

**BW - \_\_\_\_\_ 21 \_\_\_\_\_**

**SUBSIDENCE  
MONITORING  
REPORTS 2**

**DATE:**

**Chavez, Carl J, EMNRD**

---

**From:** jrm@pvtnetworks.net  
**Sent:** Thursday, December 04, 2008 10:07 AM  
**To:** Price, Wayne, EMNRD; Kostrubala, Thaddeus; Scott Magness; Carr, Jim A.; VonGonten, Glenn, EMNRD; David Herrell; Chavez, Carl J, EMNRD; Brian Henington; Dick Maloney  
**Subject:** DAIY LOG 12/4/8  
**Attachments:** 12-4-08 daily log.doc

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

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**Loco Hills Water Disposal Co.**  
**P.O. Box 68**  
**Loco Hills, New Mexico 88255**

**Daily Site Safety Work Plan, Process, Public, and  
Worksite Protection Plan for 12/4/08**

**For**

**Loco Hills Water Disposal**  
**Loco Hills, NM**  
**Brine Well NO. 021**

# Daily Objectives and Status

## Daily Survey

North - South: 243ft.  
Northwest - Southeast: 228 ft.  
West - East: 228 ft.  
Southwest - Northeast: 235 ft.

There were no bystanders that came by the site.  
**No change in hole size 12/4/08**

## **Action Items for 12/4/08**

1. LHWD called Eddy County Road to check on Road 217, a Mr. Robert Fernandez said they are waiting on BLM. On 12/2/08
2. LHWD contacted Kevin Rogers about the signs for inside the disposal facility. Signs are still not in.
3. Send daily reports to sink hole list.
4. Continue to gather data and build long term plan.
5. LHWD will continue to maintain daily incident command, site safety, and the monitoring of the hole.

Contact Dick Maloney from Loco Hills Water Disposal Co. at 575-677-2118

**Chavez, Carl J, EMNRD**

---

**From:** jrm@pvtnetworks.net  
**Sent:** Wednesday, December 03, 2008 8:24 AM  
**To:** Price, Wayne, EMNRD; Kostrubala, Thaddeus; Scott Magness; Carr, Jim A.; VonGonten, Glenn, EMNRD; David Herrell; Chavez, Carl J, EMNRD; Brian Henington; Dick Maloney  
**Subject:** 12-3-08 daily log  
**Attachments:** 12-3-08 daily log.doc

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**Loco Hills Water Disposal Co.**  
**P.O. Box 68**  
**Loco Hills, New Mexico 88255**

**Daily Site Safety Work Plan, Process, Public, and  
Worksite Protection Plan for 12-3-08**

**For**

**Loco Hills Water Disposal**  
**Loco Hills, NM**  
**Brine Well NO. 021**

## Daily Objectives and Status

### Daily Survey

North - South: 243ft.  
Northwest - Southeast: 228 ft.  
West - East: 228 ft.  
Southwest - Northeast: 235 ft.

There were no bystanders that came by the site. NM State Land Office Jim Carr and Mark Naranjo came by and take pictures.

**No change in hole size 12/3/08**

## **Action Items for 12-3-08**

1. LHWD called Eddy County Road to check on Road 217, a Mr. Robert Fernandez said they are waiting on BLM. On 12/2/08
2. LHWD contacted Kevin Rogers about the signs for inside the disposal facility. Signs are still not in.
3. Send daily reports to sink hole list.
4. Continue to gather data and build long term plan.
5. LHWD will continue to maintain daily incident command, site safety, and the monitoring of the hole.

Contact Dick Maloney from Loco Hills Water Disposal Co. at 575-677-2118

**Chavez, Carl J, EMNRD**

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**From:** jrm@pvtnetworks.net  
**Sent:** Tuesday, December 02, 2008 2:23 PM  
**To:** Price, Wayne, EMNRD; Kostrubala, Thaddeus; Scott Magness; Carr, Jim A.; VonGonten, Glenn, EMNRD; David Herrell; Chavez, Carl J, EMNRD; Brian Henington; Dick Maloney  
**Subject:** 12-2-08 Daily Log  
**Attachments:** 12-2-08.doc

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**Loco Hills Water Disposal Co.**  
**P.O. Box 68**  
**Loco Hills, New Mexico 88255**

**Daily Site Safety Work Plan, Process, Public, and  
Worksite Protection Plan for 12-2-08**

**For**

**Loco Hills Water Disposal**  
**Loco Hills, NM**  
**Brine Well NO. 021**

# Daily Objectives and Status

## Daily Survey

North - South: 243ft.

Northwest - Southeast: 228 ft.

West - East: 228 ft.

Southwest - Northeast: 235 ft.

There were no bystanders that came by the site.

## **Action Items for 12-2-08**

1. LHWD called Eddy County Road to check on Road 217, a Mr. Robert Fernandez said they are waiting on BLM.
2. LHWD contacted Kevin Rogers about the signs for inside the disposal facility.
3. Send daily reports to sink hole list.
4. Continue to gather data and build long term plan.
5. LHWD will continue to maintain daily incident command, site safety, and the monitoring of the hole.

Contact Dick Maloney from Loco Hills Water Disposal Co. at 575-677-2118

**Chavez, Carl J, EMNRD**

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**From:** jrm@pvtnetworks.net  
**Sent:** Monday, December 01, 2008 12:39 PM  
**To:** Price, Wayne, EMNRD; Kostrubala, Thaddeus; Scott Magness; Carr, Jim A.; VonGonten, Glenn, EMNRD; David Herrell; Chavez, Carl J, EMNRD; Brian Henington; Dick Maloney  
**Subject:** daily log  
**Attachments:** daily log 12-1-08.doc

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**Loco Hills Water Disposal Co.**  
**P.O. Box 68**  
**Loco Hills, New Mexico 88255**

**Daily Site Safety Work Plan, Process, Public, and  
Worksite Protection Plan for 12-1-08**

**For**

**Loco Hills Water Disposal**  
**Loco Hills, NM**  
**Brine Well NO. 021**

# Daily Objectives and Status

## Daily Survey

North - South: 243ft.

Northwest - Southeast: 228 ft.

West - East: 228 ft.

Southwest - Northeast: 234 ft.

SWSS continues safety procedures at Loco Hills Water Disposal. Eddy County Road Department had arrived to change out the batteries on their barrels. There were no bystanders that came by the site.

## **Action Items for 12-1-08**

1. LHWD discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road.
2. LHWD contacted Kevin Rogers about the signs inside the disposal facility.
3. Send daily reports to OCD.
4. Continue to gather data and build long term plan.
5. LHWD will continue to maintain daily incident command, site safety, and the monitoring of the hole.

Contact Dick Maloney from Loco Hills Water Disposal Co. at 575-677-2118

**Chavez, Carl J, EMNRD**

---

**From:** jrm@pvtnetworks.net  
**Sent:** Monday, December 01, 2008 9:01 AM  
**To:** Price, Wayne, EMNRD; Kostrubala, Thaddeus; Scott Magness; Pat Dunstan; Carr, Jim A.; VonGonten, Glenn, EMNRD; David Herrell; Chavez, Carl J, EMNRD; Brian Henington; Dick Maloney  
**Subject:** DAILY LOG 12-1-08  
**Attachments:** daily log 12-1-08.odt

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## Chavez, Carl J, EMNRD

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**From:** Scott Magness [swss@leaco.net]  
**Sent:** Wednesday, November 26, 2008 1:47 PM  
**To:** bhenington@slo.state.nm.us; Chavez, Carl J, EMNRD; david\_herrell@blm.gov; VonGonten, Glenn, EMNRD; Carr, Jim A.; jrm@pvtnetworks.net; Price, Wayne, EMNRD  
**Subject:** [Fwd: Re: Loco Hills Request for Removal]  
**Attachments:** RE: Loco Hills Request for Removal



RE: Loco Hills  
Request for Rem...

*This is a copy of the formal letter stating that Southwest Safety could pull out of Loco Hills.*

If you have any questions please dont hesitate to call! Thanks Collette

---

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## Chavez, Carl J, EMNRD

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**From:** Scott Magness [swss@leaco.net]  
**Sent:** Wednesday, November 26, 2008 1:25 PM  
**To:** Carr, Jim A.; jrm@pvtnetworks.net; Chavez, Carl J, EMNRD; bhenington@slo.state.nm.us; pdunstan@markel.corp.com; Kostrubala, Thaddeus; VonGonten, Glenn, EMNRD; Price, Wayne, EMNRD  
**Subject:** Daily Logs of Activity BW-21 11/24/08 to 11/25/08  
**Attachments:** Daily Logs of Activity BW-21 11-24-08.doc; Daily Logs of Activity BW-21 11-25-08.doc



Daily Logs of  
Activity BW-21 1...



Daily Logs of  
Activity BW-21 1...

If you have any questions, please give us a call! Thanks!

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## Chavez, Carl J, EMNRD

---

**From:** Scott Magness [swss@leaco.net]  
**Sent:** Wednesday, November 26, 2008 1:25 PM  
**To:** Carr, Jim A.; jrm@pvtnetworks.net; Chavez, Carl J, EMNRD; bhenington@slo.state.nm.us; pdunstan@markel.corp.com; Kostrubala, Thaddeus; VonGonten, Glenn, EMNRD; Price, Wayne, EMNRD  
**Subject:** Daily Logs of Activity BW-21 11/24/08 to 11/25/08  
**Attachments:** Daily Logs of Activity BW-21 11-24-08.doc; Daily Logs of Activity BW-21 11-25-08.doc



Daily Logs of  
Activity BW-21 1...



Daily Logs of  
Activity BW-21 1...

If you have any questions, please give us a call! Thanks!

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## SOUTHWEST SAFETY SPECIALISTS

2325 W. County Road  
P.O. Box 5169  
Hobbs, NM 88241  
505-393-3072 Fax 505-393-3082  
1-800-477-2918  
Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-24-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

# Daily Objectives and Status

## Daily Survey

North - South: 231 ft.  
Northwest - Southeast: 222 ft.  
West - East: 219 ft.  
Southwest - Northeast: 234 ft.

SWSS continues safety procedures at Loco Hills Water Disposal. Jim Carr stopped by to check on the progress with the road. He was also wanting to check on the collapse site. There was one bystander that was wanting to know of a detour to get around of the collapse site.

## **Action Items for 11-25-08**

1. SWSS discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road
2. SWSS contacted Kevin Rogers about the signs inside the disposal facility.
3. Send daily reports to OCD
4. Continue to gather data and build long term plan
5. SWSS will continue to maintain 24 hour incident command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness @ 575-441-2479



## SOUTHWEST SAFETY SPECIALISTS

2325 W. County Road  
P.O. Box 5169  
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E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-25-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

# Daily Objectives and Status

## Daily Survey

North - South: 234 ft.

Northwest - Southeast: 222 ft.

West - East: 222 ft.

Southwest - Northeast: 234 ft.

SWSS continues safety procedures at Loco Hills Water Disposal. Eddy County Road Department had arrived to change out the batteries on their barrels. There were no bystanders that came by the site.

## **Action Items for 11-26-08**

1. SWSS discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road
2. SWSS contacted Kevin Rogers about the signs inside the disposal facility.
3. SWSS will be training Dick Maloney in surveying the site, making a template for the reports, and sending them to the appropriate contacts
4. Send daily reports to OCD
5. Continue to gather data and build long term plan
6. SWSS will continue to maintain 24 hour incident command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness @ 575-441-2479

**Chavez, Carl J, EMNRD**

---

**From:** jrm@pvtnetworks.net  
**Sent:** Wednesday, November 26, 2008 11:43 AM  
**To:** Price, Wayne, EMNRD; Kostrubala, Thaddeus; Pat Dunstan; Carr, Jim A.; VonGonten, Glenn, EMNRD; David Herrell; Chavez, Carl J, EMNRD; Brian Henington; Scott Magness  
**Subject:** daily log 11/26/08  
**Attachments:** Daily Logs of Activity BW-21 11-26-08.doc

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

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**Loco Hills Water Disposal Co.**  
**P.O. Box 68**  
**Loco Hills, New Mexico 88255**

**Daily Site Safety Work Plan, Process, Public, and  
Worksite Protection Plan for 11-26-08**

**For**

**Loco Hills Water Disposal**  
**Loco Hills, NM**  
**Brine Well NO. 021**

# Daily Objectives and Status

## Daily Survey

North - South: 240 ft.  
Northwest - Southeast: 222 ft.  
West - East: 228 ft.  
Southwest - Northeast: 234 ft.

SWSS continues safety procedures at Loco Hills Water Disposal. Eddy County Road Department had arrived to change out the batteries on their barrels. There were no bystanders that came by the site.

## **Action Items for 11-27-08**

1. LHWD discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road.
2. LHWD contacted Kevin Rogers about the signs inside the disposal facility.
3. Send daily reports to OCD.
4. Continue to gather data and build long term plan.
5. LHWD will continue to maintain daily incident command, site safety, and the monitoring of the hole.

Contact Dick Maloney from Loco Hills Water Disposal Co. at 575-677-2118



## SOUTHWEST SAFETY SPECIALISTS

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Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-24-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

# Daily Objectives and Status

## Daily Survey

North - South: 231 ft.  
Northwest - Southeast: 222 ft.  
West - East: 219 ft.  
Southwest - Northeast: 234 ft.

SWSS continues safety procedures at Loco Hills Water Disposal. Jim Carr stopped by to check on the progress with the road. He was also wanting to check on the collapse site. There was one bystander that was wanting to know of a detour to get around of the collapse site.

## **Action Items for 11-25-08**

1. SWSS discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road
2. SWSS contacted Kevin Rogers about the signs inside the disposal facility.
3. Send daily reports to OCD
4. Continue to gather data and build long term plan
5. SWSS will continue to maintain 24 hour incident command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness @ 575-441-2479



## SOUTHWEST SAFETY SPECIALISTS

---

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P.O. Box 5169  
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Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-25-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

# Daily Objectives and Status

## Daily Survey

North - South: 234 ft.  
Northwest - Southeast: 222 ft.  
West - East: 222 ft.  
Southwest - Northeast: 234 ft.

SWSS continues safety procedures at Loco Hills Water Disposal. Eddy County Road Department had arrived to change out the batteries on their barrels. There were no bystanders that came by the site.

## **Action Items for 11-26-08**

1. SWSS discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road
2. SWSS contacted Kevin Rogers about the signs inside the disposal facility.
3. SWSS will be training Dick Maloney in surveying the site, making a template for the reports, and sending them to the appropriate contacts
4. Send daily reports to OCD
5. Continue to gather data and build long term plan
6. SWSS will continue to maintain 24 hour incident command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness @ 575-441-2479

## Chavez, Carl J, EMNRD

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**From:** Price, Wayne, EMNRD  
**Sent:** Tuesday, November 25, 2008 12:57 PM  
**To:** Gibson, Dan; Chavez, Carl J, EMNRD  
**Subject:** RE: R6 review of Sunco fall-off tests (UICI-5)

**Attachments:** image001.gif



image001.gif (12  
KB)

Approved. Have a good turkey day.

Wayne Price-Environmental Bureau Chief  
Oil Conservation Division  
1220 S. Saint Francis  
Santa Fe, NM 87505  
E-mail wayne.price@state.nm.us  
Tele: 505-476-3490  
Fax: 505-476-3462

-----Original Message-----

From: Gibson, Dan [mailto:dgibson@keyenergy.com]  
Sent: Tue 11/25/2008 7:30 AM  
To: Chavez, Carl J, EMNRD  
Cc: Price, Wayne, EMNRD  
Subject: FW: R6 review of Sunco fall-off tests (UICI-5)

Mr. Chavez:

I am sending this message again as I received a system message indicating this email was not transmitted to you.

Thanks again.

---

Daniel K. Gibson, P.G. | Key Energy Services, Inc. | Corporate Environmental Manager

6 Desta Drive, Suite 4400, Midland, TX 79705 | o: 432.571.7536 | c:  
432.638-6134 | e: dgibson@keyenergy.com <mailto:dgibson@keyenergy.com>

-----Original Message-----

From: Gibson, Dan  
Sent: Tuesday, November 25, 2008 8:25 AM  
To: 'Chavez, Carl J, EMNRD'  
Cc: Wayne Price  
Subject: FW: R6 review of Sunco fall-off tests (UICI-5)

Mr. Chavez:

Key Energy Services, Inc. is not contesting EPA's Fall-Off Test requirement for Class I non-hazardous wells. Key will prepare a response to the issues raised in the EPA PowerPoint presentation. In order to allow sufficient time for the necessary file review and to locate the requested information, Key is requesting a 30-day extension to the November 28 deadline.

Thanks.

---

Daniel K. Gibson, P.G. | Key Energy Services, Inc. | Corporate Environmental Manager

6 Desta Drive, Suite 4400, Midland, TX 79705 | o: 432.571.7536 | c:  
432.638-6134 | e: dgibson@keyenergy.com <mailto:dgibson@keyenergy.com>

-----Original Message-----

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]  
Sent: Tuesday, October 28, 2008 12:28 PM  
To: Philliber, Mark  
Cc: Price, Wayne, EMNRD  
Subject: FW: R6 review of Sunco fall-off tests (UICI-5)

Mark:

I sent EPA comments and/or concerns on the Key Energy Services, LLC (Key) Class I well to Terry Duffy on September 10, 2008 (see msg. below), but have yet to receive a reply.

It seems Mr. Duffey has been questioning the Class I Well requirements and the OCD has responded. To date, Key is the only company that is questioning the EPA Fall-Off Test requirement for Class I (non-hazardous) wells. I am unsure of whether this is the position of the Consultant performing the Fall-Off Test for Key or whether it is Key's position. If this is Key's position, please reply reasserting your position to not run an annual Fall-Off Test. The EPA has made it very clear that the Fall-Off Test is required by regulation to be performed annually.

Lastly, please find attached the power point presentation review of Key's most recent Fall-Off Test. Please review the comments, concerns and/or questions respond directly to me with Key's responses and recommendations based on the review within 30 days of receipt of this message. Any submittals, i.e., log-log plots to compliment the test. Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM

New Mexico Energy, Minerals & Natural Resources Dept.

Oil Conservation Division, Environmental Bureau

1220 South St. Francis Dr., Santa Fe, New Mexico 87505

Office: (505) 476-3491

Fax: (505) 476-3462

E-mail: CarlJ.Chavez@state.nm.us <mailto:CarlJ.Chavez@state.nm.us>

Website: <http://www.emnrd.state.nm.us/ocd/> <<http://www.emnrd.state.nm.us/ocd/>> index.htm

(Pollution Prevention Guidance is under "Publications")

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From: Chavez, Carl J, EMNRD  
Sent: Wednesday, September 10, 2008 4:19 PM  
To: 'EverQuest@nts-online.net'  
Cc: Mark Philliber; Price, Wayne, EMNRD; Jones, William V., EMNRD; Perrin, Charlie, EMNRD;  
'McKenzie.Susie@epamail.epa.gov'; Sanchez, Daniel J., EMNRD  
Subject: FW: R6 review of Sunco fall-off tests (UICI-5)

Mr. Duffey:

KEY ENERGY SERVICES, LLC.

Key-SUNCO TRUCKING COMPANY Well #1 CLASS I (GW-235)

30-045-28653

-2-29 N-12 W

I-5

San Juan

Aztec

Please find attached an EPA Microsoft Power Point analysis of the Key Energy Services, LLC Sunco EPA UIC Class I Well fall-off test.

Please respond to the comments therein. As stated in the EPA analysis of the fall-off test, the fall-off test is an annual requirement by law.

If you wish to discuss the matter further, please contact the USEPA (see information below).

Thank you.

Carl J. Chavez, CHMM

New Mexico Energy, Minerals & Natural Resources Dept.

Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
Office: (505) 476-3491  
Fax: (505) 476-3462  
E-mail: CarlJ.Chavez@state.nm.us  
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>  
(Pollution Prevention Guidance is under "Publications")

-----Original Message-----

From: McKenzie.Susie@epamail.epa.gov  
[mailto:McKenzie.Susie@epamail.epa.gov]  
Sent: Wednesday, September 10, 2008 10:23 AM  
To: Chavez, Carl J, EMNRD  
Cc: Johnson.Ken-E@epamail.epa.gov; Graves.Brian@epamail.epa.gov; Dellinger.Philip@epamail.epa.gov;  
Pham.Lisa@epamail.epa.gov  
Subject: R6 review of Sunco falloff tests

Carl,

Ken and I reviewed the 2007 and 2008 falloff tests for the Sunco Disposal Well No. 1. Attached are comments on the falloff test responses observed and general comments on the annual UIC requirements for Class I non-hazardous waste wells. Give us a call if you would like to go over the information in more detail.

Susie

Susie Lopez McKenzie, PE  
EPA Region 6 (6WQ-SG)  
214-665-7198  
mckenzie.susie@epa.gov

(See attached file: Sunco.ppt)

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**Chavez, Carl J, EMNRD**

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Monday, November 24, 2008 4:25 PM  
**To:** Scott Magness; jrm@pvtnetworks.net  
**Cc:** Price, Wayne, EMNRD  
**Subject:** RE: Loco Hills Request for Removal  
**Attachments:** "AVG certification"

Dear Mr. Magness:

The New Mexico Oil Conservation Division (OCD) has reviewed your request to amend the Southwest Safety Specialists (SWSS) Site Safety Work Plan, Process, Public and Worksite Protection Plan for the Loco Hills Water Disposal, Brine Well NO. 021, dated November 24, 2008. The OCD hereby conditionally approves the amended Plan:

Loco Hills Water Disposal must obtain approval from the OCD of any reduction from daily monitoring at the site.

Also, please be advised that OCD approval of this amended plan does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen  
Hydrologist  
Environmental Bureau

-----Original Message-----

**From:** Scott Magness [mailto:swss@leaco.net]  
**Sent:** Monday, November 24, 2008 3:57 PM  
**To:** Hansen, Edward J., EMNRD  
**Subject:** Loco Hills Request for Removal

If you have any questions, please give us a call! Thanks!

---

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

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**Chavez, Carl J, EMNRD**

---

**From:** Scott Magness [swss@leaco.net]  
**Sent:** Monday, November 24, 2008 11:28 AM  
**To:** bhenington@slo.state.nm.us; Chavez, Carl J, EMNRD; david\_herrell@blm.gov; VonGonten, Glenn, EMNRD; Carr, Jim A.; marbob@marbob.com; pdunstan@markel.corp.com; rharris@yahoo.com; jrm@pvtnetworks.net; Kostrubala, Thaddeus; Price, Wayne, EMNRD  
**Subject:** Daily Reports for Loco Hills 11/21-23/2008  
**Attachments:** Daily Logs of Activity BW-21 11-23-08.doc; Daily Logs of Activity BW-21 11-21-08.doc; Daily Logs of Activity BW-21 11-22-08.doc



Daily Logs of Activity BW-21 1...    Daily Logs of Activity BW-21 1...    Daily Logs of Activity BW-21 1...

If you have any questions please dont hesitate to call! Thanks! Collette

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## SOUTHWEST SAFETY SPECIALISTS

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2325 W. County Road  
P.O. Box 5169  
Hobbs, NM 88241  
505-393-3072 Fax 505-393-3082  
1-800-477-2918  
Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-23-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

# Daily Objectives and Status

## AM Survey

North - South: 228 ft.  
Northwest - Southeast: 222 ft.  
West - East: 219 ft.  
Southwest - Northeast: 234 ft.

SWSS continues safety procedures at Loco Hills Water Disposal. Arturo Villanueva and Daniel Emery did a thorough walk through on the west end of the site. They looked over and took pictures of cracks that are currently widening on the western edge of the sink hole. There were no bystanders that came by the site from 12 am to 7:15 am. At that time Daniel Emery took over safety procedures till 6 pm in the evening.

## PM Survey

North - South: 228 ft.  
Northwest -Southeast: 222 ft.  
West -East: 219 ft.  
Southwest -Northeast: 234 ft.

## **Action Items for 11-24-08**

1. SWSS discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road.
2. SWSS contacted Kevin Rogers about the signs inside the disposal facility.
3. Send daily reports to OCD and all other parties involved.
4. Continue to gather data and build long term plan
5. SWSS will continue to maintain 24 hour incident command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness @ 575-441-2479



## **SOUTHWEST SAFETY SPECIALISTS**

2325 W. County Road  
P.O. Box 5169  
Hobbs, NM 88241  
505-393-3072 Fax 505-393-3082  
1-800-477-2918  
Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-21-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

# Daily Objectives and Status

## AM Survey

North - South: 219ft  
Northwest - Southeast: 219ft  
West - East: 213ft  
Southwest - Northeast: 234ft

SWSS Finished placing all state signs around the facility from 10:00 am to 12:00 pm. Photos were taken of barrels that were used as a barricade in front of the berms. A yard stick was used to show a type of measurement for the width of Concentric Crack. At 2:25 pm, SWSS spoke to the Supply Store about the signs that will be put on the safe zone fence in the facility. They will be making these signs and should have them soon.

## PM Survey

North - South: 228 ft.  
Northwest -Southeast: 219 ft.  
West -East: 213 ft.  
Southwest -Northeast: 234 ft.

## **Action Items for 11-22-08**

1. SWSS discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road.
2. SWSS contacted Kevin Rogers about the signs inside the disposal facility.
3. Send daily reports to OCD and all other parties involved.
4. Continue to gather data and build long term plan.
5. SWSS will continue to maintain 24 hour incident command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness @ 575-441-2479



## SOUTHWEST SAFETY SPECIALISTS

2325 W. County Road  
P.O. Box 5169  
Hobbs, NM 88241  
505-393-3072 Fax 505-393-3082  
1-800-477-2918  
Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-22-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

# Daily Objectives and Status

## AM Survey

North - South: 228 ft.  
Northwest - Southeast: 216 ft.  
West - East: 219 ft.  
Southwest - Northeast: 210 ft.

SWSS continued safety procedures at Loco Hills Water Disposal. Throughout the day two trucks came by asking about the site. General questions were answered and they were informed that new routes are being planned for the 217 road. With the constant wind gusts road blocks were checked often. All were looked at and made secure and stable. There was no unusual activity at the site throughout the day.

## PM Survey

North - South: 228 ft.  
Northwest - Southeast: 218 ft.  
West - East: 219 ft.  
Southwest - Northeast: 220 ft.

## **Action Items for 11-23-08**

1. SWSS discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road.
2. SWSS contacted Kevin Rogers about the signs inside the disposal facility.
3. Send daily reports to OCD and all other parties involved.
4. Continue to gather data and build long term plan
5. SWSS will continue to maintain 24 hour incident command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness @ 575-441-2479

## Chavez, Carl J, EMNRD

---

**From:** Scott Magness [swss@leaco.net]  
**Sent:** Monday, November 24, 2008 8:12 AM  
**To:** Carr, Jim A.; rharris@yahoo.com; marbob@marbob.com; Chavez, Carl J, EMNRD; bhenington@slo.state.nm.us; pdunstan@markel.corp.com; VonGonten, Glenn, EMNRD; jrm@pvtnetworks.net; david\_herrell@blm.gov; Price, Wayne, EMNRD  
**Subject:** Loco Hills pictures 2  
**Attachments:** DSC\_0119.JPG; DSC\_0127.JPG; DSC\_0132.JPG



DSC\_0119.JPG (2  
MB)



DSC\_0127.JPG (1  
MB)



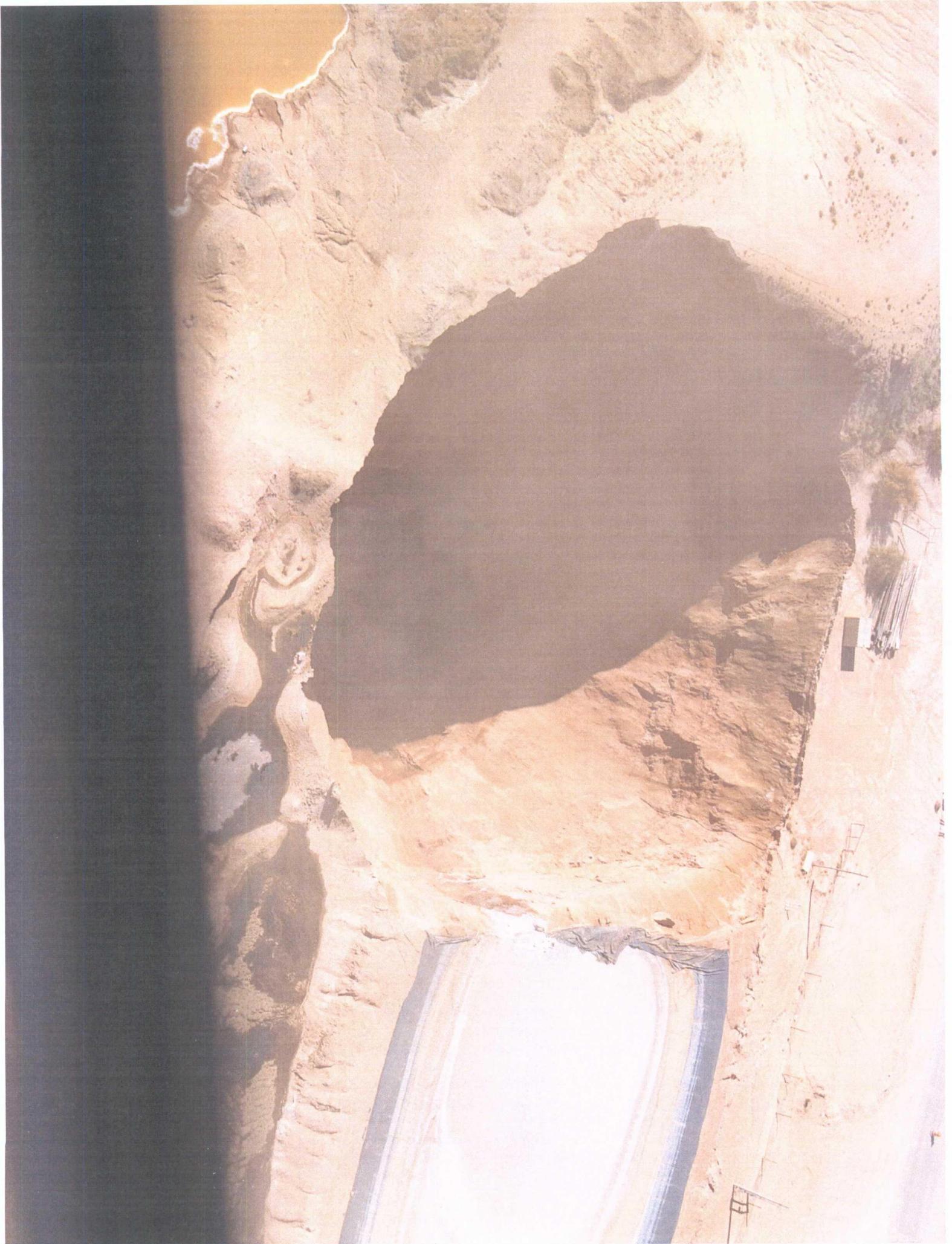
DSC\_0132.JPG (1  
MB)

If you have any questions. Please don't hesitate to call! Thanks!

---

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**Chavez, Carl J, EMNRD**

---

**From:** Scott Magness [swss@leaco.net]  
**Sent:** Monday, November 24, 2008 7:58 AM  
**To:** Carr, Jim A.; rharris@yahoo.com; marbob@marbob.com; Chavez, Carl J, EMNRD;  
bhenington@slo.state.nm.us; pdunstan@markel.corp.com; VonGonten, Glenn, EMNRD;  
jrm@pvtnetworks.net; david\_herrell@blm.gov; Price, Wayne, EMNRD  
**Subject:** Loco Hills pictures 1

**Attachments:** DSC\_0278.JPG; DSC\_0277.JPG; DSC\_0281.JPG



DSC\_0278.JPG (2 MB)



DSC\_0277.JPG (2 MB)



DSC\_0281.JPG (2 MB)

If you have any questions or comments please don't hesitate to call!

Thanks! Collette

---

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---

**Chavez, Carl J, EMNRD**

---

**From:** Scott Magness [swss@leaco.net]  
**Sent:** Monday, November 24, 2008 7:58 AM  
**To:** Carr, Jim A.; rharris@yahoo.com; marbob@marbob.com; Chavez, Carl J, EMNRD; bhenington@slo.state.nm.us; pdunstan@markel.corp.com; VonGonten, Glenn, EMNRD; jrm@pvtnetworks.net; david\_herrell@blm.gov; Price, Wayne, EMNRD  
**Subject:** Loco Hills pictures 1

**Attachments:** DSC\_0278.JPG; DSC\_0277.JPG; DSC\_0281.JPG



DSC\_0278.JPG (2 MB)



DSC\_0277.JPG (2 MB)



DSC\_0281.JPG (2 MB)

If you have any questions or comments please don't hesitate to call!

Thanks! Collette

---

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**Loco Hills Water Disposal Co.**  
**P.O. Box 68**  
**Loco Hills, New Mexico 88255**

**Daily Site Safety Work Plan, Process, Public, and  
Worksite Protection Plan for 11-26-08**

**For**

**Loco Hills Water Disposal**  
**Loco Hills, NM**  
**Brine Well NO. 021**

## **Daily Objectives and Status**

### **Daily Survey**

North - South: 240 ft.

Northwest - Southeast: 222 ft.

West - East: 228 ft.

Southwest - Northeast: 234 ft.

SWSS continues safety procedures at Loco Hills Water Disposal. Eddy County Road Department had arrived to change out the batteries on their barrels. There were no bystanders that came by the site.

## **Action Items for 11-27-08**

1. LHWD discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road.
2. LHWD contacted Kevin Rogers about the signs inside the disposal facility.
3. Send daily reports to OCD.
4. Continue to gather data and build long term plan.
5. LHWD will continue to maintain daily incident command, site safety, and the monitoring of the hole.

Contact Dick Maloney from Loco Hills Water Disposal Co. at 575-677-2118

## Chavez, Carl J, EMNRD

---

**From:** Scott Magness [swss@leaco.net]  
**Sent:** Friday, November 21, 2008 3:50 PM  
**To:** bhenington@slo.state.nm.us; Chavez, Carl J, EMNRD; david\_herrell@blm.gov; VonGonten, Glenn, EMNRD; Carr, Jim A.; Price, Wayne, EMNRD; marbob@marbob.com; rharris@yahoo.com  
**Subject:** [Fwd: Photos]  
**Attachments:** Photos



Photos

here are a few

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## Chavez, Carl J, EMNRD

---

**From:** Scott Magness [swss@leaco.net]  
**Sent:** Friday, November 21, 2008 2:27 PM  
**To:** bherington@slo.state.nm.us; Chavez, Carl J, EMNRD; Carr, Jim A.;  
pdunstan@markel.corp.com; david\_herrell@blm.gov; jrm@pvtnetworks.net; VonGonten,  
Glenn, EMNRD; Price, Wayne, EMNRD  
**Subject:** daily report for 11-20-2008  
**Attachments:** Daily Logs of Activity BW-21 11-20-08.doc



Daily Logs of  
Activity BW-21 1...

If you have any questions please dont hesitate to call! Thanks! Collette

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## SOUTHWEST SAFETY SPECIALISTS

2325 W. County Road  
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Hobbs, NM 88241  
505-393-3072 Fax 505-393-3082  
1-800-477-2918  
Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-20-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

## Daily Objectives and Status

### AM Survey

North - South: 213ft

Northwest - Southeast: 219ft

West - East: 207ft

Southwest - Northeast: 219ft

9:00am Surveyed and recorded the area inside the disposal facility that was staked off with the red/white (candy striped) flagging, the "safe zone" measured 1200ft from edge to edge of the fence that was constructed earlier in the day. 12:14pm SWSS contacted Kevin Rogers and left a brief message regarding information about signs for the safety barrier fence inside the disposal facility. 12:27pm Contacted Frank Weldon on the issue of barricades and warning signs, his comments were as follows "there is no need for permanent signs or barricades until the collapse site stabilizes." "The location for a detour route for county rd. 217 has not yet been determined." A meeting has been scheduled for Monday morning October 24<sup>th</sup> 2008 to further discuss the issue. The safety barrier fence inside the disposal facility was completed October 20<sup>th</sup> 2008 at 4:00pm. Two of the orange barrels with reflective tape have been relocated to the north side of the north barrier fence, and two to the south side of the south barrier fence for safety purposes.

## **Pm Survey**

North - South: 219ft  
Northwest -Southeast: 219ft  
West -East: 210ft  
Southwest -Northeast: 231ft

### **Action Items for 11-19-08**

1. SWSS discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road. It was also discussed to have reflective barricades up for day and night.
2. SWSS contacted Kevin Rogers about signs for the safety barrier inside the disposal facility.
3. SWSS need to place signs along fence line for State land .
4. Send daily reports to OCD and all other parties involved.
5. Continue to gather data and build long term plan.
6. SWSS will continue to maintain 24 hour incident command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness @ 575-441-2479

**Chavez, Carl J, EMNRD**

---

**From:** Arturo Villanueva [villanueva61607@gmail.com]

**Sent:** Friday, November 21, 2008 8:37 AM

**To:** swss@leaco.net

**Subject:** Photos

**Attachments:** DSC\_0071.JPG; DSC\_0079.JPG; DSC\_0103.JPG; "AVG certification"

send to contacts

## Chavez, Carl J, EMNRD

---

**From:** Scott Magness [swss@leaco.net]  
**Sent:** Thursday, November 20, 2008 11:59 AM  
**To:** Chavez, Carl J, EMNRD; bhenington@slow.state.nm.us; pdunstan@markel.corp.com; Price, Wayne, EMNRD; david\_herrell@blm.gov; jrm@pvtnetworks.net; VonGonten, Glenn, EMNRD; jcarr@sol.state.nm.us  
**Subject:** Daily log 11-18-2008 and 11-19-2008  
**Attachments:** Daily Logs of Activity BW-21 11-18-08-1.doc; Daily Logs of Activity BW-21 11-19-08.doc



Daily Logs of Activity BW-21 1...    Daily Logs of Activity BW-21 1...

If you have any questions please dont hesitate to call! Thanks! Collette

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## SOUTHWEST SAFETY SPECIALISTS

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2325 W. County Road  
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Hobbs, NM 88241  
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1-800-477-2918  
Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-18-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

## Daily Objectives and Status

A Halliburton crew arrived (at 5:43am) looking for a detour route around the Collapse Site to their scheduled location. He was directed to take Eddy County Road 218. At 7:32am Southwest Safety Specialists measured and surveyed the size of the collapsed site. It measured: 210ft North to South, 204ft East to West, 219ft Northwest to Southeast, 216ft Southwest to Northeast. Southwest Safety Specialists completed staking off the facility side safety barrier, and marked it with red/white flagging. 9:30 - 10:15 am Dick Maloney constructed a berm on the south side of co. rd. 217. 10:00am Scott Magness called Johnny Grey with Marbob, and discussed flying with him to get an aerial photo of the collapse site. 2:10 pm Scott Magness spoke with Wayne Price in regard to detour signs for Eddy County Road 217. Reflective signs need to be placed on the barricade for over night traffic. Southwest Safety Specialists need to contact Eddy County Road Department about the future by-pass road for Eddy County Road 217 and its progress. There was also some discussion about constructing a t-post and wire fence on the berms with the stakes marking the red zone inside the facility.

Southwest Safety Specialists placed signs along fence line for the BLM side and will continue on the State land side. Scott Magness spoke with Terry Gregston (from BLM) she wanted the 2001 sonar reports E-Mailed to her from the Loco Hills Well Disposal No. 021 to get a better and more accurate measure for the by-pass of the new road.

**5:00 pm**

east- west 204 ft.  
100 ft. mark SW to NE 219 ft.  
100 ft. mark NE to SW 216 ft.  
North- South 216 ft.

### **Action Items for 11-19-08**

1. Southwest Safety Specialists will continue setting signs around the fence.
2. Southwest Safety Specialists spoke with Johnny Grey form Marbob agreed to take Scott M. up to take Aerial photos
3. SWSS discussed with Wayne Price about detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before they turn onto the road. Also in the discussion it was requested to have permanent barricades put in place along the berms for night and day.
4. Southwest Safety Specialists needs to place signs along fence line for State land .
5. Send daily reports to OCD and other parties involved.
6. Continue to gather data and build long term plan
7. Southwest Safety Specialists will continue to maintain 24 hour incident command, site safety, and the monitoring of the hole.

Contact SWSS at 1-800-477-2918 or Scott Magness @ 575-441-2479



## SOUTHWEST SAFETY SPECIALISTS

---

2325 W. County Road  
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E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-19-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

## Daily Objectives and Status

### AM Survey

North - South: 210ft

Northwest - Southeast: 219ft

West - East: 207ft

Southwest - Northeast: 219ft

At 8:55- 9:00am Jim Amos and Jennifer Van Curen with the Bureau of Land Management came by the SWSS briefing area to speak with Scott Magness. 9:01-9:32am Mark Mathew with supply store arrived to count the t-posts that were used to construct the four strand barbwire fence around the collapse site. SWSS escorted him around the Hot Zone, but did not enter the barrier fence. 9:43am Belton Mathews of Burnett Oil Company came out to try and speak with someone with Eddy County, regarding a waterline that he wants to run to the facility, but he will need approval to cut through the County Road 217. 10:00am -12:00pm Scott Magness waited for the arrival of the helicopter from Johnny Gray (of Marbob Energy) in order to obtain aerial photographs of the collapse site.

SWSS guided Randy Harris from Loco Hills Water Disposal and a Foreman from Tri Tex around the outside of the barrier fence in order to see the facility in operation. SWSS contacted Kevin Rogers to make plans to build a safety barrier fence inside the facility for the safety of the workers employed by Loco Hills Water Disposal.

## **Pm Survey**

North - South: 213ft  
Northwest -Southeast: 219ft  
West -East: 207ft  
Southwest -Northeast: 219ft

### **Action Items for 11-19-08**

1. SWSS and Wayne Price discussed detour signs for Eddy County Road 217, so the public by-passers will have a fair warning before turning onto the road. It was also decided to have reflective barriers put up along the berms for both day and night.
2. SWSS contacted Kevin Rogers about the construction of a wire t-post fence and signs to be placed inside the disposal facility.
3. SWSS need to place signs along fence line for State land .
4. Send daily reports to OCD and other parties involved.
5. Continue to gather data and build a long term plan.
6. SWSS will continue to maintain 24 hour incident command site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness @ 575-441-2479

**Chavez, Carl J, EMNRD**

---

**From:** VonGonten, Glenn, EMNRD  
**Sent:** Tuesday, November 18, 2008 3:50 PM  
**To:** Price, Wayne, EMNRD; Chavez, Carl J, EMNRD; Jones, Brad A., EMNRD; Lowe, Leonard, EMNRD; Snyder, Jim, EMNRD; Griswold, Jim, EMNRD  
**Subject:** FW: two more photos  
**Attachments:** NLHsink-11-18-08-3.jpg; NLHsink-11-18-08-8.jpg

*Glenn von Gonten  
Senior Hydrologist  
Environmental Bureau  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
505-476-3488  
fax -476-3462  
glenn.vongonten@state.nm.us*

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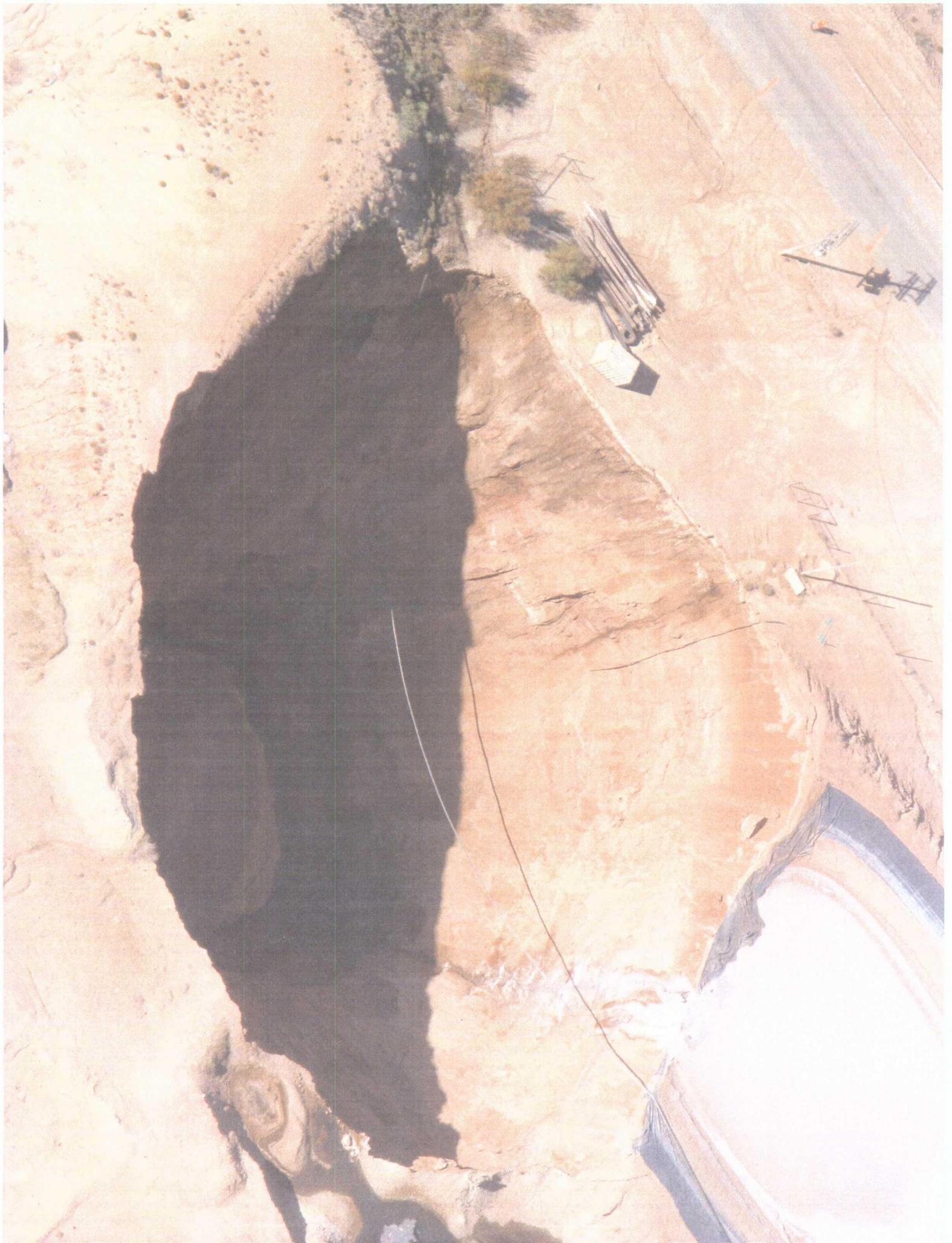
**From:** Lewis Land [mailto:lland@nckri.org]  
**Sent:** Tuesday, November 18, 2008 2:35 PM  
**To:** VonGonten, Glenn, EMNRD  
**Cc:** 'George Veni'  
**Subject:** two more photos

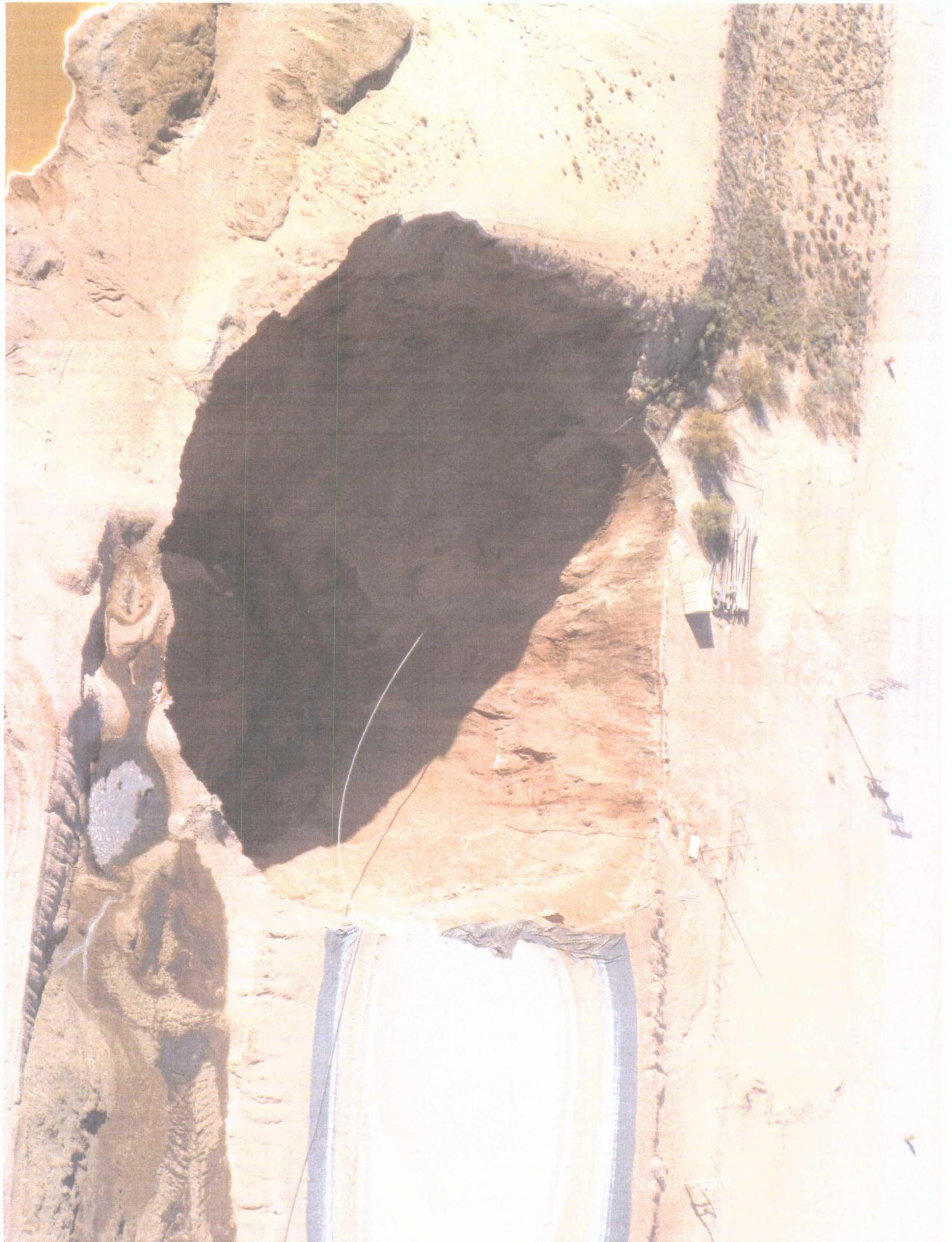
Here are the last two photos of interest from LH2. Are you still interested in convening a meeting of interested parties on the subject of sinkhole formation in the southeast New Mexico oil patch? It seems to be turning into a highly relevant topic for oilfield operators out here, as well as the general public. If so, we at the Cave & Karst Institute would be happy to host the meeting here in Carlsbad. -Lewis

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**Chavez, Carl J, EMNRD**

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**From:** VonGonten, Glenn, EMNRD  
**Sent:** Tuesday, November 18, 2008 3:49 PM  
**To:** Price, Wayne, EMNRD; Chavez, Carl J, EMNRD; Jones, Brad A., EMNRD; Lowe, Leonard, EMNRD; Snyder, Jim, EMNRD; Griswold, Jim, EMNRD; Hansen, Edward J., EMNRD  
**Subject:** FW: new photos  
**Attachments:** NLHsink-11-03-08-3.jpg

*Glenn von Gonten  
Senior Hydrologist  
Environmental Bureau  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505  
505-476-3488  
fax -476-3462  
glenn.vongonten@state.nm.us*

---

**From:** Lewis Land [mailto:liland@nckri.org]  
**Sent:** Tuesday, November 18, 2008 2:42 PM  
**To:** VonGonten, Glenn, EMNRD  
**Cc:** 'George Veni'  
**Subject:** RE: new photos

If you manage to get some photographs of the cracks in the road, I'd be very interested in seeing them. Attached is a photo taken by someone at the BLM on 11/3, showing a water tank falling into the sink. -Lewis

---

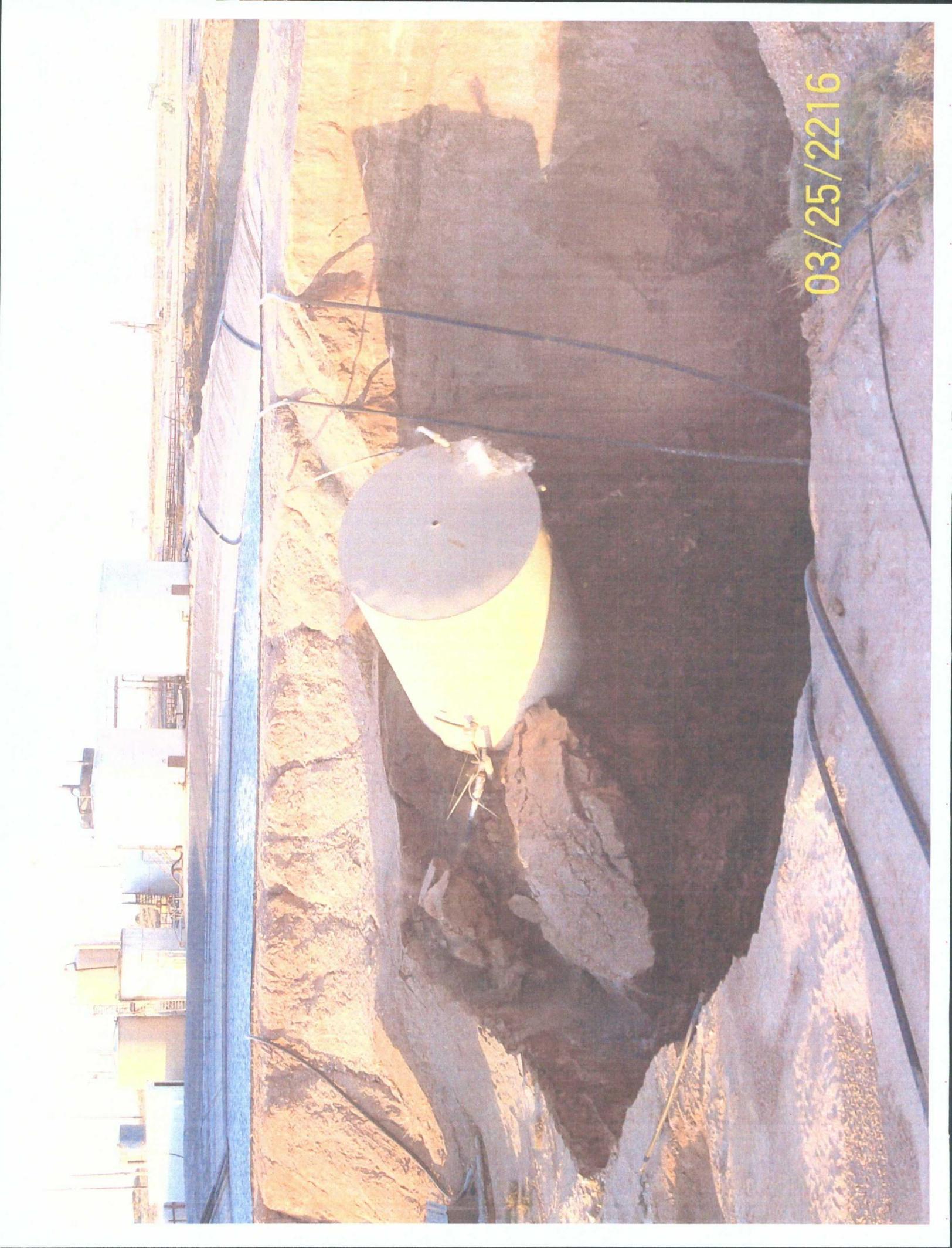
**From:** VonGonten, Glenn, EMNRD [mailto:Glenn.VonGonten@state.nm.us]  
**Sent:** Tuesday, November 18, 2008 2:32 PM  
**To:** Lewis Land  
**Subject:** RE: new photos

Thanks Lewis. Just now heard that "large" cracks have appeared in CR-217 at the new sinkhole. Should be some interesting ground photos later.

---

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03/25/2216

**Chavez, Carl J, EMNRD**

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**From:** Arturo Villanueva [villanueva61607@gmail.com]  
**Sent:** Tuesday, November 18, 2008 1:18 PM  
**To:** Chavez, Carl J, EMNRD; Dick Maloney; Jim Carr; Price, Wayne, EMNRD; VonGonten, Glenn, EMNRD; Patrica Dunstan; Phaedeus Kostravala; Brian Herington; David Herrell  
**Subject:** Daily Report of 11-17-08  
**Attachments:** Daily Logs of Activity BW-21 11-17-08.doc

report is in attachment

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## SOUTHWEST SAFETY SPECIALISTS

2325 W. County Road  
P.O. Box 5169  
Hobbs, NM 88241  
505-393-3072 Fax 505-393-3082  
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Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-17-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

## Daily Objectives and Status

Southwest Safety Specialists went out and surveyed the collapsed site at 7:15am. It measured out to 204ft east - west. At 7:45am Southwest Safety Specialists received a phone call from Jim Carr, he requested 2 additional reports and daily logs to be e-mailed to the State of New Mexico. The E-mails were added to the list of E-mail contacts.

9:32- 9:45am Robert Fernandez with Eddy County Road Department came out to survey and take pictures of the new cracks that had developed Sunday night the 16<sup>th</sup> 2008. 10:24-10:30. Jim Carr had a meeting with Brian Hennington, and Wayne Price (of OCD), between the (3) it was said that no one enters fenced off area without permission from Southwest Safety Specialists, OCD, BLM, or Dick Maloney. At 1:40 Dick Maloney started to build the berm on north side of the road and will continue Tuesday on the south side of the road. Evening survey taken at 4:49 acquired measurements of the collapse site for daily reference: measured 204ft. east - west.

## **Action Items for 11-18-08**

1. Dick Maloney started to put up berms on north end of the road and just needs to time to put up berm for rainwater or spills on the south side of the road on Tuesday.
2. SWSS will continue setting stakes, flagging, and signs around the unsafe area of the Brine Station for the safety of the employees or drivers working at the facility. This will be placed in the south of the two vessels to the east of second brine pond in potential unsafe area and across south pit to the fence.
3. Send daily reports to OCD
4. Continue to gather data and build long term plan
5. Southwest Safety Specialist will continue to maintain 24 hour instant command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness @ 575-441-2479

**Chavez, Carl J, EMNRD**

---

**From:** Armando Villanueva [mando1106@gmail.com]  
**Sent:** Monday, November 17, 2008 9:02 AM  
**To:** Chavez, Carl J, EMNRD; david\_herrell@blm.gov; VonGonten, Glenn, EMNRD; Carr, Jim A.; jrm@pvtnetworks.net; pdunstan@markel.corp.com; Price, Wayne, EMNRD; BHenington@slo.state.nm.us; Kostrubala, Thaddeus  
**Subject:** Daily Logs of Activity for 11-15-08 and 11-16 -08  
**Attachments:** Daily Logs of Activity BW-21 11-15-08.doc; Daily Logs of Activity BW-21 11-16-08.doc

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## SOUTHWEST SAFETY SPECIALISTS

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Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-15-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

## **Daily Objectives and Status**

Southwest Safety Specialist surveyed the area for H<sub>2</sub>S and all is clear. The sinkhole is continually moving and widening. At 5:00 pm, East-West measurement on 11-15-08 was at 207 ft with Bushnell range finder. At 8:45 am, a water truck came by and was wanting to know another route around to the west. SWSS official gave route that is next to Loco Hills Post Office.

## Action Items for 11-16-08

1. Dick Maloney set a time to put up berms for rainwater or spills on Monday
2. SWSS will continue setting stakes, flagging, and signs around the unsafe area of the Brine Station for the safety of the employees or drivers working at the facility. This will be placed in the south of the two vessels to the east of second brine pond in potential unsafe area and across south pit to the fence.
3. Send daily reports to OCD
4. Continue to gather data and build long term plan
5. Southwest Safety Specialist will continue to maintain 24 hour instant command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness at (575) 441-2479



## SOUTHWEST SAFETY SPECIALISTS

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2325 W. County Road  
P.O. Box 5169  
Hobbs, NM 88241  
505-393-3072 Fax 505-393-3082  
1-800-477-2918  
Web: [www.southwestss.com](http://www.southwestss.com)  
E-mail: [swss@leaco.net](mailto:swss@leaco.net)

### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-16-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

## Daily Objectives and Status

Southwest Safety Specialist surveyed the area for H<sub>2</sub>S and all is clear. The sinkhole is continually moving and widening. At 5:00 pm, East-West measurement on 11-16-08 was at 207 ft with Bushnell range finder.

At 8:00 am, A worker was looking for a way to bring in his drilling rig and was wondering why he could not use the Hagerman Cutoff. SWSS official told him that there was a sinkhole next to the road and is too dangerous for any vehicle to drive on. He was given a route that is next to Loco Hills Post Office for him to take.

At 10:10, a disgruntled traveler was wanting to go through Haggerman Cutoff and demanded another route that was a paved road. SWSS official explained to him that the sinkhole was right by the road. SWSS official was attempting to explained other routes to take, but the travel just rolled up window, backed up and took off.

At 3:05, a girlfriend of drilling rig worker was looking for another route to get to him. Once SWSS official identified where the rig was located, the official gave her the route that would be the best convenience to her.

## **Action Items for 11-17-08**

1. Dick Maloney set a time to put up berms for rainwater or spills on Monday
2. SWSS will continue setting stakes, flagging, and signs around the unsafe area of the Brine Station for the safety of the employees or drivers working at the facility. This will be placed in the south of the two vessels to the east of second brine pond in potential unsafe area and across south pit to the fence.
3. Send daily reports to OCD
4. Continue to gather data and build long term plan
5. Southwest Safety Specialist will continue to maintain 24 hour instant command, site safety, and the monitoring of the hole.

Contact Southwest Safety Specialist at 1-800-477-2918 or Scott Magness at (575) 441-2479

**Chavez, Carl J, EMNRD**

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**From:** Armando Villanueva [mando1106@gmail.com]  
**Sent:** Friday, November 14, 2008 10:05 PM  
**To:** Chavez, Carl J, EMNRD; david\_herrell@blm.gov; VonGonten, Glenn, EMNRD; Carr, Jim A.; jrm@pvtnetworks.net; pdunstan@markel.corp.com; Price, Wayne, EMNRD  
**Subject:** Pictures of the hole5  
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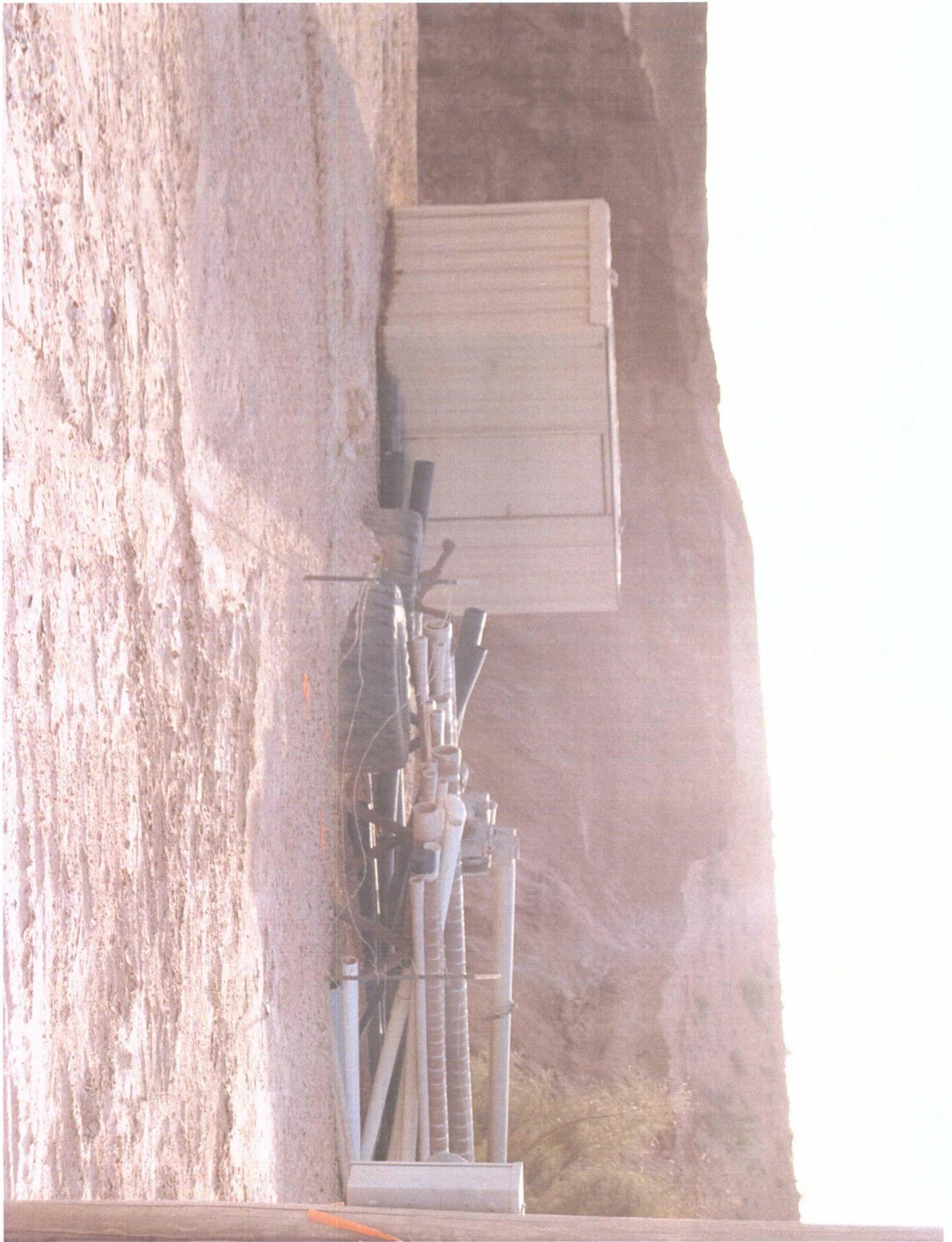
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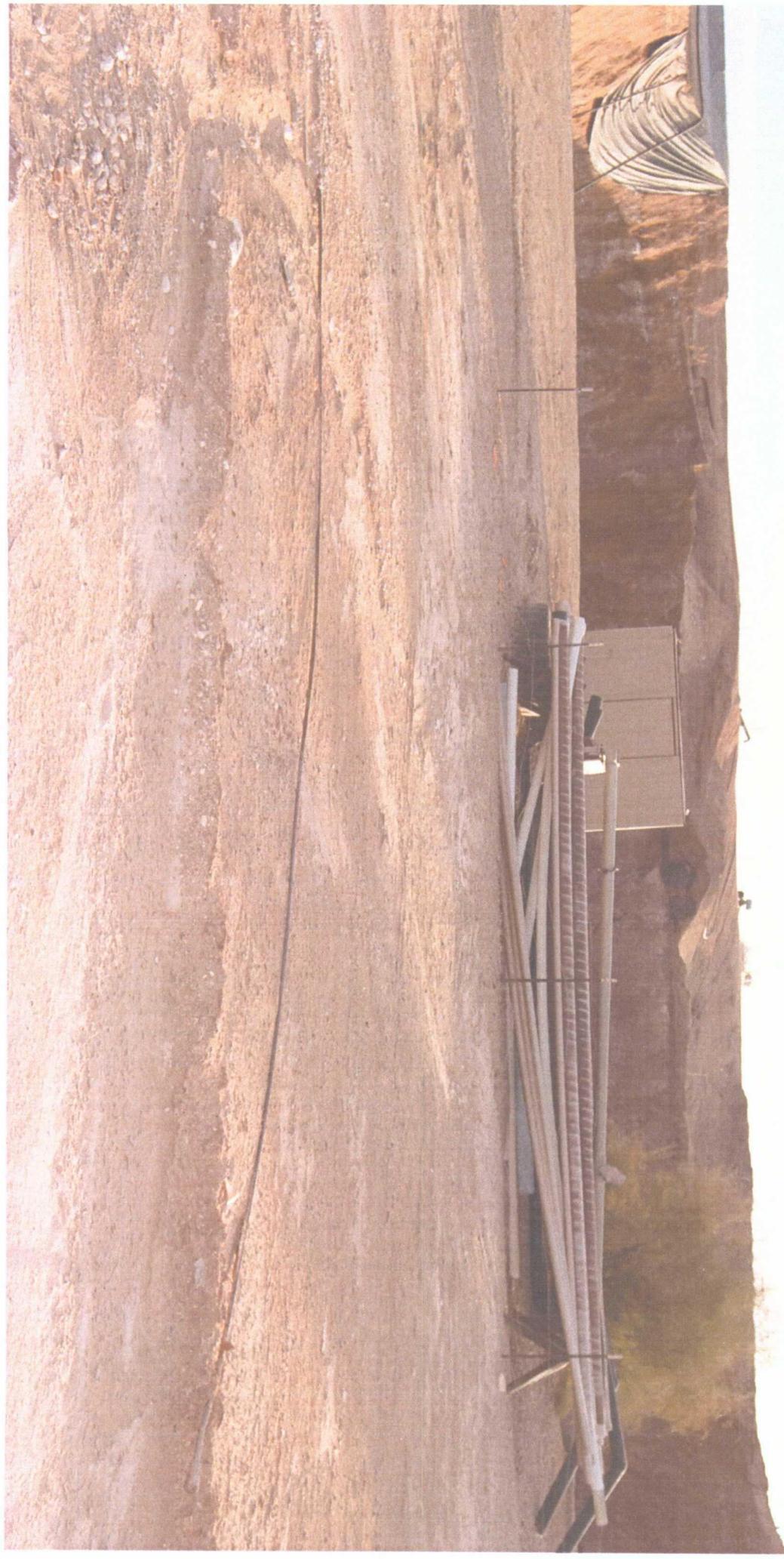
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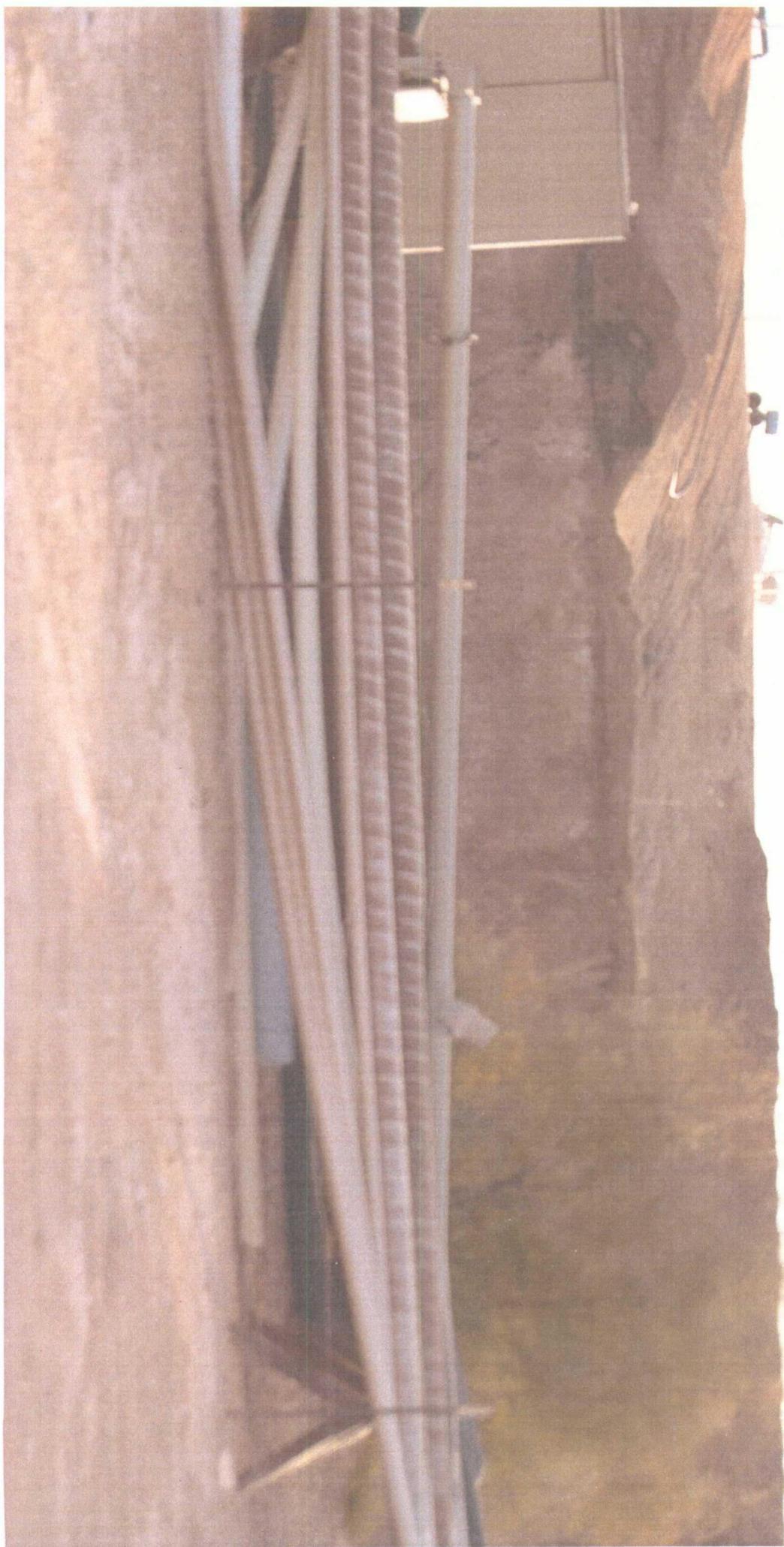
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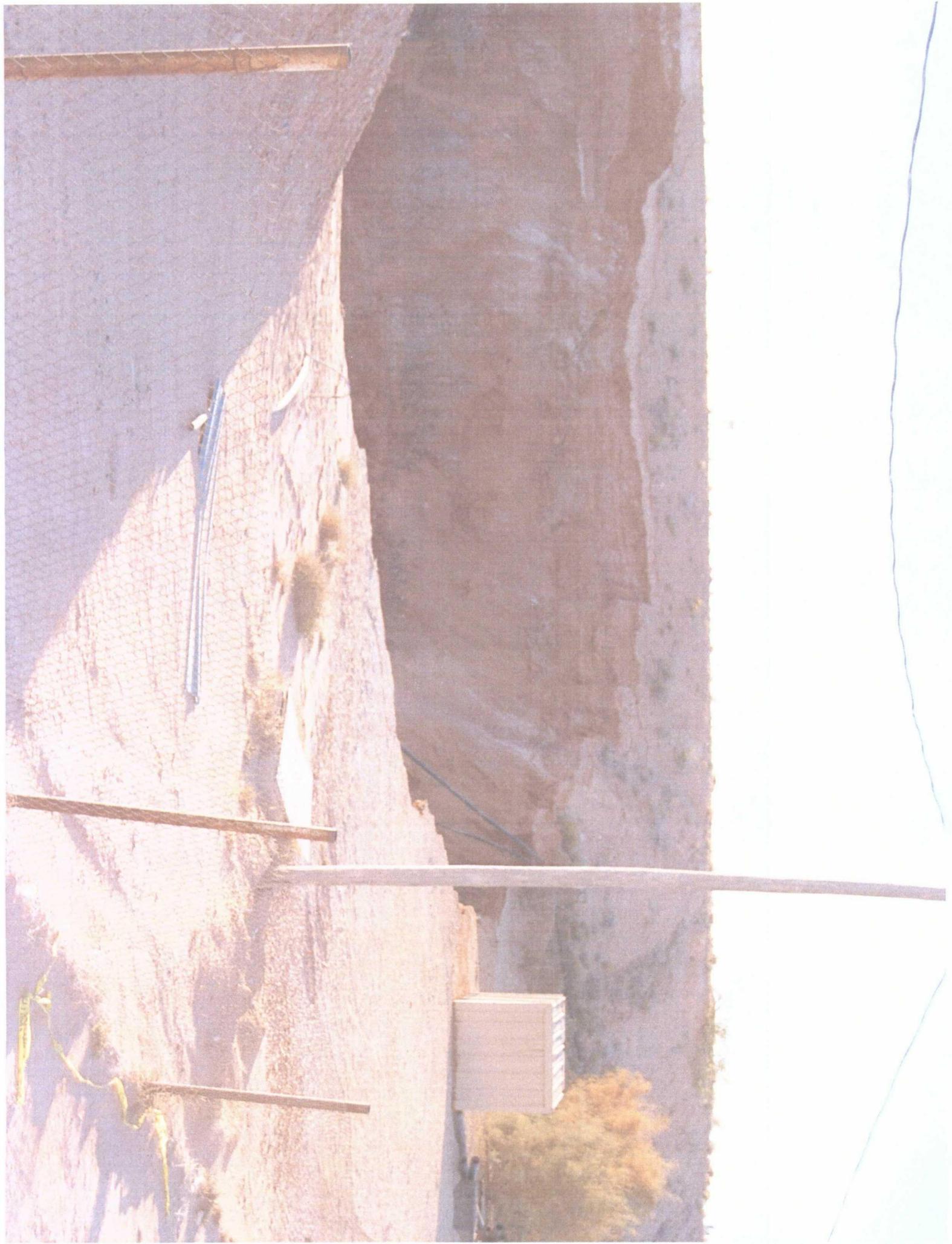




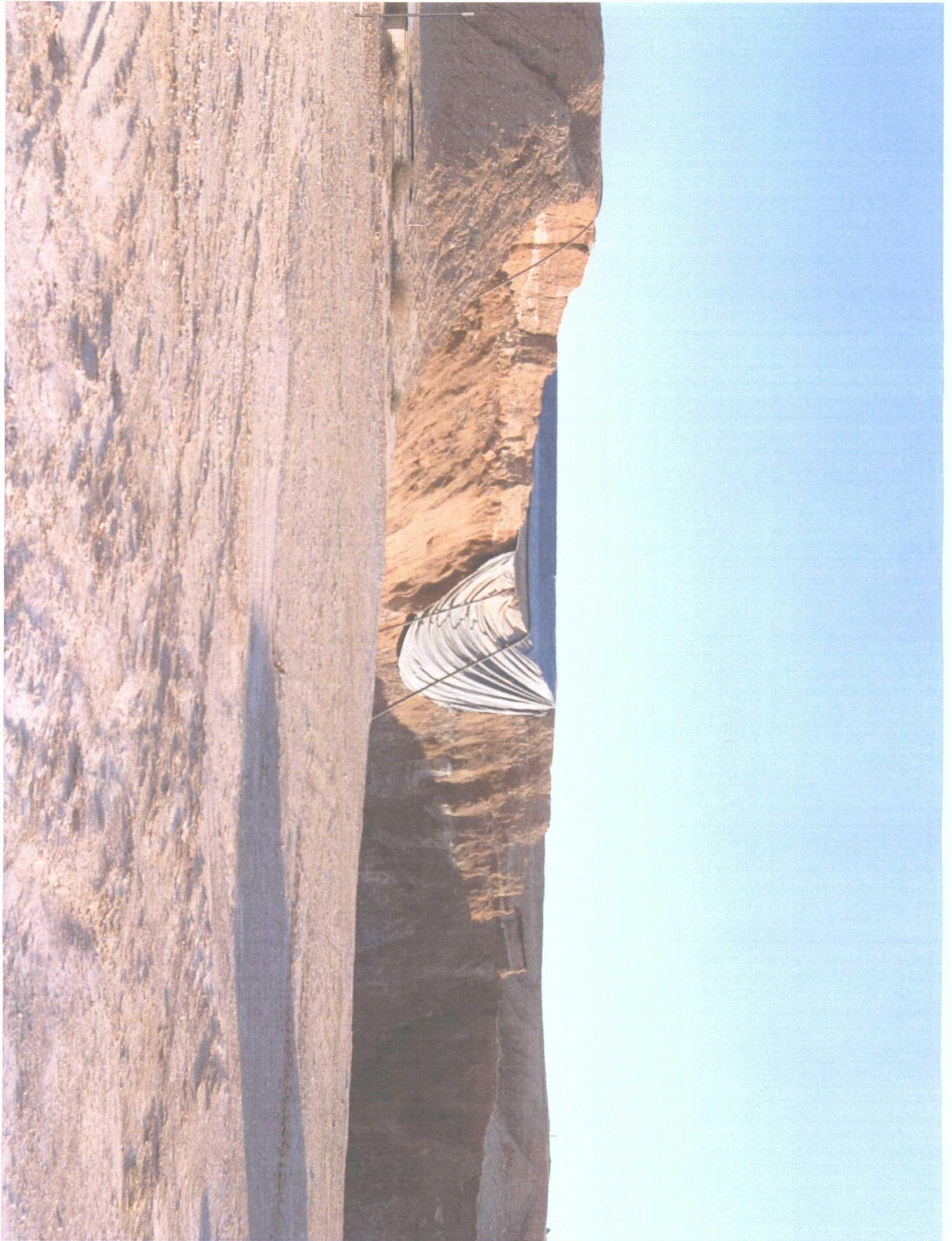


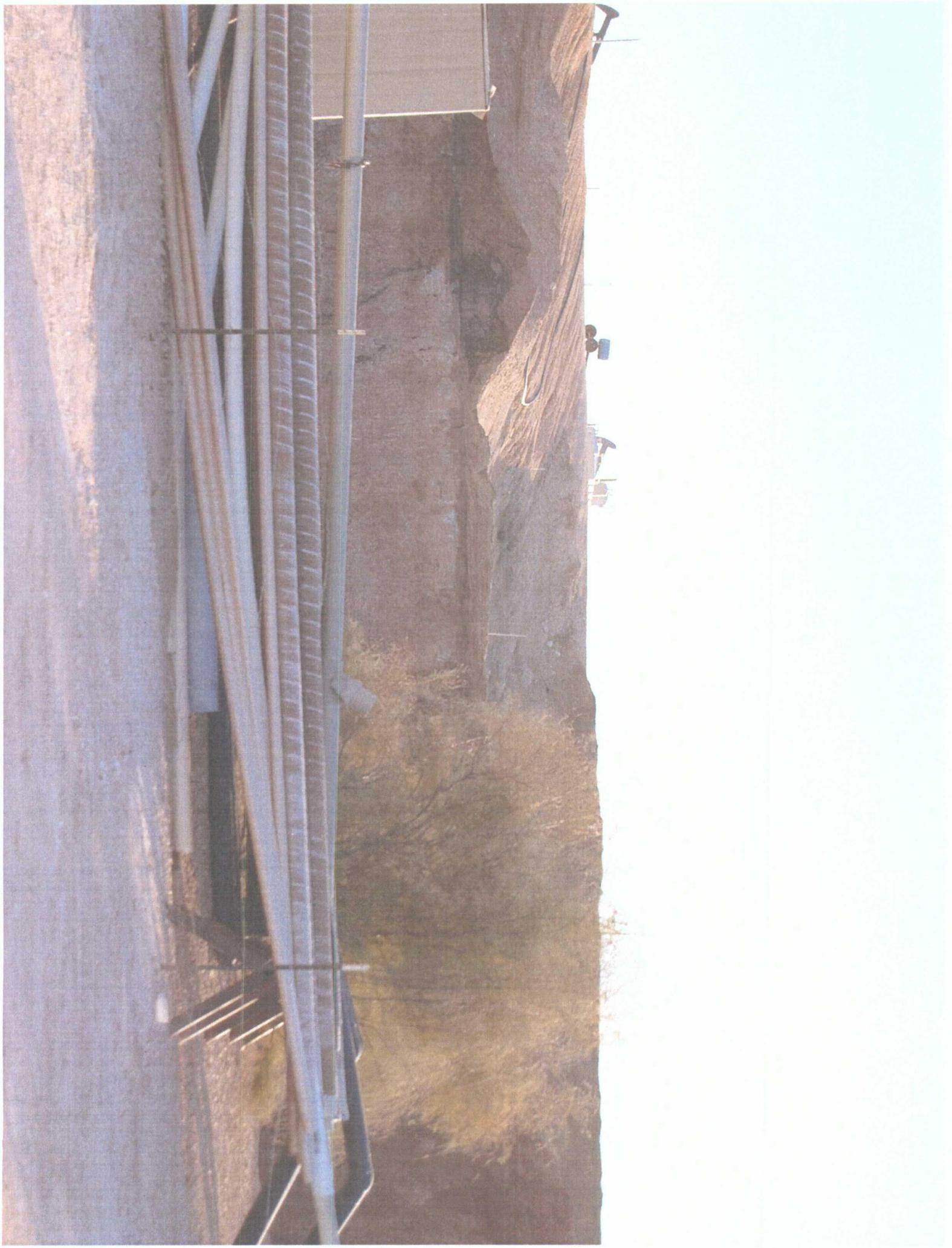












**Chavez, Carl J, EMNRD**

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**From:** Armando Villanueva [mando1106@gmail.com]  
**Sent:** Friday, November 14, 2008 9:57 PM  
**To:** Chavez, Carl J, EMNRD; david\_herrell@blm.gov; VonGonten, Glenn, EMNRD; Carr, Jim A.; jrm@pvtnetworks.net; pdunstan@markel.corp.com; Price, Wayne, EMNRD  
**Subject:** Pictures of the hole4  
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**Chavez, Carl J, EMNRD**

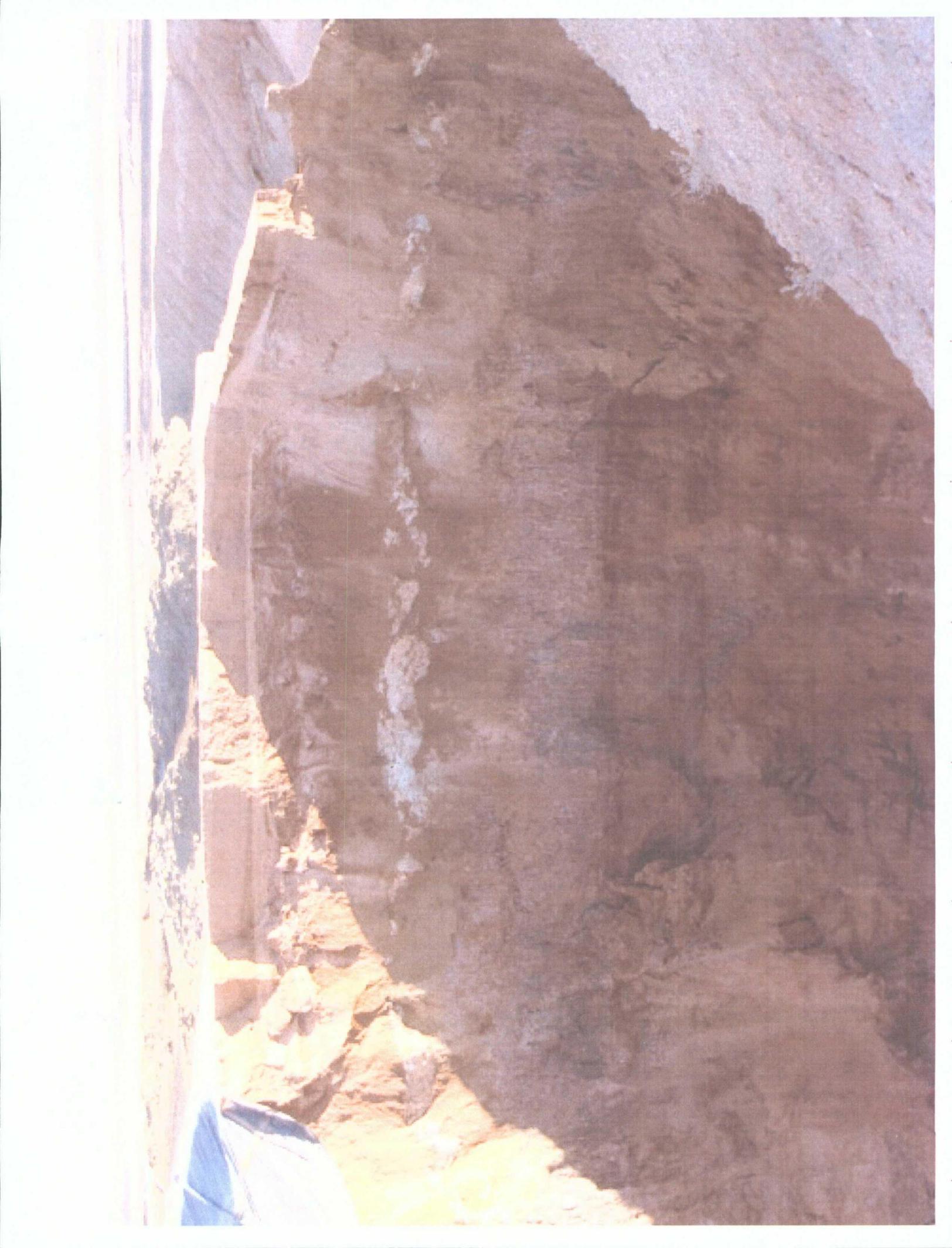
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**From:** Armando Villanueva [mando1106@gmail.com]  
**Sent:** Friday, November 14, 2008 9:50 PM  
**To:** Chavez, Carl J, EMNRD; david\_herrell@blm.gov; VonGonten, Glenn, EMNRD; Carr, Jim A.; jrm@pvtnetworks.net; pdunstan@markel.corp.com; Price, Wayne, EMNRD  
**Subject:** Pictures of the hole3  
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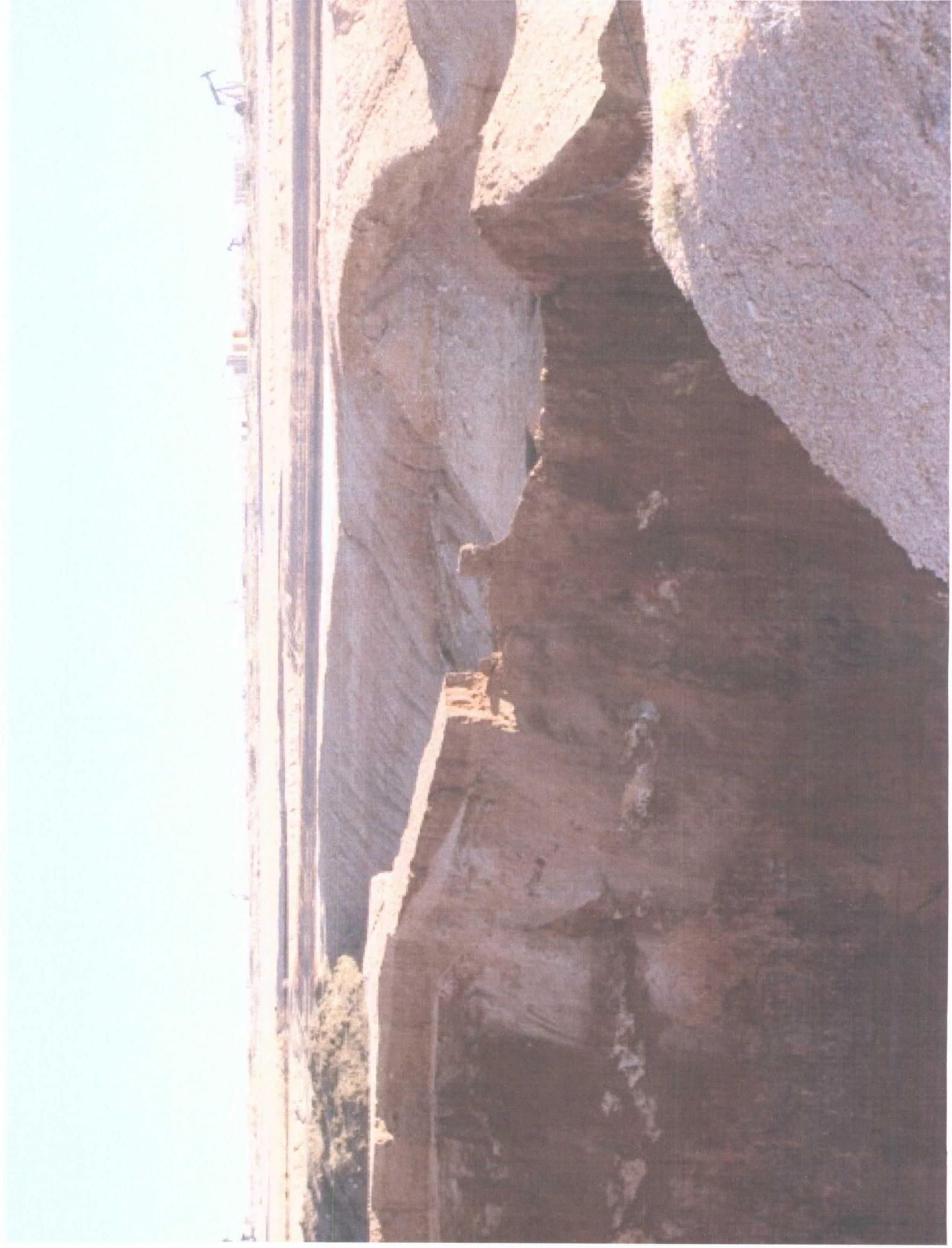
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**Chavez, Carl J, EMNRD**

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**From:** Armando Villanueva [mando1106@gmail.com]  
**Sent:** Friday, November 14, 2008 9:46 PM  
**To:** Chavez, Carl J, EMNRD; david\_herrell@blm.gov; VonGonten, Glenn, EMNRD; Carr, Jim A.; jrm@pvtnetworks.net; pdunstan@markel.corp.com; Price, Wayne, EMNRD  
**Subject:** Pictures of the hole  
**Attachments:** 110708\_0737.JPG; 110708\_0738.JPG; 110708\_0739.JPG; 110708\_0740.JPG; 110708\_0741.JPG; 110708\_0742.JPG; 110708\_0743.JPG; 110708\_0744.JPG; 110708\_0735.JPG

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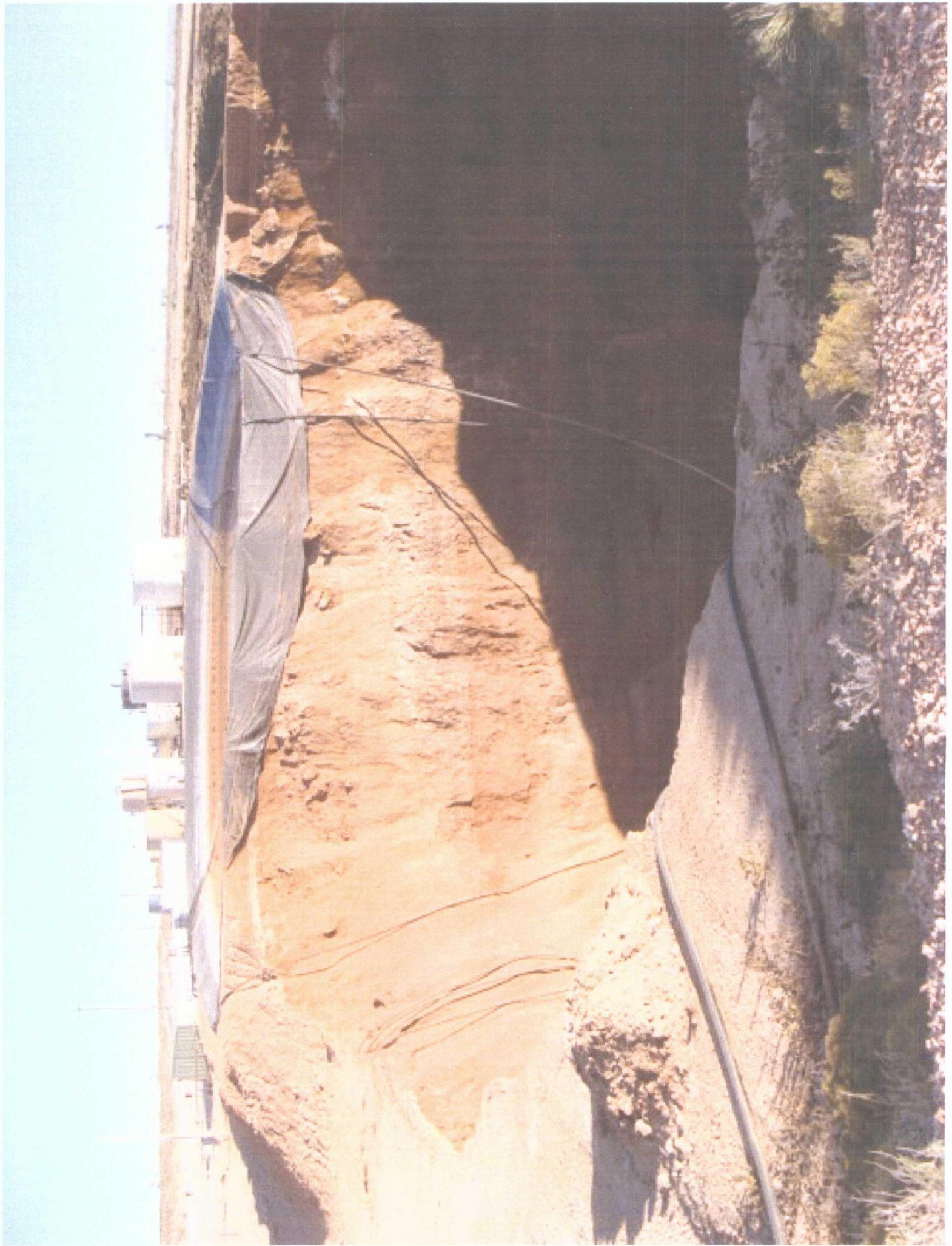


















**Chavez, Carl J, EMNRD**

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**From:** Armando Villanueva [mando1106@gmail.com]  
**Sent:** Friday, November 14, 2008 9:41 PM  
**To:** Chavez, Carl J, EMNRD; Price, Wayne, EMNRD; david\_herrell@blm.gov; VonGonten, Glenn, EMNRD; Carr, Jim A.; jrm@pvtnetworks.net; pdunstan@markel.corp.com  
**Subject:** Pictures of the hole  
**Attachments:** 110708\_0730.JPG; 110708\_0731.JPG; 110708\_0732.JPG; 110708\_0733.JPG; 110708\_0734.JPG; 110708\_0735.JPG; 110708\_0736.JPG; 110708\_0738.JPG

Pictures for 11-07-08

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## SOUTHWEST SAFETY SPECIALISTS

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### **Daily Site Safety Work Plan, Process, Public, and Worksite Protection Plan for 11-14-08**

**For**

**Loco Hills Water Disposal  
Loco Hills, NM  
Brine Well NO. 021**

## Daily Objectives and Status

At 9:26 am, Paul Evans and Rick Friese (Hydrologist) from BLM came on site to measure the depth and water level of the hole. At 9:45 am, They measured out the depth of the hole at 268.06 ft deep, and the water level to measure out being at 153.06 ft deep on top of a 1.4 foot casing. The water in the hole was tested for contaminants, and it was found to have a salty base. These two left the site at 10:03 am.

Two employees from CONCHO arrived at 9:44 am. Claudia Cochran and Rudy Houghtaling had questions regarding whether or not they could have an active flow line in the contained area. They are in the process of activating a pump jack that is to the north of the collapsed area. The line itself contains salt water, but is primarily used for transporting oil. Unless notified otherwise the flow line will remain active. Claudia Cochran mentioned that the line will be moved out of the collapsed area as soon as possible. Rudy Houghtaling left the site at 9:50 am, and Claudia Cochran left at 9:55 am.

Southwest Safety Specialists reset the stakes west of zero point. Previous stakes were too short to be noticed. The stakes were replaced with taller stakes out to 180ft. West of zero point. These stakes are marked with neon orange flags. Preliminary markers for a permanent fence were set up at the northern and eastern berms of the unsafe area of the Brine Station for the safety of the employees or drivers working at the facility. These markers will be placed south of the two vessels, to the east berm of the second brine pond, in the potential unsafe area and across the south pit eastern to the fence. These preliminary markers have red and white striped flags.

Throughout the day road blocks were falling down due to high winds. SWSS repaired all road blocks so that no bystanders could enter the unsafe area.

Southwest Safety Specialist surveyed the area for H<sub>2</sub>S and all is clear. The sinkhole is continually moving and widening. At 5:00 pm, East-West measurement on 11-14-08 was at 207 ft with Bushnell range finder and at 210 ft from North-South.

## **Action Items for 11-15-08**

1. Dick Maloney set a time to put up berms for rainwater or spills on Monday
2. SWSS will continue setting stakes, flagging, and signs around the unsafe area of the Brine Station for the safety of the employees or drivers working at the facility. This will be placed in the south of the two vessels to the east of second brine pond in potential unsafe area and across south pit to the fence.
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**Subject:** Pictures of the hole  
**Attachments:** 110708\_0730.JPG; 110708\_0731.JPG; 110708\_0732.JPG; 110708\_0733.JPG; 110708\_0734.JPG; 110708\_0735.JPG; 110708\_0736.JPG; 110708\_0738.JPG

Pictures for 11-07-08

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