamb@boartlongyear.com>
To: <priscillaburton@utah.gov>
Date: 10/31/2007 9:18 AM
Subject: FW: Scanned image from AR-M455N
Attachments: AR-M455N_20071031_090952.pdf

CC: "Shaver, Dave" <dshaver@coalsource.com>
Prescilla, and Dave,

Tracy JK
10/015/0032

Here are the abandonment reports you requested. Hope this helps answer some of your questions.

As far as water in the hole or aquifer we did not encounter any abundant amount if any at all. But if you want the holes abandoned properly it will have to be done the I explained in the beginning and that is by bringing a drill rig back onto the property and cleaning them out to bottom.

Let me know if you need anything else.

Jason Lamb
Contracts Representative
Boart Longyear Drilling Services
(801) 973-6667 Office
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-----Original Message-----

From: SharpSLC-Lang@boartlongyear.com
[mailto:SharpSLC-Lang@boartlongyear.com]
Sent: Wednesday, October 31, 2007 10:10 AM
To: Lamb, Jason
Subject: Scanned image from AR-M455N

DEVICE NAME:
DEVICE MODEL: SHARP AR-M455N
LOCATION:

FILE FORMAT: PDF MMR(G4)
RESOLUTION: 300dpi x 300dpi

Attached file is scanned image in PDF format.
This file can be read by Adobe Acrobat Reader.
The reader can be downloaded from the following URL:

WELL ABANDONMENT REPORT

Well Identification

Hole # 2

Owner

Note any changes

Gennall Mine

Contact Person/Engineer:

Well Location

Note any changes

Location Description:(address, proximity to buildings, landmarks, ground elevation, local well #)

Crandall Canyon

Existing Well Details

Is a Well Driller's Report Available? Yes No

Well Depth *1883* feet Well Diameter *8 5/8* inches

Nature of Use: Dom. Irr. Stock Industrial Commercial Municipal Provisional Monitor

Casing Type: Steel Stainless Steel PVC Fiberglass ABS SR Other _____

Screen Perforations Open Pipe

Screen/Perforation Interval _____

Filter Pack Yes No

Depth of Surface Seal *20' of 10" sealed with plug*

Static Water Level *NA* feet

Flowing Well? Yes No

Other details (if known) _____

Abandonment Details

Date of Abandonment *10-14-07*

Reason for Abandonment *request from Mine*

Method of Abandonment (Include a description of seal placement and procedures, amount of casing/screen removed, pump/piping removal, termination of casing at the surface, problems encountered, and other pertinent information)

Remove materials from bottom up - tag at 1883 - set 30 feet of 2" fiberglass pipe - set 7" rubber plug.

DEPTH (feet)

Abandonment Material Details:

From	To	ABANDONMENT MATERIAL	QUANTITY (e.g., cubic yards, #s)	GROUT WEIGHT (e.g., lbs/gal, #bag mix, gal/sack)
<i>1883</i>	<i>1853</i>	<i>2" fiberglass pipe with 7" plug</i>	<i>—</i>	<i>—</i>
<i>1853</i>	<i>1818</i>	<i>Hole plug</i>	<i>18 ct</i>	<i>—</i>
<i>1818</i>	<i>20'</i>	<i>Abandonite</i>	<i>3200 gallon</i>	<i>—</i>
<i>20'</i>	<i>0'</i>	<i>Cement</i>	<i>24.5 ct</i>	<i>15.5 to 16#</i>

Location of a new well (if present) is _____ ft north/south and _____ ft east/west from the abandoned well.

Name

Boart Longyear Drilling Services

Signature

[Signature]

Date

10/26/07

Abandonment

WELL ABANDONMENT REPORT

Well Identification
Hole # 7

Owner Note any changes

Genwall Mine **Well Location** Note any changes **Contact Person/Engineer:**

Location Description:(address, proximity to buildings, landmarks, ground elevation, local well #) Crandall Canyon

Existing Well Details Is a Well Driller's Report Available? Yes No
 Well Depth 1881 feet Well Diameter 8 7/8 inches
 Nature of Use: Dom. Irr. Stock Industrial Commercial Municipal Provisional Monitor
 Casing Type: Steel Stainless Steel PVC Fiberglass ABS SR Other _____
 Screen Perforations Open Pipe Screen/Perforation Interval _____
 Filter Pack Yes No Depth of Surface Seal _____
 Static Water Level NA feet Flowing Well? Yes No
 Other details (if known) _____

Abandonment Details Date of Abandonment 10/14/07
 Reason for Abandonment request from mine

Method of Abandonment (Include a description of seal placement and procedures, amount of casing/screen removed, pump/piping removal, termination of casing at the surface, problems encountered, and other pertinent information)
Tremie materials from bottom up - tag bridge at 44 feet. Set 7" Plug.

DEPTH (feet)		Abandonment Material Details:		
From	To	ABANDONMENT MATERIAL	QUANTITY (c.g., cubic yards, #s)	GROUT WEIGHT (c.g., lbs/gal, #bag mix, gal/sack)
44	38'	Hole Plug	6 cf	NA.
38'	0'	Cement	24 cf	15.5 to 16 #s

Location of a new well (if present) is _____ ft north/south and _____ ft east/west from the abandoned well.

Name Boart Longyear Drilling Services
(Person, Firm or Corporation - Print or Type)
 Signature [Signature] Date 10/26/07

WELL ABANDONMENT REPORT

Well Identification

Hole #6.

Owner *Note any changes*

Genwall Mine

Contact Person/Engineer:

Well Location *Note any changes*

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #) *Crandall Canyon Mine.*

Existing Well Details Is a Well Drill Report Available? Yes No
 Well Depth *1786'* feet Well Diameter *8 5/8"* inches
 Nature of Use: Dom. Irr. Stock Industrial Commercial Municipal Provisional Monitor
 Casing Type: Steel Stainless Steel PVC Fiberglass ABS SR Other _____
 Screen Perforations Open Pipe Screen/Perforation Interval _____
 Filter Pack Yes No Depth of Surface Seal *20' of 10" sealed w/ Hole Plug.*
 Static Water Level *N/A* feet Flowing Well? Yes No
 Other details (if known) _____

Abandonment Details Date of Abandonment *10/14/07*
 Reason for Abandonment *request from mine.*

Method of Abandonment (Include a description of seal placement and procedures, amount of casing/screen removed, pump/piping removal, termination of casing at the surface, problems encountered, and other pertinent information)
*Tremie materials in from bottom up. Tag bottom at 236'
 Set 7" rubber plug on bottom.*

DEPTH (feet)		Abandonment Material Details:		
From	To	ABANDONMENT MATERIAL	QUANTITY (e.g., cubic yards, #s)	GROUT WEIGHT (e.g., lbs/gal, #bag mix, gal/sack)
<i>236</i>	<i>212'</i>	<i>Hole plug</i>	<i>48 cf</i>	<i>NA</i>
<i>212</i>	<i>20'</i>	<i>Abandonite</i>	<i>1440 gallons</i>	<i>NA</i>
<i>20'</i>	<i>0'</i>	<i>Cement</i>	<i>22 cf</i>	<i>15.5 to 16</i>

Location of a new well (if present) is _____ ft north/south and _____ ft east/west from the abandoned well.

Name *Boart Longyear Drilling Services*
(Person, Firm, or Corporation - Print or Type)
 Signature *Jason Faulk* Date *10/26/07*

WELL ABANDONMENT REPORT

Well Identification

Hole # 4

Owner *Note any changes*

Genworth Mine

Contact Person/Engineer: *Mike Glasson/Dave Shaver*

Well Location *Note any changes*

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #) *Crandall Canyon Mine*

Existing Well Details Is a Well Driller's Report Available? Yes No

Well Depth *1581* feet Well Diameter *8 5/8* inches

Nature of Use: Dom. Irr. Stock Industrial Commercial Municipal Provisional Monitor

Casing Type: Steel Stainless Steel PVC Fiberglass ABS SR Other _____

Screen Perforations Open Pipe Screen/Perforation Interval _____

Filter Pack Yes No Depth of Surface Seal *20' of 10" sealed with hole plug*

Static Water Level *NA* feet Flowing Well? Yes No

Other details (if known) _____

Abandonment Details Date of Abandonment *10-13-07*

Reason for Abandonment *request from mine.*

Method of Abandonment (Include a description of seal placement and procedures, amount of casing/screen removed, pump/piping removal, termination of casing at the surface, problems encountered, and other pertinent information)
Tremie from bottom up. Tag bridge at 33 feet. Install 7" rubber plug with hole plug

DEPTH (feet)		Abandonment Material Details:		
From	To	ABANDONMENT MATERIAL	QUANTITY (c.g., cubic yards, #s)	GROUT WEIGHT (c.g., lbs/gal, #bag mix, gal/sack)
<i>33</i>	<i>17'</i>	<i>Hole plug</i>	<i>32 ct.</i>	<i>NA.</i>
<i>17</i>	<i>0'</i>	<i>Cement</i>	<i>23 ct.</i>	<i>15.5 to 16 #</i>

Location of a new well (if present) is _____ ft north/south and _____ ft east/west from the abandoned well.

Name *Boart Longyear Drilling Services*
(Person, Firm, or Corporation - Print or Type)

Signature *Jason Far* Date *10/26/07*

WELL ABANDONMENT REPORT

Well Identification

Hole #3

Owner

Note any changes

Genwall Mine.

Contact Person/Engineer: Mike Glasson/Dave Shaver

Well Location

Note any changes

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #) Crandall Canyon Mine.

Existing Well Details

Is a Well Driller's Report Available? Yes No

Well Depth 1407 feet Well Diameter 8 3/8" inches

Nature of Use: Dom. Irr. Stock Industrial Commercial Municipal Provisional Monitor

Casing Type: Steel Stainless Steel PVC Fiberglass ABS SR Other _____

Screen Perforations Open Pipe

Screen/Perforation Interval _____

Filter Pack Yes No

Depth of Surface Seal 21' of 10" sealed w/ Hole Plug.

Static Water Level _____ feet

Flowing Well? Yes No

Other details (if known) _____

Abandonment Details

Date of Abandonment 10-13-07

Reason for Abandonment request from mine.

Method of Abandonment (Include a description of seal placement and procedures, amount of casing/screen removed, pump/piping removal, termination of casing at the surface, problems encountered, and other pertinent information)

Tremie materials in from bottom up tag bridge at 22 feet down. Set 7" rubber plug on bottom.

DEPTH (feet)		Abandonment Material Details:		
From	To	ABANDONMENT MATERIAL	QUANTITY (c.g., cubic yards, #s)	GROUT WEIGHT (c.g., lbs/gal, #bag mix, gal/sack)
<u>22'</u>	<u>18'</u>	<u>Hole plug.</u>	<u>3.5 cf</u>	<u>NA</u>
<u>18'</u>	<u>0'</u>	<u>Cement</u>	<u>26 cf</u>	<u>15 1/2 - 16 #</u>

Location of a new well (if present) is _____ ft north/south and _____ ft east/west from the abandoned well.

Name Boart Longyear Drilling Services
(Person, Firm, or Corporation, Print or Type)

Signature [Signature]

Date 10/26/07

WELL ABANDONMENT REPORT

Well Identification
Hole #5

Owner *Note any changes*
Genwall Mine

Contact Person/Engineer: Mike Glasson / Dave Shaver

Well Location *Note any changes*
Genwall Mine

Location Description: (address, proximity to buildings, landmarks, ground elevation, local well #) Crandall Canyon Mine.

Existing Well Details Is a Well Driller's Report Available? Yes No

Well Depth 2042 feet Well Diameter 8 5/8 inches

Nature of Use: Dom. Irr. Stock Industrial Commercial Municipal Provisional Monitor

Casing Type: Steel Stainless Steel PVC Fiberglass ABS SR Other None.

Screen Perforations Open Pipe Screen/Perforation Interval _____

Filter Pack Yes No Depth of Surface Seal 20' at 10" sealed w/ Hole Plug

Static Water Level _____ feet Flowing Well? Yes No

Other details (if known) _____

Abandonment Details Date of Abandonment 10-12-07

Reason for Abandonment Request from mine.

Method of Abandonment (Include a description of seal placement and procedures, amount of casing/screen removed, pump/piping removal, termination of casing at the surface, problems encountered, and other pertinent information)

Tremie materials in from bottom up. Tag bridge at 435 feet down set 7" rubber plug in bottom on top of 2" fiberglass pipe 5 feet long

DEPTH (feet)		Abandonment Material Details:		
From	To	ABANDONMENT MATERIAL	QUANTITY (c.g., cubic yards, #s)	GROUT WEIGHT (c.g., lbs/gal, #bag mix, gal/snck)
435	410'	Holeplug	53 c/y	NA
410	50'	Abandonite	2200 gallons	NA
50'	0'	Cement	46. c/y	15 1/2 - 16 lb

Location of a new well (if present) is _____ ft north/south and _____ ft east/west from the abandoned well.

Name Boart Longyear Drilling Services 10/26/07

Signature [Signature] *(Person, Firm, or Corporation - Print or Type)* Date 10/26/07