Crandall Canyon
HQ log book
Part 2
8/14/07 4:00 pm update

Bill Taylor

43 miners underground – 4 MSHA

3:55 pm cleanup 40' 67' mby XC 125
rock props 32' mby XC 125

4:05 pm 2'' hole CO-34 ppm O2-15.9% CH4-0

8'' hole no change - missing 3 compressors to inject air

#3 hole - 4'' deep steel back into hole - w/discharge motor

suction stricken, dev. Euro, at going up

3:00 pm 47,430 cfm over mwy #1 entry
20.8% O2 CH4 0 CO 0

80' mwy XC 120 #1 entry
70,500 cfm 20.8% O2 CH4 0 CO

XC 120 regulator #2 entry
1,725 cfm 20.8% O2 CH4 0 CO

XC 119' #3 entry
33,920 cfm 20.8% O2 CH4 0 CO

XC 157' #4 entry
46,800 cfm 20.8% O2 CH4 0 CO
No bumps, no muckout

3:55 pm  air over mine
49,900 cfm 20.8% O2
0 ppm CO 0 ppm H2
0 ppm CH4 0 ppm CO2
76,860 cfm 20.8% O2
CH4-0 CO-0

bump at power center

6:00 pm Update

Bob Cornett 5:10 54 UG - 12 MSHA

5:55 pm Drill hole #2 8:00 pm GOT short drill
2" H41 0 15,740 CO 319 ppm CH4 0

6:02 pm 67 A1, in 120 XC wet props 52 ft, in by
5:26 arrived building/stretching out w/mine
9,600 cfm down 8" hole

6:00 pm 124 1/2 XC behind 1 in 
36,720 cfm 20.8% O2 0 ppm CO 0 ppm

6:15

intake #5 60' in by 120 XC
65,990 cfm 32 ppm CO 20.8% O2 0 ppm

15 psi 56% O2 190 rpm CO

50 UG - 10 MSHA
8:00 pm update

8:05

50.526 cfm 20.6% O2 0.00 ppm CO 0 HR
2.1% H2 0.00 ppm CO 0.00

7:55

741 m by 185 xc 1/8 mph
301 ii props

7:40
two small bumps

7:55

20.97062 10 pm 900 cfm
W/6 30 total, 3 mph

7:00 pm

#1 29784 ft min
20.97062 9 ppm CO 0 cfm

#1 54.005 cfm 0% H2 0.00 ppm CO 0 HR
20.97062 0 cfm 0.00

#2 3958 cfm 20.5% O2 0.00 ppm CO 0 cfm

#3 25175 cfm 20.4% O2 0 ppm CO 0 cfm

#4 27000 cfm 20.4% O2 12 ppm CO 0 cfm

#5 561 60% O2 185 ppm CO 0 cfm

8:05

#3 drill 004 A

211 H1C 14.9% O2 31 ppm CO 0 cfm
8/14/07  10:00 pm update

10:00 pm 43 people w/o - 2 miners

10:00 pm  advance  77 ft, msh 125 ft
   rock props  49 ft, msh 11

   2 ft miner  16,875 cfm  20.5% O2  0.00 0.00ppm

   #1  80 ft, msh 120 X 0  
       65,772 cfm  20.1% O2  0.00 0.00ppm

   #2  2,948 cfm  20.9% O2  6 ppm CO  0.00ppm

   #3  35,910 cfm  20.6% O2  8 ppm CO  0.00ppm

   #4  5,992 cfm  20.6% O2  6 ppm CO  0.00ppm

   #5  scale  4.67% O2, 176 ppm CO, 0.00ppm

9:00 pm  #6 belt down, tonn
   install wire rope on props

10:00 pm  924 ft.  #5 drill
   2" hole 15.0% O2  35 ppm CO  0.00ppm
AM
5:45 EDT Cleanup Progress - 115' entry XC 125

5:45 EDT - Rock Prop Progress - 75' entry XC 125

GM EDT - Air Readings -%

80' XC 40
#1 Entry 57,790 cfm 20.8 0 0
#2 Entry 49,680 cfm 4,680 20.8 0 0
#3 Entry 73,725 cfm 20.8 0 1
#4 Entry 30,400 cfm 20.8 0 9
AT Minue 22,968 cfm 20.8 0 0

1'miner head blocking air movement

Cave at #3 Seal Sample Handheld 2.6%

5:25 AM Bag Sample 1" Hole -

8" hole, 2 compressors running 0.2% 0.2% 0.2%

EDT
5:25 AM No. 3 Drill hole - 1204'
No. 4 Drill pad
6 people in mine including 6 MSHA

4:26 AM Ground activity - Significant Bounce at XC 125
Everyone accounted for & 400'

4:45 AM Miner Down - Cutter Both cutter shafts broken

5:50 Having trouble removing cutter shafts

4:15 AM Drilling
Mined H 20 & 5CSR's to XC 125

Next update 8 AM
EOT Cleanup Progress - 115' only XC 125
EOT Rock Prop Progress - 75' only XC 125

<table>
<thead>
<tr>
<th>GMT/EDT Air Readings</th>
<th>O2</th>
<th>CH4</th>
<th>CO ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 Entry</td>
<td>24.7% CFM</td>
<td>20.8</td>
<td>0</td>
</tr>
<tr>
<td>#2</td>
<td>4.9% CFM</td>
<td>20.8</td>
<td>0</td>
</tr>
<tr>
<td>#3</td>
<td>39.6% CFM</td>
<td>20.8</td>
<td>0</td>
</tr>
<tr>
<td>#4</td>
<td>31.1% CFM</td>
<td>20.8</td>
<td>0</td>
</tr>
</tbody>
</table>

7 AM at Mine 7:00PM 23,988 23.915 + 45' XC 125

8 AM Compey Seal #1 - O2 24.5% CO 206 ppm CH4

Ground Activity None

Mine 3th Borehole Operating

7:55 AM 2” Borehole - 15.27% O2, CH4 0, CO 31 ppm

8” Borehole - Still injecting air with 3

8 AM No. 3 Borehole - 1774' 1304' - 110' of goal

| Fan - West | 5.6 in H2O | 20.9% CH4 | 0 |
| Fan - East | 5.5       | 20.9% CH4 | 0 |

Next Update 10 AM
Info Provided by Bill Taylor 10am update

Called Bill 9:55am EDT - Haven gotten into Kevin's briefing will call me back - called back 10:22am EDT

10am EDT Cleaning progress - 121' only Xc 126

10am EDT Rock Prep progress - 86' only Xc 125

10am EDT Air Readings

Xc 120
#1 Entry 56,070 CFM 20.8 0.76 0 ppm
#2 5437 20.8 0 14 ppm
#3 33792 20.8 0 8 ppm
#4 30186 20.8 0 11 ppm
AT Min 31,328 20.8 0 14 ppm

10am Ground Activity - Top 3 entry Xc 119 PIlass taking WT. Keeping away on it
9:48
A 1 2" Borehole -
No. 2 Borehole - Stil injecting air

10am No. 3 Borehole - 1364'

Aerated sand developed ready for drill

None 3AM (main) East + West

10am 3VRC 3 MSHN

Next update 12:30pm EDT
Next update at 3 PM
3PM EDT - Cleanup progress - 128' in # X125

3PM EDT - Rock prop progress - 102' in # X125

3PM EDT Air Readings

<table>
<thead>
<tr>
<th>Entry</th>
<th>CFM</th>
<th>O2%</th>
<th>CH4%</th>
<th>CO ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>60,480 CFM</td>
<td>20.8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>#2</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>#3</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>#4</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

Taken at Minus 27,923 CFM

3PM EDT Seal #1 (compressor)

Handheld

3:18pm EDT 2" Borehole

14.9 | 0 | 0 | 8

3:40pm EDT Ground Activity - 3, 4, 116 & 118

1:15pm - No injuries

3:18 EDT No. 2 Borehole - 3 compressors & injecting air

3:18 EDT No. 3 Borehole - Removing microphones

Drill steel being removed, currently removing

EDT Main Fan Readings

East - Zone 2
West - Zone 3

O2% | CH4% | CO ppm

2:55pm EDT 31U.C. Miners

3 MSHA

12:20pm - Sizing - Setting Rock Pops - Cut Right hand

Next Update at 5:30 EDT pm
8/15/07 5:00pm UPDATE

006 cornett

4:55 pm 126 ft in km 125 m
rock props 11/2 lnb 125 m

4:55
#1 only 12 min or
27,540 cfm 20.8%o2 7ppmco 0cthy
90' only xc 120 #1 only
66780 cfm 20.8%o2 0co 0cthy
xc 120 full of mud

4:48     drill
#2 - 21 4/10 11 13.5%o2 35 ppm co 0cthy
20 ft hole 30 cm from nars (9000 cm)
no info from drill 6/17 by noon

4:06
#1 80' in km 120 59.050 cfm
20.8%o2 6 co 0cthy
#2 2800 cfm 20.8%o2 0cthy 0co
#3 119%o2 34.675 cfm 20.8%o2 0cthy
16 ppm co
#4 11 34.620 cfm 20.8%o2
0cthy 16 ppm co

#1 seal vs. head
d 3.69102 0cthy 224 ppm co
#1 seal vs. head
2.37102 0cthy 208 ppm co

system down - no info on m2005
7:00 pm update

6:20
cleanup 147 ft, only 125 XC
rock props 115 to 166, 125

#1 entry at main
47,160 cfm 20.020 oz/hr 4 ppm CO

#1 intake 80' inlay 120 ft
74,340 cfm 20.920 oz/hr 7 ppm CO

cutting inlay 126 XC Further
shelving 6/6 - 50 ft timbers

45 people up to 3 MS/2A

6:55

at drill rig

2nd hole 10.996 oz Oct 45 ppm CO

#2 hole - 3 comp family

#3 hole - concrete truck at 5:30 pulled steel

6:59 pm

#1 5:00

5.020 oz Oct 16.2 ppm CO HI/F

7:12 pm

2.520 oz Oct 20.8 ppm CO

control

roof control tech support
set 5 connam pillars in #4
at XC 111, 113, 115, 117, 119

set 5 connam pillars in #1
at XC 111, 113, 115, 117, 119

will call daily
In #1 entry - made 14 stations

7:30 - cemenet bottom down, hoist

8:00 Update

0:55
Cheap et 147' only x 125
Rock pegs 115' " " "
Cheap x 126 - sitting tunnel

Drills
#1 2" 0.9% O2 OCH4 43 ppm CO
#2 8" pumps running
#3 cement & microfilm in mine

8:25 - Compe in hole - full height
Unidentified sounds

8:45
#1 on mix
75.52% H2, 8.91% O2, 0.8% CH4, 3 ppm CO
#1 at keel 29' MDB, XC 120
77,112, 40% 20.9% O2, OCH4 8 ppm CO

8:55
3.4% O2, CH4 0.184 ppm CO HH
Cons. Red down

45 and 5 persons in mine (from 2:30)

8:10 - small bump ok

8:20 - small bump ok
8.20 30 ft. of prop painted out by 5C - XC 130 #1 entry by Feiler Bros.
6:05 AM  EDT Cleanup progress - 42' entry X126 #1 - check curtain material, X between mining goods.

6:05 AM  EDT Rich prep progress - 56' entry X126

6 AM  EDT Air Readings

<table>
<thead>
<tr>
<th>Depth</th>
<th>CFM</th>
<th>O2%</th>
<th>CH4%</th>
<th>CO ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>100' Ely X126 #1 Entry</td>
<td>53,690</td>
<td>20.8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>120' Ely X126 #2 Entry (Regular)</td>
<td>3,597</td>
<td>20.8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>140' Ely X126 #3</td>
<td>43,985</td>
<td>20.8</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>160' Ely X126 #4</td>
<td>44,820</td>
<td>20.8</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>180' Ely X126 #5 AT Minner</td>
<td>5,801</td>
<td>20.8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>211' #1 Seal (Conspec)</td>
<td>3.1%</td>
<td>CH4: D</td>
<td>210 ppm</td>
<td></td>
</tr>
<tr>
<td>215' Handheld</td>
<td>3.6%</td>
<td>0</td>
<td>209 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Ground Activity - Quiet

5:50 AM  Borehole (No.1) - 9% O2% CH4% CO ppm

8" Borehole (No.2) - 3 compressors running, ingassing present.

8" Borehole (No.3) - Sampling line in - Stopped hole from ingassing. Purging line - will notify when 1st is taken.

MANFAN East West

Mines 616 47 - 3 MSHA
Next Update 8:30 AM

Acting props between 5 cars.
Inform received from Don Gibson 8/16/2007 Thrusday 703-877-1415
8:30 AM

EDT Cleanup progress - 42' only 126 XE

EDT Rock Prop progress - 13' only 126 XE - Spot bolting

EDT Air Readings  CFM O2% CH4% CO ppm
#1 Entry See Don's email
#2 Entry and my 8:30 AM update
#3 Entry in log file book
#4 Entry
ATTMEE
#1 Seal
Handheld

No. 1 Borehole - 2"

No. 2 Borehole - 6"

No. 3 Borehole - 8" exact location in No. 4

Projected location No. 4 Borehole - 8" projected to intersect mine in XE

Ground Activity -

Main Fan Readings  H2O% O2% CH4% CO ppm
EAST Fan
West Fan

Mains WC --- MSHTA ---

Next update 10:30 AM EDT
10:00 EDT  Cleanup progress - 42'- entry XC 126

10:00 EDT  Rock Prep progress - 27' 11' XC 126

<table>
<thead>
<tr>
<th>Time</th>
<th>Entry</th>
<th>CFM</th>
<th>O2 %</th>
<th>CH4 %</th>
<th>CO ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:55</td>
<td>#1 Entry</td>
<td>85,600</td>
<td>20.8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10:13</td>
<td>#2 Entry</td>
<td>6574</td>
<td>20.4</td>
<td>0</td>
<td>9</td>
</tr>
<tr>
<td>10:10</td>
<td>#3 Entry</td>
<td>57,000</td>
<td>20.8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>11:41</td>
<td>#4 Entry</td>
<td>48,600</td>
<td>20.8</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>10:10</td>
<td>#1 Drill (conespec)</td>
<td>48,640</td>
<td>20.8</td>
<td>0</td>
<td>212</td>
</tr>
<tr>
<td></td>
<td>Honda sample</td>
<td></td>
<td>3.4%</td>
<td>0</td>
<td>237</td>
</tr>
</tbody>
</table>

Ground Activity - Quiet

9:45 AM No. 1-2" Borehole - 7% O2 CO 43 ppm CH4 - 0

No. 2 B" Borehole - Ergasming - 3 Cones inserting 9,600CFM

9:15 AM
9:30 AM No. 3 B" Borehole - O2 16.7% CO 19 ppm CH4 0
10:8% CO 21 ppm 0

Where in drill setting up to start No. 4 Borehole - XC 143

Main Fan Readings

- East Water 6.5 20.9 0 0
- West Water 6.4 20.9 0 0

Mining #654 excluding 7 MSHA

Next Update at 12:45 PM EDT

Drill Rig is laying down dropping mast preparing to move to drill pad No. 4 which is completed
12:39 PM EDT Air Readings

<table>
<thead>
<tr>
<th>Entry</th>
<th>CFM</th>
<th>O2 %</th>
<th>CH4 %</th>
<th>CO ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>88,830</td>
<td>20.8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>#2</td>
<td>3,187</td>
<td>20.8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>#3</td>
<td>38,950</td>
<td>20.8</td>
<td>0</td>
<td>16</td>
</tr>
<tr>
<td>#4</td>
<td>44,750</td>
<td>20.4</td>
<td>0</td>
<td>22</td>
</tr>
<tr>
<td>At Min</td>
<td>53,430</td>
<td>20.8</td>
<td>0</td>
<td>16</td>
</tr>
<tr>
<td>#1 Seal</td>
<td>2.0%</td>
<td>0</td>
<td>212</td>
<td></td>
</tr>
<tr>
<td>Handheld</td>
<td>34%</td>
<td>0</td>
<td>220</td>
<td></td>
</tr>
</tbody>
</table>

12:40 PM EDT Second Activity - Proceed in No. 1 at Min - Move equipment out of clean up area.

12:49 PM EDT Borehole No. 1-2” O2 7.6% CO 44 ppm CH4 0

12:30 PM EDT Borehole No. 3-8” O2 17.3% CH4 - 0 CO - 21 ppm

EDT Borehole No. 4-8” - Still moving and assembling drill equipment

EDT Main Fan Readings

East

West

Mins 46 65 MSHA 7

14.3 entry MSHA personnel left camp

Next update 3:00 pm EDT
2:30pm EDT Cleanup progress - 69' early Xc 126
       EDT Rock prop progress - 37' " Xc 126

2:50pm EDT Air Readings
    #1 Entry
    #2 "
    #3 "
    #4 "
    AT Min.
    #1 Seal (connee)
    Handheld

2PM  CFM  O2%  CH4%  CO ppm
      87.57%  20.8  0     0
      3.015   20.8  0     0
      47.025  20.8  0     0
      49.140  20.8  0     7
      49.85%  20.8  0     0
      1.9%    0     214
      3.2%    0     228

2:52 EDT Ground Activity - RT Rich Studying - Burying between Xc 116 & 127
                           in 101 and 2的故事

3:48 No. 1-2" Borehole - 7.7%  0  38 ppm
2pm  No. 2-8" Borehole - In casing - 2 compressors injecting air
2:30pm  No. 3-8" Borehole - Stabilizing air 16.2%  0  32

No. 4-8" Borehole - New drill rig set preparing to start drill

12:10pm Main Fans - H2O 0.2 ch4 CO
       East  5.5"
       West  5.6"  20.9%  0  2 ppm

Mines UG 68 MSHA 7

Next update 5PM EDT
Drilling Report 4:52 EDT

#1 2" Hole - O₂ - 6.9%
    CO - 39 ppm
    CH₄ - 0%

#2 8 1/2" Hole
    Injecting air w/ two compressors

#3 8 1/2" Hole
    Injecting air w/ two compressors

#4 Preparing to drill.

Air Readings 4:47 EDT

#1 Reading at the continuous miner @ tail
    50,586 CFM
    O₂ - 20.8%
    CH₄ - 0%
    CO - 7 ppm

#1 80 feet in by xc 120
    87,696 CFM
    O₂ - 20.8%
    CH₄ - 0%
    CO - 0% ppm

#1 Seal Hand held Conspec
    O₂ - 3.5%
    CH₄ - 0%
    CO - 225 ppm

O₂ - 1.9%
    CO - 214 ppm
Gregory B. Meikle  HQ Command Center
August 16, 2007

Called in @ 7:57 PM EDT 9:57

1. 3:45 MDT  5:45 EDT
   #4 Hole started drilling

2. Drill Report
   4:50 MDT  6:50 EDT
   #1 (3") -  6.6% O₂
     CH₄
     44 ppm CO

   #2 8¾  -  One Compressor running
      One's down
   MDT PM 6:02  Second compressor running
      Two compressors running

   #3 "

   #4 Hole  55' Deep  4:15 MDT
   95'@ 8:02PM EDT  6:15 MDT

   NOTE: A Thunderstorm is on the mountain
      updates may be delayed.

3. Underground

   5:00 MDT 41 underground persons  (3 MSHA)
   7:00 EDT

   5:07 MDT  #1E 80' in by xc 120
   7:07 EDT

   85.302 CFM
   20.9% O₂
   CH₄
   12 ppm CO
Gregory B. Meikle  
HQ Command Center  
August 16, 2002  
7:57 PM  Up-date continued.

#1 Seal (Handheld)  
CON SPEC  
3.4% O₂  
0.0 CH₄  
207 ppm CO

# Panel 13  
xC #107 Seal (Handheld)  
O₂ - 19.8% O₂  
CO - 8 ppm

5:38 PM MDT  
7:38 PM EDT  
Clean up #1E  
90' In by xC #126  
Rock Props Installed  
67' " " "

5:42 PM MDT  
7:42 PM EDT  
AIR Reading  
#1E at Tail of Miner  
41 130 CFM  
20.8% O₂  
0 - CH₄  
0 - CO

Is ground activity?  Answer NO.

Bob Cornett - Reported from the MEU  
at the Crandall Canyon Mine Command Center.
3 Conf. Fatals 1:25 AM EDT
Gary Jensen - MSHA Dup

Reported by Dan Freey for Kevin

Called command center - 8/17/07 2:30 AM EDT - Castle View in Prince, W.Va. New MSHA trainer

10 injured - 3 Conf Fatal - 10 th injured individual treated on-site not transported to hospital

Bob Murray - dismissed his miners

M.G. rescue operation is over

Drill No. 9 hole - Stopped at 99' charging drill bit. Drilling will continue

Q 1620 When they got to miners found 9 on left side of miner - Barrier side

Head of cont. Miner on outby corner of Xc 127 Props set to tail miner on both R & L side 92' 5' only Xc 126

Pillar blow between No. 1 and 2 entry blew out toward the barrier side - Took out 4 to 5 rock props, ropes & screens - these objects on top of injured miners

Debris 5' deep - Like a ramp outby tail of miner for 30' - Miner covered up

(b) (7) (C) - at Xc 114 felt bounce

Blew out Kennedy stoping at Xc 125 & at Xc 114
8/17/07 4AM EDT Update

4AM No.4 hole - 268'

No.1-2''
O2  6.6%  CH4  0  CO ppm

No.2 hole-8'' - Compressors running - hole capped
injecting air

No.3 hole-8'' - ingamy & 2 compressors running injecting air

3am Conspec & seal  O2%  CO ppm

3:33  3.3  203

5:30AM 8/17/07 5:30AM EDT Update

5:50AM  No. 4 hole - 363'

No.1 hole-2''
O2%  CH4%  CO ppm
6.7  0  33

No.2 hole-8'' - hole capped

No.3 hole-8'' -

5:15AM #1 seal (conspec)  O2%  CO ppm
2.9  202

West Fan  3.2'' Watergage
East Fan  3.6'' Watergage

Sen  1.6 on Richter

Benson's watch stopped at 6:46 pm - Age 53

Frank Markoski - Price P.O. Work out
August 17, 0800... update Don Gibson

7:55 AM

7:05 AM No. 4 hole - 463' - Projecting completion 12

No. 1 hole - 2"  02%  C02%  CO ppm

No. 2 hole - 8" - Bello 2 Compressor

No. 3 hole - 8" auguring 2 comp

6:55 #1 Seal (compre)  #2#  CH4%  CO ppm

6 AM West Fan 3.2"

East Fan 3.7"

7:10 update on Frank's condition unchanged

Will

8:10 AM EDT - 42 including 3 MSHA

Bill Deming, Al & Ted Farmer

Bill Taylor - Geo tech

Kevin & Stadler?

Owens was superv.

Does MSHA have a press conf. scheduled for today

Ted Farmer - Frank's supervisor

Agtec Cord Christiansen

F.A. supervisor

Next update

10:15 AM EDT
8/17/2007
1308 P.M.

NEXT UPDATE

REPORT FROM: CHRISTIAN 1111 N 4TH ST.
10:11

PROJECT DEEP #4 HOLE: 1587'

#4 HOLE DOWN: 587'

#2 + #3 HOLE = COMPASSAK AD

0800 MT [10 EMT] 2" 6.40% O2, 0.02% CH4, 32 PPM CO

-0803 MT CONDCT 2.4% O2, 0.0% CH4, 210 PPM CO

-0803 MT WEST 3.2" E10 3.6"

7:20 METT WITH GUTMANN

10:00 PRESS
8/17/2007 12:00PM Update

(Called) CORW CRISTANDO and instructed him to
RE-PASSIMIZE INTO ON INJURED MINES.

#1 SEAL COMPQ
2.2% OXYGEN, 0.0% METHANE, 210 ppm CARBON
MONOXIDE

10:00/12:00 West 33”
East 3.6”

#4 HOLE - 683’

#2 + #3 - COMPRESS AIR IN

12:00MT #1 #2 HOLE 6.4% OXYGEN, 0.0% METHANE, 31 ppm CO

REVIEW FAX WITH CONDITIONS OF SIX INJURED
MINES.

8-17-2007 2:00pm Update

(Cor) CRISTANDO

11:55MT #1 SEAL 2.2% OXYGEN, 0.0% METHANE, 210 ppm CARBON
MONOXIDE

West 3.2”
East 3.6”

11:40 #4 RECREATE DOWN - 783’ - Raising not
measuring on RIG.

#2 + #3 COMPACT AIR INTO #2 + #3

#1 2” 6.27% OXY, 0.0% METHANE, 38 ppm CO
8-17-2007  4:00PM update / 16:00hES

13:55PM MT
13:00hMT
on
1:55

*1 SEAL (CONCRETE) 2.82 08'6" 0.82m 2.6' 0.8m CO
WEST "
EAST "

*4 BOREHOLE DOWN 8'83"

Boreholes #2 + #3 Compressed Air going into mine

#1 Bore 6.20' / 1.82m / 39'M 00

DANUS F4 will arrive (MST) on aft shift

4:15  ALAN JAVIS -


Bill Denning 5:47 PM EDT
Brandon Rember pronounced at the hospital the time of death is unknown to the MEU Command Center at the Mine.
Drill Holes

#1 O₂ 6.4% CH₄ 0 CO 33 ppm
#2 > Injecting Air w/ Two Compressors
#3
#4 Depth 903 feet xC #142 #4 Entry

AIR Quality

CONSPEC #1 Seal 2.1% O₂ 0% CH₄ 212 CO ppm

FAN Pressure

West 3.3" W.G.↓
East 5.3"↓
Main 3.6"↓

15.00 MDT

Drill Holes

#1 O₂ 6.4% O₂ CH₄ 30 ppm CO
#2 > Injecting Air w/ Two Compressors
#3
#4 843 feet in Depth

15:09 MDT

CONSPEC

#1 Seal 2.1% O₂ 0% CH₄ 310 ppm CO

Air Quality

Fan Pressure

West 3.3" W.G.
East 3.0"↓
Main 5.3"↓
August 17, 2007

Dan Frey @ 8:11 1

5:00 PM MDT

Bone Hole

#1 6.5% O₂ CΗ4 0% CO 31 ppm
#2 7 Injecting Air w/ 2 compressors / Hole
#3
#4 943 Feet Deep Ave up to this 33 ft/HR

CONSPEC

#1 Seal 2.0% O₂ CΗ4 O% CO 212 ppm

Fan Pressure West 3.4" East 3.6" Main 5.3" W.G.

5:58 MDT

Bone Holes

#1 6.6% O₂ CΗ4 C% CO 32 ppm
#2
#3 7 Injecting Air w/ 2 compressors / Hole
#4 1013 Feet deep

CONSPEC

#1 Seal 2.0% O₂ CΗ4 0% CO - 212 ppm

Fan Pressure West 3.4" East 3.5" Main 5.3" W.G.
Drill Bore Hole

#1 $O_2 - 6.7\%$; $CH_4 - 0\%$; $CO - 37$ ppm

#2 $\geq 2$ compressors / hole injecting air

#3 $\geq 2$ compressors / hole injecting air

#4 1103 Feet Deep

CONSPEC

#1 Seal $O_2 - 1.8\%$; $CH_4 - 0\%$; $CO - 214$ ppm

Fun Pressure

West - 3.2"
East - 3.6" W.G.
Main - 5.3"

---

9:12 PM EDT

Drill Bore Hole

#1 $O_2 - 6.7\%$; $CH_4 - 0\%$; $CO - 267$ ppm

#2, #3 $\geq 2$ compressors / hole injecting air

#4 1063 Feet deep

CONSPEC

#1 Seal $O_2 - 1.9\%$; $CH_4 - 0\%$; $CO - 212$ ppm

Fun Pressure

West - 3.4"
East - 3.6" W.G.
Main - 5.2"

**NOTE:** Top of Hill mobile command center has arrived and is now being leveled.
John Hendley HQ Command Ctr  
8/18/07 - Saturday  
From: Don Gibson  Reported: 6:15 (as of 8:00)

Drill Bore Holes  
#1  6.9% O₂  O CH₄  25 ppm CO  
#2  Compressors (2) injecting air  
#3  
#4  1403 feet deep

Conspec System  
#1 Seal  1.5% O₂  0% CH₄  CO  2.18 ppm

Fan Pressures:  
West 3.2”  
East 3.6”  
Main 5.4”

Development:  Nothing New to Report  
Mobile Trailer is set-up and ready for service

______________________________  
Don Gibson

Drill Bore Holes  
#1  6.9% O₂  O CH₄  28 ppm CO  
#2  Both Compressors Running  
#3  
#4  1483 feet deep

Conspec System  
#1 Seal  1.5% O₂  0% CH₄  2.18 ppm CO

Fan Pressures:  
West 3.2”  
East 3.6”  
Main 5.3”  

703-314-4173

Development:  Nothing New to Report  
Intruder bobbled through police line. Deputies 
intercepted the guy. He wandered around duped and 
needing answers. He was up near the mine 
entrance and was escorted from the property. 
Police fired on as he crossed.
8-18-07 10:00 AM

Cord Castando

Drill Bore Holes: 

- #1 7.0 O₂ 0 CH₄ 28 CO
- #2 Compressor
- #3
- #4 1538 deep

Conspec System:

- #1 Seal 1.5 O₂ 0 CH₄ 218 CO

Fan Pressures:

- East 3.6
- West 3.3
- Main 5.3

Developments: Family Center from to a church

435-687-2933

---

Noon Cord

Drill Bore Holes: 

- #1 7.1 O₂ 0 CH₄ 28 CO
- #2 Compressors going
- #3
- #4 Holed into at 9:16

(No air quality)

Conspec System:

- #1 Seal 1.4 O₂ 0 CH₄ 220 CO

Fan Pressures:

- East 3.6
- West 3.3
- Main 5.2

Developments:

Bob
8-18-07  2:00 Pm
Cord Cristondo

Drill Boreholes:  
1. 7.3  O₂  0  Chu  29  Co
2. 
3. blowens online
4. 1:15 microphone is down. Light rain prevented setting charges. Steel is being removed when done - Case may be sent down.

Conspec System: 
4. Seal 1.4  O₂  0.0  Chu  220  Co

Fan Pressures:  
East 3.6
West 3.4
Main 5.4

Developments: Nothing new to report.

2:15 pm  #4 hole shift set up
2:35 north seismic receiver
3:15 no " response
Started pulling steel

3:15  #1 hole 2" stepped sampling
#5 hole 1" ram

#1 seal 1.4% O₂  No Chu  D=20 ppm CO
Fan west 3.4" East 3.6
Main 5.4"
No developments
1:00 PM update

Den Frye

3:00 PM

1. SCL 1.4% O2 O city 2:20 PM CO

W 3.4" E 5.6 M 57.5

4:00

1. SCL 1.3% O2 O city 2:20 PM CO

W 3.4" E 5.6 M 57.5

7:30

4 hole still out of hole, common

W 3.4" E 3.0" M 54.4

7:30 PM

1. 2" hole 84% O2 O city 31 PM CO

W 3.4" E 3.0" M 55.5
8:00  #1 hole 9-1/2  c/sfy 27 rpm  
#2 1 compressor running 1 down  
#3 2 compressors  
#4 nothing coming in

10:00 pm Update

Duwayne Brown

10/02 conspire #1 5-1/2 OZ, 12% CHY 0% CO2  
Fans W: 3.3” E: 3.6” 11:37:3

9:15pm #1 hole not readily  
#2  no NIP
#3  #4 camera at bottom of hole  

consipre #1 sw 1/2 12% CHY 0% CO2  
8:30 camera started down hole  
B:35 700' down hole  

10:35 spike w/ Al Davis - Sunday 2nd camera into hole w/better light - no mud on walls conditions  

SHUT DOWN HARRINGTON  
Command Center
8/19/07 Sunday  Command Ctr Log
0530 Open Command Ctr. Melinda [Ex. 7c]

0600 Update

Drill Holes:

#1 9.7 O2 0 Chu 26 CO
#2 - Compressors Running
#3 -
#4  Just cleared hole - starting to drop steel
2 hours to complete

Compress (0500)

#1 Size 1.3 O2 0 Chu 220 CO

For Pressures East 3.5 West 3.1 Mean 5.3

Development

Nothing to report all quiet

Don Gibson

\[ \sqrt{0500} \text{ Compress 1.2 1.6 CO 220 Chu} \]
\[ \text{West } 3.1 \text{ East } 3.6 \text{ Mean } 5.3 \]

705 2" O2 10.2 Chu 0 CO 23

2 + 3 compressors running

#4 Still tripping the steel

\[ \sqrt{0500} \text{ Update} \]

755 2" 10.1 Chu 0 CO 24

2 + 3 compressors running nicely

Note: #4 hole dropping steel an hour to complete
May about 900 to start coming

Compress #1 O2 1.2 CO 220

For West 3.1 East 3.6 Mean 5.3
8/19

 Cord C. Cristulde

 Drill Holes #1 10 k2 O2 0 CH4 26 CO
 #2 
 #3 Compressors running
 #4 13.3% O2 0.5 CH4 19 CO
 Holes outsasing and compressors at the bottom.

 Conspec
 #1 Seal 1.2 O2 0 CH4 220 CO

 Furs: East 3.6 West 3.2 max 5.4

 Developments.

 Drill Holes

 #1 18.7 0 27 ppm
 #2 Compressors Running
 #3 Outsasing 13.3% O 27 ppm
 #5 Accessories at #5 pad drill still @ #4

 Conspec
 #1 Seal 1.2 0 220 ppm

 Furs E 3.5" W 3.3" m 5.3"

 Developments: Report debrifing with roof control specialist

 Haven't heard from

 Projected for x-cut & ent
8/19/07
2:00 PM

O₂ | CH₄ | CO | 9/16" outgassing

Drill Holes
#1
#2 Compressors
#3
#4 13.4 | 0 | 27 |

Compressor #1 Soil 1.0 | 0 | 220 | outgassing 3,257 CFM

For Reading: East 3.5, West 3.3, Main 5.3

Development: Camera was not very clear. They are #3 hole vs 10:50 am

Devers 1:05 EDT prepare to site #5

Relieved by Erin Sherer

---

4:00 Update

3:20

#1 hole 18.7% O₂, 0 CH₄, 30 ppm CO
#2 Comminution on bottom
#4 outgassing no reading

Compressor #1 Soil 0.1% O₂, 0 CH₄, 0 CO, 3,000 ppm FANS: W 3.5" E 3.6" Main 4" R

Rod Devers Av #5 will start moving

Cord Chris tendr

6:00 update

Dan Frey

5:10
0.001 O2 0.999 CO 0 CH4 20.0000
FANWS W.3 E.3.5 M.3
#1 10.000 02 0.002 22.00m OCH4
#2 Command out
#3 2 compressor
#4 13.540 02 0.001 22.000 00
Cond out

6:00
#1 17.000 02 0.001 35.00m CO
#2 Open inquiry
#3 Compressor out, sampling
#4 Inquiry

Nit on prop #5

Conspec #1 O2 0.966 20.00m 01 CO

6:45 pm
Dan Frey said that the order has been modified.
8:00 Update

Denean B. Brown

7:05 pm
Consol 3021 0.3% 02 ochy 220 ppm CO
Fans W 3.4" E 3.5" M 5.1"

#1 hole 13.3% 02 084 tch 37 ppm CO
#2 hole open, ingenuity comp. ok
#3 hole ingenuity comp. ok
#4 hole ingenuity
#5 hole fans open most of nig

7:54
Pumps won't W 60, out of main

#2 hole short, compressors (2)

8:05
Consol 0.8% 02 ochy 222 ppm CO
Fans W 3.7" E 3.6" M 5.2"

#1 hole 13.6% 02 ochy 35 ppm CO
#2 hole - 2 compressors
#3 hole - no wind
#4 hole no wind

#5 position drill should start at 12:00 pm
9:50  
Join Smith

9:50  
#1 514 0.32 0.008 O 2 0.004CH 4 0.22 ppm CO
Funs w 3.24 E 3.6 N 45.3

#1 Hole 14.0602 0114 25 ppm CO

#2 Hole 2.02 comp. running

#3 Hole 1.04 hrs

#4 Hole 0.0 hrs - no running

#5 Hole 0.0 hrs

8:55  
#1 Sav 0.005 E 10 000 ppm CO
Funs w 3.24 E 3.51 N 45.7

#1 Hole 10.00 hrs down

#2 Hole 2.0 comp. comp.

#3 Hole comp. comp.

#4 No report

#5 No report
Provided By: Carlos Merley

8/20/07 6 AM
update

6 AM EDT

#1 Hole
02% CH4% CO ppm
13.1
31

Compressors Running

#4
151 Out Gas
29

#5 11/4" Down 720'

EDT Consec #1 Seal - 98a

220

Fans

MAIN - 5.2
EAST - 3.6
WEST - 3.2

Next update - 8 AM

At 31' depth #5 hole expects to intersect coal seam
8/20/07 8 Am

2:15 EDT - No.1 - 2" hole
   No.2 - B" hole - 2 comp. injecting air
   No.3 - B" hole - 42'
   No.4 - B" hole - outgoing
   No.5 - B" hole - 355'
   Roads getting to bull bar - 0.2% CO ppm

7:55 EDT - Conspec #1 deal -

FANS (water gage readings)
Main - East - West -

Next update 10 Am EDT

8/20/07 10 Am update

9:57 7:57 MT 9:57 EDT - No.1 - 2" hole - 0.2% O2 0.0 CH4 42 CO ppm
   No.2 - B" hole - 2 comp. injecting air
   No.3 - B" hole - 42'
   No.4 - B" hole - outgoing 14.7 6 37
   No.5 - B" hole - 495'

9:55 7:55 MT 9:55 EDT - Conspec #1 deal - 1.7% 0 214 CO ppm

FANS (water gage readings)
Main - 5.2 East - 3.6 West - 3.1

Next update 12 pm EDT
3- Concerned if any legal against them personally will TCS + SOL represent them. The what degree will they be legally liable.

Ed Claims handling from SOL office
11:00 EDT - No. 1 - 2" Hole - 13.4 0 43
No. 2 - 8" Hole - 2 injecting Air
No. 3 - 8" Hole - 2
No. 4 - 8" Hole - 14.7 0 34

11:31 - No. 5 - 8" Hole - 595'

11:57 EDT - Compee #1 Seal - 2.0 0 212

EDT - Fons (Watergage Readings)
Main - 5.2  East - 3.5  West - 3.2

Next update 2 pm EDT

1:51 pm EDT - No. 1 - 2" Hole - 0.76 44
No. 2 - 8" Hole - 2 Compressing Air
No. 3 - 8" Hole - 14.6 0 43

1:37 pm EDT No. 5 - 8" Hole - 695'

1:55 pm EDT - Compee #1 Seal - 2.2 0 210

1:55 pm EDT Fons (Watergage Readings)
Main - 5.2  East - 3.5  West - 3.4

Next update 4 pm EDT
4:30 PM EDT - No. 1 - 2" Hole - 0.2% CH4 2% CO 45 ppm
No. 2 - 8" Hole - 2 Compressors running. Air
No. 3 - 8" Hole -
No. 4 - 8" Hole - 14.8% O2 0% CH4 47 ppm
3:35 EDT No. 5 - 8" Hole - 7.75'

3:55 EDT - Conspec #1 Seal - 2.3 0 108

3:55 EDT - Fans
Main 5.2  East 3.5  West 3.4

Next update 6 PM EDT

6:35 EDT 6/20/17
Readings were called to HQ from MEU@Mine by Charlie
15:55 MDT #1 No Readings pump down
750 Comp 60 psi
5:55 EDT #2 8" Hole Compressor 375 Comp 55 psi,
#3 8" Hole
#4 15.8% O2 0.05% CH4 29 ppm CO
15:50 MDT Conspec #1 Seal 1.9% O2 0% CH4 212 ppm CO
5:50 EDT West 3.3
East 3.5  W. 6
Main 5.2

15:34 MT #5 Hole 849' - Scheduled 1000' to 5:34 EDT. Change to directional drill bit.

Target #1 entry @ #133 cross-cut
2000 feet.

17:20 Next scheduled update.
7:20 EDT
Greg Mickle took the readings @ HQ
17:35 MDT #1 14.3% O₂; 0% CH₄; 31 ppm CO
17:32 Drill Hole #2 2 compressors 375-80 psi 750-70 psi
17:47 #3 2 375-85 psi 1R - 50 psi
17:40 #4 14.8% O₂; 0% CH₄; 40 ppm CO
Handheld bag to follow.
17:25 #5 909 feet in depth... at 1000' a scheduled change of the drill to directional bit. Torque #1 entry @ #133 xc 2000#.
17:50 MDT ConSPEC #1 1.5% O₂; 0% CH₄; 214 ppm CO

Fan Pressure
WEST 3.3" W.G.
EAST 3.6"
MAIN 5.2"

Next update approx 10:15 EDT.

Devere Smith @ 10:12 PM EDT 8/20/2007

Drill Holes 19:30 #1 (13.3% - O₂; 0.05% CH₄; 31 ppm CO
bag Sample taken
19:34 MDT #2 Two Compressors injecting Air; 375 - N/Calced 750-
19:34 MDT #3 Two Compressors injecting Air; 375 - N/Calced 1R-
19:45 MDT #4 14.8% - O₂; 0.0% - CH₄; 42 ppm - CO outgassing
19:38 MDT #5 955 feet deep. Target is #1 entry @ #133 xc
At 2000' feet deep. Pulling steel to replace
the bit w/ Directional bit.

Next Scheduled update is 6:00 am EDT August 21, 2007

19:50 MDT Air 95% ConsPEC #1 Seal; 1.3% - O₂; 0% - CH₄; 214 ppm CO

Fan Pressure
WEST - 3.3"
EAST - 3.6" W.G.
MAIN - 5.2"
--- 8/10/7 6 AM Update ---

See email in email log.

EDT - No. 1 - 2" Hole
No. 2 - 8" Hole
No. 3 - 8" Hole
No. 4 - 8" Hole
No. 5 - 8" Hole

O₂ %  
CH₄ %  
CO ppm  
37   
0    
36

O₂: 13.2
CH₄: 0
CO: 36 ppm

EDT - Comps No. 1 Seal - 1.3

2:14

EDT - Comps No. 1 Seal - 1.3

Next update 8 AM EDT

--- 8/10/7 8 AM Update ---

Provided by Carlos Morley

EDT - No. 1 - 2" Hole
No. 2 - 8" Hole
No. 3 - 8" Hole
No. 4 - 8" Hole
No. 5 - 8" Hole

O₂ %  
CH₄ %  
CO ppm  
13.0   
16.3   
16.3

O₂: 13.2
CH₄: 0
CO: 36 ppm

EDT - Comps No. 1 Seal - 1.3

2:14

EDT - Comps No. 1 Seal - 1.3

Next update 10 AM

Fans

Main - 5.3"  
East - 3.1"  
West - 3.1"

Next update 10 AM
9:56 EDT - No. 1 - 2" Hole - 0.2% CH₄% 0 CO ppm Bog index 44

No. 2 - 8" Hole - 2 Comp injecting Air - 600 psi
No. 3 - 8" Hole - 1 Comp down - 1 Comp injecting Air
No. 4 - 8" Hole - 15 0 0 40

9:56 AM - No. 5 - 8" Hole - 1193'

9:56 AM - Compaction 1 sec.
Fins
Main - 5.1" East - 3.6" West - 3.1"

*Next update 12 pm EDT

8/24/07 12 pm update

12:59 EDT - No. 1 - 2" Hole - 1.7% O₂% 0.0 CO ppm Bog index 0.0

No. 2 - 8" Hole - 2 Comp injecting Air - 600 psi
No. 3 - 8" Hole - 1 Comp down - 1 Comp injecting Air
No. 4 - 8" Hole - 15 0 0 40

11:05 AM - Compaction 1 sec.
Ab. 4 - 8" Air reading 94 FPM

11:57 EDT - Compaction 1 sec.
Fins
Main - 5.2" East - 3.5" West - 3.2"

*Next update 2 pm EDT
Blad

No. 5 Hole - 1323'  

1:52 pm  #1 Hole  13.3  0.2%  Ch 7.5  Copp 50

#2 - Comping Air  
#3 - Count  
#4 -

Compo. No. 1 Seal  1.2

Fan

Main - 5.3''  East - 3.9''  West - 3.3''

Stated building Road to #6  Borehole blocking access to #3 & 4
Boreholes - No Reading

Next update  4 pm
Drill

13:50 #1 Still in the process of recovering drill equipment from site. John Urosec explained that the steel was left and they are wanting to blow off the bit to get coming down.

12:50 #2 8 5/8" 2 Compressor injecting air

13:50 #5 1383 feet deep.

13:55 #1 Conspec Seal O₂ - 1.0%; CO - 216 ppm;

Fan Pressure
West 3.3" W.G.
East 3.5" W.G.
Main 5.2"

The next update will be at 6:00 PM.

Devere Smith 5:05 PM

#1 No Readings
#2 750 injecting air 375 used on #1
#3 NOT Accessible due to road
#4

14:32 MDT #5 1439 feet

Conspec #1 Seal 1.0% O₂; 216 ppm CO

14:55 MDT West 3.3" W.G.
East 3.5" W.G.
Main 5.2"
Called in by: Devere Smith  6:25 PM  Aug 21, 2007

MEU at the mine:

#1 No Reading

Drill 15:30  
Holes:

#2  750 - 20 psi  330° at #1 drillhole

#3  2 compressors injecting air

15:40  

#4  15.4% O₂  0% CH₄  39 ppm CO  
180 FPM Anemometer; bag sample outgass

15:50  

#1 Soil  O₂ - 0.9%; CH₄ - 0%; CO 216 ppm

CONSPEC

Fan:
West  3.3”
East  3.5”  W.G.
Main  5.2”

16:15  

#5  1495 feet in depth.

Next update is scheduled at 8:00 pm.

---

EDT  8:00 PM  August 21, 2007

Greg Meikle  HQ Command Center

Devere Smith at the MEU called the information in:

#1 Same

17:40  

#2 Two injecting Air @ Approx 16:40 2nd started again

#3  1533 feet deep

#4  un able to access due to road constr

#5  to #6 hole

17:50  

#1 Soil  O₂ - 0.9%; CH₄ - 0%; 216 ppm CO

CONSPEC

Fan:
West  3.3”
East  3.5”  W.G.
Main  5.2”

Next update is scheduled for 10:00 - 10:30 PM EDT
Gregory B. Meikle  HQ Command Center
10:10 PM EDT UPDATE August 21, 2007

19:30 EDT

Drill #1 - Same as last update
Holes 19:40 #2 Holes 19:40 #3 Both compressors injecting air
19:30 EDT #4 Road Construction still blocking access
    #5 1612 feet depth
    #6 - Road Construction

19:50 EDT #1 Sec1 Conspec O2 - 0.9% CH4 - 0% CO - 2160ppm

Fan Pressure

West 3.2" East 3.4" Main 5.2"

Called in by Devere Smith 10:10 PM

#2 19:40 EDT Cap was removed and camera lowered which detected no changes in the
    hole in 20 minutes.

Next Scheduled update is 6:00 AM EDT
08/22/07 6 a.m. Update

02% CH2 CO ppm

CHECK EMAIL

Compressor #1 Seal

Faucet (water gauge)

Main - East - West -

4 more hours on #5 - 1812 ft
220/288 ft

12"/hr - last 4 hours
20 39 ft
10:00 AM

Brad Sevazió

#1 Seal
O₂ - 7.1%
CO - 8165 ppm

West down
East 0.2''
Main 1.7''

#3 - 2 compressor ingenuity

#4 O₂ - 15.8%
O₈ - CH₄
39 ppm - CO

#5 2,023 ft
12:05 PM

Brad Serazio

Time of death:
- Kinder - 06:32  8/23/07
- Black - 06:32  8/23/07

#6 hole
- next 38 E1
- next 138.5 E1

Update on drill holes yet provided by
MSHA staff at drill holes - Command
Cure will call HQ once they obtain this info

#1 level 02 - 6.4 ft
CO - 163 ppm

W tan 2.9°
E tan 3.3°
Main 5.1°
12:45 pm  Brad Serazio

5 hole
- The drill intersected the mine at a void and then hit 3 ft of rubble
- All noise sources were silenced
- They tapped on the drill steel and listened to the seismic system (seismographs)
- They are mapping out the holes and will lower a camera in the hole
- will take about 3 hrs to get the steel out

1:15 pm  Brad Serazio

1 plugged still
2 compressors incoming
Road blocked to #3 & #4 holes - smoothing out road for drill
5 pulling steel
1 seal 0.2 - 0.3 % 163 ppm - CO
West fan 2.8
East fan 3.4
M fan 5.1

8-22-07 1158 L e f t P M  
Brad

1203 P M  report

1 Hole  Plugged
2 Hole  2 Comps Running 60psi / 70psi
3 Hole  Blocked  2 hrs before we can get to hole
4 Hole  "  Building road to access #6 hole
5 Hole  Drilling still

Fans:

E - 3.4
W - 2.7
Main - 5.2

#1 Seal  6.1 02  CO  165 ppm
8/22/07 - 4:00pm Update

3:57

Bread

Compan d 25.5% CO 177 ppm
Fuels w 2.0 E 3.4 M 5.6

4:10

#1 plugged
#2 comp
#3 no reading
#5 pulled 500’ steel

8/22/07 4:30pm Update

Bread

COSPIE #1 scd 1 C 0 4.8% C0 129 ppm
Fuels w 3.9 E 3.4 M 5.5

#1 out g11
#2 comp running 50 psi, 10 psi
#3 no reading
#5 pulling steel

4:57

#4 2 comp running
15.6 c0 0 C H 0 CO 3.5 ppm
260 A pm output

#1 bottle sampling
<table>
<thead>
<tr>
<th>EDT</th>
<th>#1-2&quot; hole</th>
<th>( % )</th>
<th>Cu ( % )</th>
<th>Cu ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDT</td>
<td>#2-8&quot; hole</td>
<td>( % )</td>
<td>Cu ( % )</td>
<td>Cu ppm</td>
</tr>
<tr>
<td>EDT</td>
<td>#3-8&quot; hole</td>
<td>( % )</td>
<td>Cu ( % )</td>
<td>Cu ppm</td>
</tr>
<tr>
<td>EDT</td>
<td>#4-8&quot; hole</td>
<td>( % )</td>
<td>Cu ( % )</td>
<td>Cu ppm</td>
</tr>
<tr>
<td>EDT</td>
<td>#5-8&quot; hole</td>
<td>( % )</td>
<td>Cu ( % )</td>
<td>Cu ppm</td>
</tr>
<tr>
<td>EDT</td>
<td>#6-8&quot; hole</td>
<td>( % )</td>
<td>Cu ( % )</td>
<td>Cu ppm</td>
</tr>
</tbody>
</table>

**Next update 8AM EDT**

---

Edger Wall Seal

**Main Fans**
- East
- West

8/23/07 CAM update EDT
9:45 AM EDT
1. hole plugged
2. hole - 7" long
3.
4. 15.5% C44-0
5. plugged with mud - no reading
6. preparing drill to move

9:55 AM EDT
Compressor #1 1.2% 206 ppm

From
Main 5.8  East 3.5  West 3.8

Next update - 12 pm EDT
9:10 MDT -- Brad Deranger
Drill started making
the location where #6
hole will be drilled

12:00 EDT -- Brad
Deranger

0950
#4 O2 15.8% CH4 0.4% CO 42 ppm
0950 #2, #3 - 2 compressors in each
#4 - 1 compressor in 4
#5 mud pump

Drill at #6 pad site
Drill with internal mixer at
exit 138.5 in E1

41读 1.2% O2 205 ppm CO
West 3.8” East 3.4” Main 5.9”
2:00 pm update: 8/23/07

Bred

#2 hole 2 comp 80 psi 80 psi
#3 hole 1 comp 80 psi
#4 hole drill setting up

central #1 sonic 1.0000.02 0.0 206 ppm
Kans W 3.9' E 3.4' M 5.6'

4:00 pm update:

Bred

B156

#3 comp 80 psi
#4 still setting up

d/soul 023.1 0.0 0.0 197 ppm
Fan W 3.9' E 3.5' M 5.7'

#6 hole TO 1763'
44.6 hours 50 hours
Get out of the way. The lightning wants you.

4:30 PM #2 Hill, 6:30 PM

W 3° 8" E 3° 4"

Get out of the way. The lightning wants you.

4:30 PM #2 Hill, 6:30 PM

W 3° 8" E 3° 4"

Get out of the way. The lightning wants you.

4:30 PM #2 Hill, 6:30 PM

W 3° 8" E 3° 4"
8/24/07
10:45 AM

Jack Kungor stated that
the plan to recover mine
equipment from #66 Cut
outlay was approved by
him at about 2:00 pm
2100 PM

1ST #1 Seal 08 08 40 20 20 CO 34 ppm
Fin P 0.9 E 3.4 N 5.8

Drills #6, 505', drill running
#3 hole 2.3 cmps

Classification of the 8/22/07 map
# hole 1 started 8/7 at 2200 (10:00 PM)

Dwyr) finished at 8/9 at
21:06 PM (9:00 PM)
Reading on 8/10 at 19:00 PM (7:00 PM)
O2 7.4 %, CO 172 ppm

#2 hole (8") started 8/8 at 12:48 PM
finished 8/10 at 00:57
(2:47 EDT)

#3 hole
8/11 at 11:30 AM not correct
O2 20.5 %, CO # ppm

#4 hole started on 8/16 15:45
Finished 8/18 9:16 AM
O2 13.8 %, CO 19 ppm

#5 hole 8/19 started 20:15 AM
finished 8/22 8:30 AM
12:00 pm
Brad Serazio

0955

#1 Seal
O₂ - 18.2%
CO - 36 ppm

Fan
West 3.8''
East 3.5''
Main 5.9''

#6 drill & broken down

#2, #3, & #4 hole comprating

still blowing air into hole (17883)
4:00 PM update (Brad)
1:50 AM drill readings
#6 drill depth 583 feet
#2, 3 & 4 compressors up (meaning)

#2 - 2 comp
#3 - 2 comp
#4 - 1 comp

1:55 PM
#1 seal

Fan O2 18.4%, CO 36 ppm
W Fan 3.9, E 3.5, Main 5.8
01/24/07 6:00 update

6:00

0.5%

W 3.0" E 3.6" M 5.74

#2 Hole both comp
#3 Hole c
#4 Hole #1
#6 7.43 Comp
10:00 AM 8/25/07

Drill #6 1,446 feet

#2 hole - 2 compressors 60 psig; 68 psig

#3 hole -

#4 hole - 1 compressor using air

#1 well (Compress) 18.4% O2

412 ppm CO

Fans:
West 3.7”
East 3.6”
Main 5.9”

No one CG at this time

They just wanted to check for movement

Last three days, no movement. If no movement today, then MSTIA will allow setup to be moved.

They’ll move SC & another PC out from X-cut 107 today.
12:00 pm Bond

11:40  Plan approved to allow to remove equip from xmt 107
       12 personas
       Rock dust removed

11:55  #2, #3, #4 holes
       compressor uniq air - no change
       #6 1,540 feet

       Compressors
       O2  18.4%
       CO  42 ppm

       Fan
       West 3.8'
       East 3.4'
       Main 5.8'

3 persons UG including 1 MSHA
Aug 25, 2007
2:00 PM UPDATE

Provided by: Brad Serazio

11:55 am Drill Hole injecting air

#2 2 Cfm/Min / (60 psi / 460 psi)

#3 2 Cfm/Min / (60 psi / 480 psi)

#4 2 Cfm/Min / (75 psi)

#6 1623 feet

FAN:

West - 3.8" W6
East - 3.4" W6
Hain - 5.6" W6

Sample in mine (1 amp HSAA)

Renew bulk mine fan 4/14/07 North Main

[Signature]

Tony Mullard
Aug 25, 2007
4:00 PM EDT UPDATE

PROVIDED BY: BRAD SERAZIO

13:58 DRILL HOLES
  # 2  2 compressors inj. air
  # 3  2 compressors inj. air
  # 4  1 compressor inj. air
  # 6  1688 - approximate ft. go.

13:58 CONSPEC

  O₂ - 18.1 %
  CO - 46 PPM

  FAN WEST - 3.8 " " W6
  EAST - 3.5 " " W6
  MAIN - 5.9 " W6

* W6 are in motion at this time.
Aug 25, 2007
6:00 PM UPDATE (FINAL FOR DAY)

PROVIDED BY: Devere Smith

CAPE
DRILL REPORT

#2 204 ft. 3 AM 15 60 ft. 60 psi
#3 204 ft. " " 15 60 ft. 60 psi
#4 104 ft. 1 AM 15 100 ft. 100 psi
#6 Double String - void detected

16:02

CONFIRMED "no void" at 6:40 EST

CONSPEC REPORT

O2 - 17.9%
CO - 52 ppm

FAN REPORT

West: 2.8"
East: 2.5"
Hain: 5.8"

4 people involved (includes Medium Weight)
Drill Report

#2  2 Comp @ 60 psi
#3  2 Comp @ 60 psi 80 psi
#4  1 Comp @ 80 psi
#5
#6  Removing Support Equip Zero visibility 3:22 AM

Conspec Report 17.4 O₂ 64 CO 239

Fan Report
3.5 East
3.6 West
5.9 Main

Developments
5 UG (Inspector)
Get a couple 1 Boom Truck, Welder
Non @ Xcut 56

8:00
Barry Grosdy
③ 0503 all compressors up & running, still removing drill materials from #6

17% O₂ 69 ppm CO

W 3.6
E 3.5
m 5.8
Drill Report

#2 2 Comp In 60/60
#3 2 Comp In 60/180
#4 1 Comp In 80
#6 Drill is standing by by for word on if/where the

Conspec 16.9 % O₂ 71 ppm CO

Fan Report
35 E
3.6 W
58 m

(following about sealing
Camera back down
#4 hole)

Developments

4 0g CI fang)
Blad

Noon

Brod

Drill Report

#2 Compressors running injecting gas
#4 " " " " "
#6 Cover over hole waiting on decision for #6 hole

Conspec 90₂%
16.9% 78 ppm CO

Fan Report

3.4 E
3.8 W
5.8 m

Developments Going to drop camera down #4 hole
If they feel it is safe they will drop down robot to explore
8-26-07
Braed Sperazio

Drill Report 2:00 P.M.
#2 2 compressors injecting gas
#3
#4 Turned off compressor & lowering camera
#6 Covered hole - DRILL waiting on decision #7

Conspec %0.1 %0.9% Appr 60 73 ppm

Fan Report W.C.
E 3.4
W 3.8
M 5.9

Developments: Jack Kosar & Robot specialist is talking to the families
3 men underground

MSHA
Drill Report: at 15:55 MT for 45 minute
1. 2 Compressors running at 60 psi each
2. Ready to lower Bobst with camera
3. No compressor running.

Concealed report: 16.3% O2 83 ppm CO

Fan report: W 3.5''
E 3.8''
S 5.8''
N 3.8''

Developments: 2 underground 1 MSHA
Gregory B. Meikle  HQ Command Center

August 27, 2007
6:25 AM  EDT.

Drill Holes
#1 - Plugged, no more readings.
#2 - 2 compressors injecting @ 60 psi
#3 - No compressors running
#4 - Removing robotCam.
#5 - Plugged, no more readings
#6 - Covered.
#7 - Under consideration?

Air Quality
#1 Seal (Conspec)
O₂ - 17.2%  ;  CH₄ - No report ;  CO - 69 ppm

Fan Pressure:
West  3.7”  W. 6.
East  3.5”
Main  5.8”

This update was provided to HQ Command Center by Russell Bloomer from the MEU at the Grindall Canyon Command Cent.

NOTES: Eight miners underground removing equipment.
1 Inspector MSHA in addition to the 8
9/13 Wagner (one of Energy West’s loaner@)
XC 104 between E+1, 4 5:35 A.M. EDT.

Continuous Miner Co. #5054 removed 5:30 AM
EDT @ XC 7, 2 is where the machine was waiting for
removal.

Weather:  Mod. Rain
Drill Holes

#1 - Plugged - no more readings
#2 - 2 compressors injecting air @ 60 psi
#3 - Compressor not running
#4 - " " - all removed
#5 - Plugged
#6 - Covered
#7 - Same

Air Quality

#1 Seal (CONSPEC)

O₂ - 16.9% ; CITY - not reported ; CO - 75 ppm

Fan Pressure

West 3.7" W.G.
East 3.6"
Main 5.4"

Notes: No additional equipment removed. At this time no one underground.

This update was provided to the HQ Command Center by Russell Bloomer from the MEU at the Crandall Canyon Command Center.

The next update is scheduled for 10:00 am EDT.
Drill Holes
#1 - Same
#2 - 2 compressors injecting air
#3 - Compressors not running
#4 -
#5 - Plugged
#6 - Covered
#7 - Same

Air Quality
#1 Seall (CONSPEC)
O₂ - 16.7%  CH₄ -  u  CO - 7.9 ppm

Fan Pressure
West  3.7"  East  3.6"  w. 6.
Main  5.8"

Notes: 2 miners in the mine, firebossing

This update was provided to the HQ Command Center
by Brad Serazio from the MEU at the Crandall
Canyon Command Center.

The next update is scheduled for 10:00 am EDT.
Drill Holes
#1 - Same
#2 - 2 Compressors - Injecting air
#3 - X & ME
#5 - Plugged
#4 - Covered
#7 - Dozer is preparing access. #3 entry at the or just in by #137 Cross-cut is the target for drill.

Air Quality
#1 Seal (ConSpec)
O2 = 16.7%; CO = 79 ppm

Fan Pressures
West 3.6"  
East 3.6"  
Main 5.9"

Notes:  7 miners underground which includes 3 MSHA inspectors. During update miners came out leaving 4 miners UG including 1 MSHA inspector. Camera damage is being repaired. Damage from last night.

Monitors at the #107 Cross-cut were checked and no movement was detected.

The update was provided to the HQ Command Center by Brad Serazio from the MEC at the Crandall Canyon Command Center

The next scheduled update is at 2:00pm EDT.
2:00pm EDT

6/27/07

Conspec

#1 real
O₂ 16.8%
CO 79 ppm

Fan
West 3.6'
East 3.6'
Main 5.9'

12 including 1 MSTA A
Robert will go down #3 hole when camera is repaired

#7 drill hole - pad nearing completion
4:00pm EDT

#1 seal
O₂ 16.90%
CO 77 ppm

Fan
West 3.6"
East 3.6"
Main 6.0"

UC -10 (including miners)

#3 5th trailers brought out (keep item on list)

Raining. Rain is hindering progress—making substantial amount of mud
6:00 EDT

Devere Smith

1 real
02 16.7%.
CO 81 ppm

Fan
West 3.7"
East 3.5"
Main 5.9"

UG:
2 mineless (including 1 MSHA)
#1 - plugged
#2 - no change
#3 - not being readied
#4 - no change
#5 - plugged
#6 - covered
#7 - no change
8/28/7

#1 Deck
02 - 18.10%
CO - 58ppm

Fan
West - 3.6"
East - 3.6"
Main - 5.8"

6:00 EDT drilling started

#2 hole - 2 comp air

#3 hole - inaccessible up to

#4 hole - muddy conditions

#1, #5, #6 - no change

#7 - 15 to 20 ft deep

Depth of cover 1870 feet

No one US at this time
8:00 AM  6/28/07

R. Bloomer

#1 Seal
O₂ - 18.2%
CO - 56 ppm

Fan
West - 3.6"
East - 3.6"
Main - 6.0"

Drill
#2 - same
#3 & #4 - same

#7 - 50' deep

8 miners underground (Including Inspector)
10:00 AM

Brad Grazio

#1 Seal
$O_2 - 18.3\%$
$CO - 54 \text{ ppm}$

East 3.7"  West 3.7"
East 3.6"  Main 60"

906 including 1 MSHA

Drill
#2 - same
#3 & #4 - same

#7 - 124 feet
12:00 EDT

Brad Sernjio
8/28/07

#1 CONSPEL
  Seal
  O2 - 18.5%
  CO - 50 ppm

Fan
  West 3.7"
  East 3.6"
  Main 6.0"

including
14 miners UG - 1 MSHA

Hole Update
#2 same
#3 & #4 same

#7 was 172 feet deep
Air Quality at 11:50 a.m. MDT (CONSPEC):

- O₂: 18.6%
- CO: 50 ppm
- CH₄: Not Reported

Fan Pressures:
- West: 3.8" W.G.
- East: 3.6" W.G.
- Main: 6.0" W.G.

NOTES:
- Total of 12 miners are underground, which includes 1 MSHA

Drill Holes:
- #2: Compressor injecting
- #3: Idle
- #4: Plant

[11:55 A.M. MDT: Pulling out last of drill steel for directional MDT bit (200' in depth @ 11:20 A.M.)]

This update was provided by Brad Serazio at the MEU at the Crandall Canyon Mine.

The next scheduled update is at 4:00 p.m. EDT.
Air Quality

#1 Seal (CONSPER)

13:50 pm

O₂ - 18.8%
CO - 50ppm
CH₄ - Not

Fan Pressures

West - 3.8”
East - 3.7”
Main - 6.1”

Drill Holes

#2 - 2 Compressors injecting @ 60 psi; 60 psi
#3 - 2 Compressors injecting @ 60 psi; 80 psi
#4 - 1” @ 75 psi
#7 - Still installing the directional drill bit.

Notes: The following Equip. has been removed from the mine
1) A trailer
2) Mini Trac battery charger
10:55 AM MDT
1) Battery-operated scoop
8:35 AM MDT

14 miners, U.G. which included MSHA inspector.

This update was provided by Brad Sorazio at the MEU
at the Crandall Canyon Mine.

The next scheduled update is at 6:00 pm EDT.
Air Quality

#1 Seal (Conspec)
O₂ - 18.6%; CO - 50ppm; CH₄ -

Fan Pressures

West - 3.8"  East - 3.6"  W.G.
Main - 5.9"

Drill Holes

#2 - 2 compressors injecting
#3 - Road conditions prevented access
#4 -
#7 - Still installing the directional drill down hole.

NOTES:
2 miners in the mine.

This update was provided by Dever Smyth at the MEU at the Crandall Canyon Mine.

The next scheduled update is at 6:00 am EDT August 29, 2007.
8/29/07
6:00 EDT

Russell Bloomer

#1 seal
02 = 18.9 o2
CO = 46 ppm

Fan
West = 3.7"
East = 3.6" Main = 6.2"

No one UG

#2 - same
#3 #6 #4 - not accessible
#5 #6 - no change

#7 - 883 feet deep
8/29/77
8:00AM

#1 seal
02 - 18.98%
CO - 48 ppm

Fan
West - 3.7" West
East - 3.7" East
Main - 6.0" Main

#2 - same
#3 & #4 - same
#7 - 7:45 AM stopped - waiting for water truck
963 feet deep

10 miners 06 including 1 MSHA inspector
10:00 AM

8/29/07

Tain

Curtis

CONSPEC

#1 seal

O₂ - 18.9%

CO - 48 ppm

Fan

West 3.4'

East 3.6'

Main 5.9'

Drill

#2 - no change

#3 8.4' 4 - no change

#7 8:42 EDT started

1,023 feet

11 miners using MBTA

including inspector
Air Quality  
#1 Seal (CONSPEC) 11:00 EDT a.m.  
O₂ - 18.9%  CO - 46ppm  CH₄ - Not Reported  
12:00 a.m  O₂ - 19.0%  CO - 46ppm  

Fan Pressures  
West - 3.5"  
East - 3.7"  3.6" W.G.  
Main - 6.0"  12:00  

Drill Holes  
#2  2 Compressors injecting @ 60 psi  
#3  Compressors out of fuel - muddy roads and problem with fuel pump.  
#4  
10:45am #7 - 1063' feet deep  
11:40am #7  1103' feet deep  

NOTES: 10:40 EDT am  10 miners plus one MSHA inspector underground  

11:00am EDT  9"  plus one MSHA  
12:00  11:35am EDT  10 miners plus " "  

This update was provided bytain Curtis at the MEC at the Crandall Canyon Mine.  
The next scheduled update is at 2:00 pm EDT.
Gregory B. Meikle, HQ Command Cent.
August 29, 2007, 11:00 am

Air Quality

CO - 44 ppm

02 - 19.0% CO - 44 ppm

#1 Seal (CONSPEC) 12:55 pm

11-20-07

Fan Pressures

West - 3.6" East - 3.6" Main - 6.3"

1:16 pm - 1:15 pm

(b) (7)(C)

underground foreman reported equipment in the main intake restrictor air flow

Drill Holes

2:00 pm 

#2 - 2 compressor injectors 8 60 psi

1:00 pm 

#3 - 1 2 90 psi

12:20 pm 

#4 - 1 2 75 psi

#7 - 1163' feet deep (di: depth) 1203' @ 1:44 pm E.D.

Lane Adair, Wendell Christiansen extra. my CONSPEC will give all info on complete system not sure how far back.

EDT

NOTES:

11:40 pm 11 miners and 1 inspector MSHA. Total 12

2:05 6 miners

1:05 pm 12 miners and 1 inspector 13

1:35 pm 10 miners 1 inspector 11

This update was provided by Tami Curtis at the MEU at the Crandall Canyon.

The next scheduled @ 4:00 pm & 11.
Gregory B. Meikle  
HQ Command Center 
August 29, 2007  
4:00 pm EDT

Air Quality

Seal (Conscript)  
O₂ - 19.0%  
CO - 44 ppm

Fan Pressure

West - 7.6'  
East - 3.6'  
Main - 6.2'

Drill Holes

#2 - 2 Compressors injecting air  
#3 - 7 No Access working on Rock  
#4 - 1

#7 1243' in depth  
12.83' @ 4:00 pm

Notes:

4:00 p.m. EDT.

14 miners plus 1 inspector

This update was provided by Tom Curtiss at the MEN
at the Crandall Canyon Mine.

The next scheduled update is at 6:00 pm EDT.
Air Quality

#1 Seal (CONSPEL)
O₂ - 18.9%   CO - 48 ppm

Fan Pressure
west - 3.6"  East - 3.7"  Main - 6.3"

Drill Holes
#2 - 2 compressor injecting air @ 60 psi
#3 - 1 "    " @ 80 psi
#4 - Compressor off - outgassing
17.3% O₂   40 ppm CO

#7 - Depth of drilling 1406 feet.

NOTES:
5 miners underground

This update was provided by Devere Smith at the MEU at the Crandall Canyon Mine.

The next scheduled update is at 6:00 AM August 30, 2007.
Casey Sears  HQ Command Center
Aug 30, 2007  6:00 a.m. Eastern Daylight Time
0600 hrs

Air Quality  #1 Seal (compact)
O₂ - 18.6%  C0 - 56 ppm
#90 x6 intake 20.9% O₂  Return  CO 3.0 ppm

Fan Pressure
West - 3.5
East - 3.8
Main - 6.2

Drill Holes
#2 2 Compressors injecting @ 60 psi
#3 No report on when compressor will
#4

#7 Inspector at drill hole now close to
breaking through @ 1863'

Notes  7 Miners underground  MSHA # 0

This update provided by Russ Blommer

#7 drill penetrated the mine at 6:15 am
& 2' to 3' opening.
Casey Sears H-Q Command Center
Aug 30, 2007 8:00 am EDT
Provided by Ross Bloomer

Air Quality
- Seal (conspec)
  O₂ - 18.5%
  CO₂ - 1058 ppm
- 90 XE intake 26.4% O₂ Return 1022 ppm

Fan
- West - 3.5
- East - 3.8
- Main - 6.1

4:30 AM

Drill
Holes
- #2 Shut down compressors 4:30 AM
- #4
- #7 Shut rig down & started signaling
  No return signals & no response on geophone

Notes
- 7 Miners underground
  = Total = 8

This update provided by Ross Bloomer

Restored air compressors 5/15 AM
- #7 Hole ready to pull drill steel
  Depth of hole estimate 1872 feet

Drill
- 6:00 EDT
- #2 Air compressor injecting @ 66 psi
  3 19th " " " @ 80 psi
  4 1/4 " " " @ 75 psi
Casey Sears
Aug 30, 2007
10:00 am EST
Provided by
Bill Taylor

Air Quality
#1 Seal (50 ppmc) 750 ft
O2 = 18.5%
CO 60 ppm

#90 CX intake 20.5% O2 Return CO 9.2 ppm

Fan Pressure
West 3.5
East 3.8
Main 5.4

Drill Hole
#2 & 3 compressors injecting air
3 1 " " " "
7 Pulling steel from hole.

Notes: 9 Miners Underground + 1 MSHA
Anticipate drill steel out at ~12:00 EST
Air Quality

Seal (coarse)

O₂ = 15.4 %

CO = 62 ppm

Fang

Wind:

West 36

East 38

Moor 67

Drill #2

No change all compressors running.

Holes

3

4

5 7. At 9 am MT I am still pulling drill steel
at 12 pm Eastern. Steel bit of hole
Camera Truck in place.

Notes:

1. Miners underground + 1 MSHA

12 Total


Drilled 7' of rubble.

Drilled 6 holes into floor.

Height of the entry 9.7 foot

Orig height was 7.7 feet
Gregory B. Meikle  HQ Command Center

August 30, 2007   2:00 pm EDT.

This update was provided by Tain Curtis from the MEU at the
Drill Holes

#3   NOT Reported.

#4

12:20 p.m. #7 - Starting to lower the camera and microphone.

1:25 p.m. EDT

1865 feet encountered water and mud with camera. Raised 10', 1855', and waited 10 minutes, lowered again and encountered water and mud at 1860 feet. There was a conclusion that the hole was plugged.

1:50 p.m. EDT

Hole was filling with water at a rate of 1 foot every 3 minutes.

2:00 p.m. EDT - Decision was made to lower the camera into #2 drill hole.

Air Quality

#1 Seal (CONPEC)  1:55 p.m. EDT

O₂ - 18.4%        CO - 64 ppm
CO₂ - 0.0%        CO - 3.2 ppm
XCF #90

in return

Fan Pressures

West  3.7"  East  3.7"  N.E.
Main  6.3"

Note: 11 miners plus 4 MSHA personnel underground 15 total.
Next scheduled update is at 4:00 p.m. EDT.
Drill Holes

#2 - Camera was sent down hole and did not view any significant change.
#2 Compressors injecting air after camera removed.

#3 - Compressor injecting air.

#4 - Crew in lowering camera into hole at the time of the report.

Air Quality

#1 Seal (CONSPEC)

O₂ - 17.9%  CO₂ - 76 ppm

X-CUT #9 in #4 entry (Return)

O₂ - 20.5%  CO₂ - 2.6 ppm

Fan Pressure

West = 3.7"  East = 3.7"  Main = 6.1"  W.G.

Notes:

8 miners plus one (1) inspector MSHA underground total 9 underground

This update was provided by Tam Curtis at the MEU at the Crandall Canyon Command Center.

The next scheduled update is at 6:00 p.m. EDT.
Gregory B. Mecikle  HQ Command Center  
August 30, 2007  6:00pm EDT  

Drill  5:50p.m EOT  #2 - 2 Comp injection @ 600 psi  

Holes  #3 - 1 compressor, air @ 80 psi  

#4 - Camera is down the hole and the robot will be sent down, can be entered through the #4 hole.  

#7 - Removing drilling equipment.  

Air  

Quality  

#1 Seal (CONSPEC)  8:50 EDT p.m.  

O₂ - 17.3%  ;  CO - 87 ppm  

XC #90 in #4 Entry (Return)  

O₂ - 20.4%  ;  CO - 3.0 ppm  

Fan  

Pressure  

West - 3.7"  ;  W.G.  

East - 3.7"  

Main - 6.2"  

Notes:  5 miners underground... 5 total  

This update was provided by Devere Smith, at the MEU at the Crandall Canyon Mine, Command Center.  

The next scheduled update is at 6:30 am EDT.  

Monty, Cristo
Gregory B. Meikle HQ Command Center
August 31, 2007  6:00 am

Drill Holes
6:11 EDT #2 - 2 compressors
#3 - 7 compressors injecting air 80 psi 60 psi
#4 - 1 Compressors " " 75 psi
#7 - No Report

Air Quality
#1 Seal (CONSPEC)
O2 - 14.2% CO - 113 ppm

XC #90 in #4 Entry (Return)
O2 - 20.4% CO - 3.2 ppm

Fan Pressure
WEST - 3.5" W.C.
EAST - 3.7" W.C.
Main - 6.1"

NOTES: 5 miners underground 5 TOTAL

This update was provided by Russel Bloomer at the MEU at the Crandall Canyon Mine Command Center
The next scheduled update is at 8:00 am. EDT