

[Document](#) [Discussion](#)



[Return To Library](#) > [Records](#) > [ERID-98500 through ERID-99000](#) > ERID-098733 1) E-MAIL ON STATUS OF WATER IN BOREHOLE BETWEEN DON HICKMOTT AND JOHN YOUNG

Created By: Melissa E. Redman/USERS/LANL
File name: Target-ERID #.pdf
Version: 1.0
Document Type: RPF Record
Description: RECORD SUBMITTED BY AMANDA MARTINEZ, ERSS-DO

Document Details:

Title: ERID-098733 1) E-MAIL ON STATUS OF WATER IN BOREHOLE BETWEEN DON HICKMOTT AND JOHN YOUNG
ERID Number.StartPage: ERID-098733
Office of Record: ENV-DO
Date Received: 11/02/2007
Official Use Only: N
Page Count: 5
Record Type: E-Mail
Document Date: 08/09/2007
To:(Addressees - Organization) DON HICKMOTT
(separate multiple values with semicolons)
From:(Senders - Organization) JOHN YOUNG
(separate multiple values with semicolons)
Other Document Number(s): N/A
(separate multiple values with semicolons)
TA: N/A
(separate multiple values with semicolons)
PRS Number(s): N/A
(separate multiple values with semicolons)
Record Box Number:

* Denotes Fields that are mandatory.

To download this file, right mouse click on the file and select 'Save to Disk' or 'Save Target as'
[Target-ERID #.pdf](#) <-- This link points to this version.
To check-out and/or edit this file, select Edit Document or Check Out Document from the Document menu above.

File Cabinet: [Records](#)

30912



LANL Environmental Records Transmittal Form

Instructions: This form must be completed and submitted with all individual records or record packages by the record originator.

Transmittal Date: 11-2-07 Official Use Only: Yes No UCNI: Yes No Page 1 of 1

Transmitter Information: Z#: 181787 Name: Amanda Martinez E-Mail: amandam@lanl.gov Transmitter Org.: ERSS-00

Contamination Potential: To the best of my knowledge, the record(s) have no radioactive contamination. Signature: [Signature]

Record Type: Individual Records (No Package) New Package Existing Package (Add) Resubmit/Supersedes Record#: _____
Package #(s): 1728 Package Title(s): EP-CAP

Reference/Retrieval Information: _____
Organization/Program: EP-CAP Project: EP-CAP TA(s): _____

Record (Package) Contents

Record Title (Limited to 255 characters)	Media Type	Doc. Date	Author/ Originator	Other Doc. Numbers (LAUR, DocCatalog#, Symbol or N/A)	Page Count	ERID# (RPF Only)
<u>Email:</u>						
<u>RE: Status of water in Breake paper</u>		<u>8-9-07</u>	<u>John Young</u>	<u>N/A</u>	<u>5</u>	<u>098733</u>

(Use additional continuation forms as needed)

Records Processing Facility Use Only: (Names & Dates)

Accepted: ML 11-2-07 Entered: ML 11-2-07 Scanned: _____ QC: _____

098733

From: Don Hickmott <dhickmott@lanl.gov>
To: kreid@terraneapmc.com
Date: Sunday, October 28, 2007 08:47AM
Subject: Fwd: RE: Status of water in borehole

Kevin, Here is John's e-mail on the design.

I saw that Rich's comments had come in (in track changes) on 1-5. If you could incorporate and review, we might be able to get the slower reviewers a cleaner version tomorrow.

The risk assessment and chapters 6 on would have to be a higher priority

Give me a holler if you need help. I'm in the office until 3 PM or so.

Don

>X-Sieve: CMU Sieve 2.2
 >Subject: RE: Status of water in borehole
 >Date: Thu, 9 Aug 2007 07:58:18 -0600
 >X-MS-Has-Attach:
 >X-MS-TNEF-Correlator:
 >Thread-Topic: Status of water in borehole
 >Thread-Index: AcfZuHNadCa136ceSiuFY5+VISx8/QA070iA
 >From: "Young, John, NMENV" <john.young@state.nm.us>
 >To: "Don Hickmott" <dhickmott@lanl.gov>,
 > "Dhawan, Neelam, NMENV" <neelam.dhawan@state.nm.us>
 >Cc: <mcinroy@lanl.gov>, <kmv@lanl.gov>, <jmccann@lanl.gov>,
 > <kreid@TerraneapMC.com>, <lwoodworth@doeal.gov>
 >X-OriginalArrivalTime: 09 Aug 2007 13:59:09.0746 (UTC)
 >FILETIME=[755A8920:01C7DA8D]
 >X-Proofpoint-Virus-Version: vendor=fsecure
 >engine=4.65.5502:2.3.11,1.2.37,4.0.164
 >definitions=2007-08-09_03:2007-08-08,2007-08-09,2007-08-09 signatures=0
 >X-Proofpoint-Spam: 0
 >X-PMX-Version: 4.7.1.128075

>

>Don,

>

>The well design looks reasonable, just be sure to pour the sand and the
 >bentonite chips slowly to minimize the chances for bridging. Also, how
 >are you planning on sampling the well? As a guess, VOCs are likely
 >COPCs at this site, so an appropriate sampling method should be chosen
 >that will minimize possible volatilization of these constituents.

>

>Let us know if you have any questions.

>

>john

>

>-----Original Message-----

>From: Don Hickmott [mailto:dhickmott@lanl.gov]
 >Sent: Wednesday, August 08, 2007 6:34 AM
 >To: Young, John, NMENV; Dhawan, Neelam, NMENV
 >Cc: mcinroy@lanl.gov; kmv@lanl.gov; jmccann@lanl.gov;



>kreid@TerranearPMC.com; lwoodworth@doeal.gov
>Subject: RE: Status of water in borehole
>
>John, I know that the PID and HE spot test screening was non detect.
>
>I will have to check with Kevin Reid whether the D-Tech screening has
>been
>completed.
>
>I've attached the current version of the well design - Dave Broxton and
>Mark Everett have reviewed it. A couple of key design elements are:
>
>1) a moderately long screen (15 ft). This is designed to encompass the
>full
>water level (currently static water is at 135) and allow a couple of
>feet
>for any seasonal fluctuations. Also, typically when we have built these
>relatively shallow perched zone wells, they have not produced water very
>
>consistently, the thinking is that perhaps a slightly longer screen will
>
>help out.
>
>2) Per Dave B's suggestion we have proposed a fairly long bentonite chip
>
>seal (100-125 ft) before going with grout. He thinks this will limit the
>
>possibility of bentonite grout moving through fractures and getting into
>
>the screened interval (is this the current working hypothesis for the
>R-35
>bentonite?)
>
>We will send the geophysics (neutron probe) when we get it from the
>Technicians who did this work on Monday. I don't think this will
>influence
>the well design,
>
>We show the Unit 4/3 contact on the diagram at 73 ft. In fact this
>contact
>is 4/3t and there probably is a 3t/3 contact beneath this within the
>borehole interval. We will provide this info on the final well diagram
>in
>the report - once we get someone like Broxton out to look at the core.
>This
>is a fairly subtle contact. Again, the geologic information wouldn't
>influence the well design.
>
>We look forward to any comments and suggestions - and ultimately your
>approval of the well design. We would like to get the well built fairly
>soon, since the drilling crew is still on site and they don't have much
>additional drilling to do.
>
>Thx! Don
>
>At 04:13 PM 8/7/2007, Young, John, NMENV wrote:
>>Any screening results available?

> >
> >-----Original Message-----
> >From: Don Hickmott [<mailto:dhickmott@lanl.gov>]
> >Sent: Tuesday, August 07, 2007 9:48 AM
> >To: Young, John, NMENV; Dhawan, Neelam, NMENV
> >Cc: mcinroy@lanl.gov; kmv@lanl.gov; jmccann@lanl.gov;
> >kreid@TerranearPMC.com; lwoodworth@doeal.gov
> >Subject: RE: Status of water in borehole
> >
> >John, No fluids used during drilling - augering and air coring only. No
> >bentonite use inside the borehole yet - a bentonite berm is around
>the
> >
> >well head to help eliminate any rainwater infiltration into the
> >borehole.
> >
> >We'll get the design, log and geophysics (neutron probe) to you as soon
> >as
> >they are together.
> >
> >Don
> >
> >At 08:10 AM 8/7/2007, Young, John, NMENV wrote:
> > >Don,
> > >
> > >Thanks for the update. Some information that we would like to have:
> > >Were any drilling fluids used? If so, what type(s) and how much?
>Did
> > >bentonite or any other material get in the borehole intentionally or
> > >otherwise? If so, what and how much?
> > >
> > >Please come up with a well design (see Broxton) and send down to us
> >with
> > >an corresponding strat column and the results of any geophysical
> >logging
> > >accomplished.
> > >
> > >We'll let you know if we need anything else.
> > >
> > >Enjoy your day!
> > >
> > >john
> > >
> > >-----Original Message-----
> > >From: Don Hickmott [<mailto:dhickmott@lanl.gov>]
> > >Sent: Tuesday, August 07, 2007 7:50 AM
> > >To: Dhawan, Neelam, NMENV; Young, John, NMENV
> > >Cc: mcinroy@lanl.gov; kmv@lanl.gov; jmccann@lanl.gov;
> > >kreid@TerranearPMC.com
> > >Subject: Status of water in borehole
> > >
> > >Hi Neelam and John, Water remains in the borehole southeast of the
> >90s
> > >Line
> > >Pond following our letting it sit over the weekend. In fact, the
> >water
> > >level has come up to ~ 135 below the surface.

> > >
> > >So we are going to design a well and send you the well design -
> > >hopefully
> > >today. We are thinking a 15 ft screen (to encompass the full depth of
> > >water
> > >and to increase our chances of getting water out of the borehole in
>the
> > >future).

> > >
> > >Other than the well design itself, do we need to provided any other
> > >information to you?
> > >
> > >Did you get the e-mail yesterday? If we don't hear back from you guys
> > >(you
> > >might be out on vacation) we will try to contact Darlene or Dave C.
> > >
> > >Thx! Don
> > >
> > >
> > >
> > >
> > >
> > >

> > >This inbound email has been scanned by the MessageLabs Email Security
> > >System.
> > >
> > >

> > >
> > >
> > >Confidentiality Notice: This e-mail, including all attachments is for
> > >the
> > >sole use of the intended recipient(s) and may contain confidential
>and
> > >privileged information. Any unauthorized review, use, disclosure or
> > >distribution is prohibited unless specifically provided under the New
> > >Mexico Inspection of Public Records Act. If you are not the intended
> > >recipient, please contact the sender and destroy all copies of this
> > >message. -- This email has been scanned by the Sybari - Antigen Email
> > >System.
> > >
> > >
> > >
> > >

> > >This inbound email has been scanned by the MessageLabs Email Security
> > >System.
> > >
> > >
> > >
> > >Confidentiality Notice: This e-mail, including all attachments is for
> > >the
> > >sole use of the intended recipient(s) and may contain confidential and
> > >privileged information. Any unauthorized review, use, disclosure or
> > >distribution is prohibited unless specifically provided under the New
> > >Mexico Inspection of Public Records Act. If you are not the intended
> > >recipient, please contact the sender and destroy all copies of this
> > >message. -- This email has been scanned by the Sybari - Antigen Email
> > >System.
>

>

>

>This inbound email has been scanned by the MessageLabs Email Security
>System.

>

>

>

>Confidentiality Notice: This e-mail, including all attachments is for the
>sole use of the intended recipient(s) and may contain confidential and
>privileged information. Any unauthorized review, use, disclosure or
>distribution is prohibited unless specifically provided under the New
>Mexico Inspection of Public Records Act. If you are not the intended
>recipient, please contact the sender and destroy all copies of this
>message. -- This email has been scanned by the Sybari - Antigen Email System.