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 to 67' in by XC 125
rock props 32' in by XC 125

4:05 pm 2" hole CO-34 ppm O_2-15.9%
CH_4-0

8" hole no change - ingassing
3 compressors to inject air

#3 hole - tripping steel back into
hole - w/ directional motor

stickler, stricklin, Davis & Urosek
going U/G

3:00 pm 47,430 cfm over miner #1 entry
20.8% O_2 CH_4 0 CO 0

80' in by XC 120 #1 entry
70560 cfm 20.8% O_2 0 CH_4 0-CO

XC 120 regulator #2 entry
1,725 cfm 20.8% O_2 0 CH_4 7 ppm CO

XC 119½ #3 entry
33,920 cfm 20.8% O_2 0 CH_4 0 CO

XC 119½ #4 entry
46,800 cfm 20.8% O_2 0 CH_4 0 CO

No bumps, no movement

3:55pm air over miner
49,980 cfm 20.8% O_2
0 CH_4 0 CO #1 entry
80' in by XC 120 #1 entry
76,860 cfm 20.8% O_2
CH_4 0 CO 0

bumper power center

6:00 pm Update

Bob Cornett 5:00 54 N6 - 12 MSHA

5:55pm Drill Hole #3 8:00 pm EOT start drilling
2" Hole O_2 15.7% CO 31 ppm CH_4 0

6:00pm 67 ft. in by 125 XC roof props 32 ft. in by

5:26 finished bolting / switching ent w/ miner
9,000 cfm down 6" hole

6:00pm 124½ XC by head in miner
36,720 cfm 20.8% O_2 8 ppm CO 0 CH_4

6:15 intake #1 80' in by 120 XC
65,098 cfm 3 ppm CO 20.8% O_2 0 CH4

#1 sec 5.6% O_2 190 ppm CO
0 CH4
50 N6 - 10 MSHA

6:00 pm update

6:05 intake 50,526 cfm 20.6% O_2 0 CH_4 0 CO
#1 entry 80' in by 120 XC

7:55 74' in by 125 XC clean up
34' " " preps

7:40 two small bumps

7:55 at mine fan 34,780 cfm
20.9% O_2 18 ppm CO 0 CH_4

U/G 38 total, 3 MSHA

7:00 pm #1 29,784 at mine
20.9% O_2 9 ppm CO 0 CH_4

#1 54,000 cfm 80' in by XC 12
20.6% O_2 0 CH_4 0 CO

#2 3,950 cfm 20.5% O_2 0 CH_4 0 CO
#3 25,175 cfm 20.4% O_2 [redacted] ppm CO
0 CH_4
#4 27,000 cfm 20.3% O_2
12 ppm CO 0 CH_4
#1 Sub 6.0% O_2 185 ppm CO 0 CH_4

6:05 #3 drill 804 ft.
2" Hole 14.9% O_2 31 ppm CO 0 CH_4

8/14/07 10:00 pm update

10:00 pm 43 people w/o — 3 MSHA

10:00 pm advance 77 ft. inby 125 XC
rock props 49 ft. " " "

2nd miner 16,875 cfm 20.5% O_2 0 CO 0 CH_4

#1 80' inby 120 XC
65,772 cfm 20.9% O_2 0 CO 0 CH_4

#2 2,948 cfm 20.9% O_2 6 ppm CO 0 CH_4
#3 35,910 cfm 20.8% O_2 8 ppm CO 0 CH_4
#4 34,992 cfm 20.8% O_2 8 ppm 0 CH_4

#1 seal 4.6% O_2, 176 ppm CO, 0 CH_4.

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

10:00 pm 924 ft. #3 drill
2" Hole 15.0% O_2 35 ppm CO 0 CH_4

Info Provided by T. Hooker 8/15/02 update (703) 879-1415
6:05 AM 6 AM

5:45 AM EDT Cleanup Progress - 115' in by XC 125

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

6 AM EDT - AIR READINGS -

				O_2%	CH_4%	CO ppm
80' XC 120	#1 Entry	57,390	CFM	20.8	0	0
	#2 Entry	44,680	CFM 4,680	20.8	0	0
	#3 Entry	33,725	CFM	20.8	0	11
XC 119.5'	#4 Entry	38,340	CFM	20.8	0	9
	AT Miner	22,968	CFM	20.8	0	0

↳ miner head blocking air movement

Cowspec AT #1 SEAL 2.6%

		O_2%	CH_4%	CO ppm
5:25 AM	Sample Handheld			
	Bag Sample 2" hole -	5.0%	0	205
		15.3	0	215

8" hole, - 3 compressors running 34 ppm

EDT 5:25 AM No 3 Drill hole - 1204'

No. 4 Drill pad

36 people in mine including 6 MSHA

4:26 AM Ground activity - Significant Bounce at XC 125
Everyone accounted for blew out

4:45 Miner Down - Cutter Both cutter shafts broken

5:50 Having trouble removing cutter shafts

4:15 AM Moved Drinking H_2O & SCSR's to XC 125

next update 8 AM

Info provided by T. Hooker 8/15/07 update
8AM 703 879-1415

EOT Cleanup Progress – 115' inby XC 125

EOT Rock Prop Progress – 75' inby XC 125

8AM EDT Air Readings – 54,180

		O_2	CH_4	CO ppm
#1 Entry	~~21,915~~ CFM	20.8	0	0
#2 "	4,935 "	20.8	0	6
#3 "	32,680 "	20.8	0	6
#4 "	31,180 "	20.8	0	17
8 AM at Miner	22,988 "	20.8	0	•

21,915 + 45' XC 125

8 AM Compressor Seal #1 – O_2 ~~2.5~~% CO ~~206~~ ppm CH_4
Handheld 4.1 216

Ground Activity – None
Miner Bolt Operating

7:55 AM 2" Borehole – 15.2% O_2, CH_4 0, CO 31 ppm

8" Borehole – Still injecting Air with 3 Compressors

~~7:55~~ 8 AM No. 3 Borehole – 1274' 1304' – 110' of goal

		O_2	CH_4	CO
For – West	5.6 in H_2O	~~20.9~~% 20.9%	0	0
East	5.5	20.9%	0	0

Next update – 10 AM

Info Provided by Bill Taylor — 10AM update 703-879-1415

Called Bill 9:55 AM EDT - Henson gathering info for Kevin's briefing will call me back - Called Back 10:22 AM EDT

10AM EDT Cleanup progress - 121' inby XC 120

10AM EDT Rock Prop progress - 86' inby XC 125

10AM EDT Air Readings

				O_2%	CH_4%	CO ppm
XC 120	#1 Entry	56,070	CFM	20.8	0	0
	#2 "	5,437	"	20.8	0	14
XC 119½	#3 "	33,792	"	20.8	0	8
	#4 "	30,186	"	20.8	0	11
	AT Mine	31,328	"	20.8	0	14

		O_2%	CH_4%	CO ppm
10AM	Conospec Seal #1	2.5	0	206
	~~Handheld~~ Handheld	4.8		160

Ground Activity - ~~Done~~ No. 3 entry XC 119 Pillars taking some wt. Keeping an eye on it

		O_2%	CH_4%	CO ppm
9:48A	No. 1 2" Borehole -	15.2	0	31.

8" No. 2 Borehole - ~~8~~ Still injecting air

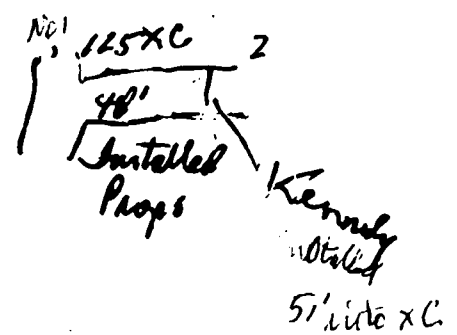
1414 10AM No. 3 Borehole - 1364'

~~No. 4 Pad site developed ready for drill~~

None FAM (main) East West

H_2O O_2 CH_4 CO

10 AM 32 U.G. 3 MSHA



next update 12:30 pm EDT

Info Provided by Bill Taylor — 8/15/07 update
12:30 pm EDT 703 879-1415
called Bill at 12:25 PM EDT he will call back with update - Bill called at 12:30 pm had to hang up will call back - Called Back at 12:45 pm
12:12pm EDT Cleanup Progress - 122' inby XC125

12:12pm EDT Rock Props Progress - 86' inby XC125

12:12pm EDT Air Readings

				O2%	CH4%	CO ppm
80°	20XC #1 Entry	58,225	CFM	20.8	0	0
	#2 "	5,357	CFM	20.8	0	0
119'	#3 "	33,725	CFM	20.8	0	0
N	#4 "	31,860	CFM	20.8	0	7
	At Mine	29,078	CFM	20.8	0	0

Crosscut 12:12pm EDT Seal #1 2.4 O2% 0 CH4% CO ppm 206
Handheld 3.7 O2% 0 CH4% CO ppm 227
2" Borehole - 15% O2 CH4 0 CO 33ppm

EDT Ground Activity - 114 to 119 in No. 1 - more material Falling on road
EDT No. 2 - 8" Borehole - in gassing - injecting air

EDT No. 3 Borehole - 1404'

EDT Main Fan
East
West

42 UC 3 MSHA

Next Update at 3 PM

Info provided by ~~Bill Taylor~~ 8/15/07 update 3PM 709 879-1415

3PM EDT - Cleanup progress - 128' entry XC125

3PM EDT - Rock prop progress - 102' entry XC125

3PM EDT Air Readings		O_2%	CH_4%	CO ppm
80'-120 XC #1 Entry	60,480 CFM	20.8	0	0
Did not take these readings #2 "	— CFM	—	0	
#3 "	— CFM	—	0	
#4 "	— CFM	—	0	
At Miner	27,923 CFM	28.8	0	8
		O_2%	CH4%	CO ppm
3PM EDT Seal #1 (compsec)		2.4	0	208
" EDT Handheld		3.6	0	219
3:18pm EDT 2" Borehole		14.9	0	~~48~~ 37

1:40pm EDT Ground Activity - 3 bounces #1 Entry XC 116 & 118
1:15 pm
1:30 pm no injuries

3:18 EDT No. 2 Borehole - 3 compressions ~~[illegible]~~ stuck 9000 CFM injecting air

3:18 EDT No. 3 Borehole - ingassing - Microphone removed
Drill steel ~~being retrieved~~ currently removing

EDT Main Fan Readings — H_2O gage — O_2% — CH_4% — CO ppm
East — None
West — None

2:55pm EDT 38 U.G. Miners 3 MSHA
12:20 pm - Injury - Setting rock props - Cut right hand
Will need stitches
Next Update at 5:30. EDT
pm

8/15/07 5:00 pm UPDATE

Dob Cornett

4:55 pm 136 ft. in by 125 XC
rock props 112' in by 125 XC

4:55 #1 entry at minor
27,540 cfm 20.8% O_2 7 ppm CO 0 CH_4

80' in by XC 120 #1 entry
66780 cfm 20.8% O_2 0 CO 0 CH_4

XC 126 full of rubble

4:48 Drilling
2" Hole 13.5% O_2 45 ppm CO 0 CH_4
#2 - 8" Hole 3 compressors (9000 cfm)
no info from drill site - big rain storm

4:06 #1 80' in by XC 120 59850 cfm
20.8% O_2 0 CO 0 CH_4
#2 2,800 cfm 20.8% O_2 0 CH_4 0 CO
#3 119½ XC 34675 cfm 20.8% O_2 0 CH_4
16 ppm CO
#4 " 34,220 cfm 20.8% O_2
0 CH_4 18 ppm CO

#1 seal - handheld
3.6% O_2 0 CH_4 224 ppm CO
#1 seal conspec
2.3% O_2, 0 CH_4, 208 ppm CO

system down - no info on minors

7:00 pm update

6:58 cleanup 147 ft. inby 125 XC
rock props 115 ft. inby 125

#1 entry at miner
47,160 cfm 20.8% O_2 0 CH_4 4 ppm CO

#1 intake 80' inby 120 XC
74,340 cfm 20.9% O_2 0 CH_4 7 ppm CO

cutting into 126 XC waiting
shelter hole - setting timbers

45 people U/G - 3 MSHA

at Drill Rigs
6:55 2" hole 10.9% O_2 0 CH_4 45 ppm CO
#2 hole - 3 comp running
#3 hole - camera truck at rig
3:50 pulled steel

6:59 pm #1 seal
5.0% O_2 0 CH_4 182 ppm CO HH

7:12 pm 2.5% O_2 0 CH_4 208 ppm CO
conspec

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

set 5 conversion stations in #2
at XC 111, 113, 115, 117, 119
will read daily

in #1 entry – grade 14 stations
mourning stations

7:30 camera headed down hole

9:00 update

8:55 cleanup at 147' mby XC 125
rock props 115' " " "
clearing XC 126 – sitting timbers

Drills
#1 2" 8.9% O_2 0 CH_4 43 ppm CO
#2 8" 3 compressors running
#3 camera & microphone in mine

8:05 camera in hole – full height
unidentified sounds

8:45 #1 on miner
35,525 cfm 20.8% O_2 0 CH_4 3 ppm CO
#1 intake 80' mby XC 120
77,112 cfm 20.9% O_2 0 CH_4 8 ppm CO

#1 SW
3.4% O_2 CH_4 0 184 ppm CO HH
collapse blown

45 and 5 persons in mine (from 7:30 AM)

8:10 small bump OK
8:20 small bump OK

8:10 30 ft. of props knocked out
by SC - XC 120 #1 entry
by Fidor b/cutter

Provided by Don Gibson 8/16/07 update 6AM 703 879-1415

6:05 ~~5:05~~ AM EDT Cleanup progress – ~~32'~~ 42' inby XC126 #1 – check curtain installed XC between mining goods

6:05 ~~5:05~~ EDT Rock prop progress – ~~9'~~ 13' inby XC126

6 AM ~~5:15~~ EDT AIR READINGS

		CFM	O_2%	CH_4%	CO ppm
104' inby XC125	#1 Entry	~~51,315~~ ~~81,270~~ 83,690	20.8	0	0
80' " 120"	#2 Entry (Regulator)	3,597	20.8	0	0
20" 119½ XC	#3 "	43,985	20.8	0	6
6 AM	#4 "	44,820	20.8	0	10
104' inby XC125	AT Miner	51,801	20.8	0	0
	#1 Seal (Conspec)		2.1%	CH_4 0	210 ppm
4:50 AM	Handheld		3.6%	0	209 ppm

Volume of air last couple of readings increased

Ground Activity – Quiet

		O_2%	CH_4%	CO ppm
5:50 AM	7" Borehole (No. 1) –	9%	0	35

8" Borehole (No. 2) – 3 Compressors running injecting

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

MANFAN	H_2O gage"	O_2%	CH_4%	CO ppm
EAST				
WEST				

Miners U.C. 47 3 MSHA
Next update 8:30 AM
Setting props between S. Cars

Info received from Don Gibson 8/16/2007 Thursday 703 879-1415
8:30 AM
Crandall Canyon Info from MEU
Command Center

EDT Clean up progress - 42' entry 126 XC

EDT Rock Prop progress - 13' entry 126 XC - Spot bolting

EDT Air Readings CFM O_2% CH_4% CO ppm
#1 Entry
#2 Entry
#3 Entry
#4 Entry
AT Miner
#1 Seal
Handheld

See Don's email and my 8:30 Am update in log file Book

No. 1 Borehole - 2"

No. 2 Borehole - 8"

No. 3 Borehole - 8" exact location in No. 4 (~~124~~ 147 XC)

Projected Location No. 4 Borehole - 8" projected to intersect mine in XC

Ground Activity -

Main Fan Readings H_2O" O_2% CH_4% CO ppm
EAST Fan
West Fan

Miners UC ____ MSHA ____

Next update 10:30 AM EDT

Provided by Bill Taylor 8/16/07 10:30Am update 703 878-1415

10Am EDT Cleanup progress - 42' inby XC 126

10Am EDT Rock Prop progress - 27' " XC 126

EDT	Air Readings	CFM	O_2%	CH_4%	CO ppm
9:55	#1 Entry	85,600	20.8	0	0
10:13	#2 Entry	654	20.4	0	9
10:10	#3 Entry	51,000	20.8	0	0
11 9½	#4 Entry	48,600	20.8	0	0
10 Am	AT Mixer	48,640	20.8	0	8
10:10	#1 Seal (conspec)		2.0	0	212
	Hand sample		3.4%	0	237

Ground Activity - Quiet

9:45Am No. 1-2" Borehole - 7% O_2 CO 43ppm CH_4 - 0

No 2 8" Borehole - inganing - 3 Comps injecting 9,000CFM

9:15Am
9:30Am No. 3 8" Borehole - O_2 16.7% CO 19ppm CH_4 0
16.8% CO 21 ppm 0

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

Main Fan Readings		O_2%	CH_4%	CO ppm
East	water	6.5 20.9	0	0
West	Water	6.4 20.9	0	0

Miners UG 54 including 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

Provided by Bill Taylor 8/16/07 12:45pm EDT 703 879-1415
update
12:55 pm

12:58 EDT Cleanup progress - 65' entry XC 126
EDT Rock Prop progress - 27' entry XC 126

12 PM EDT Air Readings	CFM	O_2%	CH_4%	CO ppm
#1 Entry	88,830	20.8	0	0
# 2 "	3,187	20.8	0	0
# 3 "	38,950	20.8	0	10
# 4 "	44,756	20.4	0	22
AT Miner	53,430	20.8	0	16
#1 Seal (compac)		2.0%	0	212
Handheld		3.4%	0	220

L19½

Mgg - ingassing w/a .03" water gage

1:05 EDT Ground activity - Bounce in No. 1 at miner
Covered Rt side of miner - Miner ableto tram out & clean up debris
mining again

12:49pm EDT Borehole No. 1 - 2" O_2 7.6% CO 44 ppm CH_4 0
EDT Borehole No. 2 - 8" ingassing - injecting air

12:30pm EDT Borehole No. 3 - 8" O_2 - 17.3% CH_4 - 0 CO - 21 ppm

EDT Borehole No. 4 - 8" - Still Moving and assembling drill equipment

EDT Main Fan Readings
East
West

Miners UG 65 MSHA 7

1 & 3 entry MSHA personnel belt temps

Next update 3:00 pm EDT

Provided by Bill Taylor 8/16/07 3PM EDT update 703 879-1415

2:50pm EDT Cleanup progress - 69' inby XC 126
EDT Rock prop progress - 37' " XC 126

2:58pm EDT Air Readings	CFM	O_2%	CH_4%	CO ppm
#1 Entry	87,576	20.8	0	0
#2 "	3,015	20.8	0	0
2:01pm #3 "	47,025	20.8	0	0
#4 "	49,140	20.8	0	8
AT Miner	49,856	20.8	0	7
#1 Seal (conapco)		1.9%	0	214
Handheld		3.2%	0	228

@2:51 EDT Ground Activity - Rt Rib Sluffing - Bump between XC 116 & 117 in btw No. 1 and 2 entries

2:48	No. 1 - 7" Borehole -	7.7%	0	38 ppm
	No. 2 - 8" Borehole - In gassing - 2 compressors injecting Air			
2pm 2:30pm	No. 3 - 8" Borehole - Started injecting air with 2 compressors	16.2%	0	32
	No. 4 - 8" Borehole - Drill rig set preparing to start drill			

12:10pm Main Fans —	H_2O	O_2	chg	CO
East	5.5"			
West	5.6"	20.9%	0	2 ppm

Mines UG 68 MSHA 7

Next update 5 PM EDT

Gregory B. Meikle HQ Command 3:00 PM
8/16/07

5:03 PM EDT BILL TAYLOR

Drilling Report 4:52 EDT
#1 2" Hole - O_2 - 6.9%
CO - 39 PPM
CH_4 - 0%

#2 8 5/8" Hole
Injecting air w/ two Compressors

#3 8 5/8" Hole
Injecting Air w/ two Compressors

#4 Preparing to drill.

Air Readings 4:47 EDT

#1 (E) Reading at the Continuous Miner @ Tail
50,586 CFM
O_2 - 20.8%
CH_4 - 0%
CO - 7ppm

#1 (E) 80 feet in by xc 120
87,696 CFM
O_2 - 20.8%
CH_4 - 0%
CO - 0% ppm

#1 Seal Hand held Conspec
O_2 - 3.5% O_2 - 1.9%
CH_4 - 0% CO - 214 ppm
CO - 225 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 (2") - 6.6% O_2
   0 CH_4
   [redacted]44 CO

   #2 8⅝" - One Compressor running
   One is down
   MDT PM 6:02 Second compressor running.
   #3 " Two Compressors running

   #4 Hole 55' Deep 4:15 MDT
   95' @ 8:02 PM [redacted]DT 6:15 [redacted]DT
   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% O_2
0 CH_4
[redacted] 12 ppm CO

Gregory B Meikle HQ Command Center
August 16, 2007
7:57 PM up-date continued.

#1 Seal (Handheld)
3.4% O_2
0 CH_4
207 ppm CO

CONSPEC
1.8% O_2
216 ppm CO

Panel 13 xc #107 Seal (Handheld)
O_2 - 19.8% O_2
CO - 8 ppm

5:38 PM MDT
7:38 PM EDT
Clean up #1E 90' Inby 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% O_2
0 - CH_4
0 - CO

Is ground activity? Answer NO.

Bob Cornett - Reported from the MEU at the Crandall Canyon Mine Command Center.

3 Conf. Fatals 8/17/07 703 879-1415

1:25 AM EDT

Gary Jeasen – MSHA Dup

Reported by Dan Freey for Kevin

Called Command Center – 8/17/07 2:50 PM EDT – Possible Broken leg & wrist Castle View in Price with

Reported by Don Gibson (b) (7)(C) – New MSHA Trainee

10 injured – 3 conf fatal – 10th injured individual treated on-site not transported to hospital

Bob Murray – Dismissed his miners

U.G. rescue operation is over

10:25 pm ~~6:25 pm~~ EDT

Drill No. 4 hole – Stopped at 99' changing drill bit

Drilling will Continue

Head of Cont. Miner on outby Corner of XC 127

Props set to tail Miner on both Rt & left side

92' 5' outby XC 126

Q 1620 when they got to miner found 9 miners on left side of Miner – Barrier side

need to get a copy For chart

Pillar blew 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

MSHA Mine Rescue Team member (b) (7)(C) – at XC 114 fell bounce

Blew out Kennedy Stopping at XC 125 & at XC 114

8/17/07
4 AM EDT
update

Don Gibson

4 AM No. 4 hole – 268'

	O_2	Chg	CO ppm
No. 1 – 2"	6.6%	0	34

No. 2 hole – 8" 2 compressors running – hole capped injecting air

No. 3 hole – 8" inguary & 2 compressors running injecting air

	O_2%	CO ppm
3 AM Conspec #1 Seal	3.3	203

Don Gibson 8/17/07 5:30 AM EDT update

5:50 AM no. 4 hole – 343'

	O_2%	Chg %	CO ppm
No. 1 hole – 2"	6.7	0	33

No. 2 hole – 8" – hole capped

No. 3 hole – 8" –

	O_2%	CO ppm
5:15 AM #1 Seal (conspec)	2.9	206

West Fan 3.2" Watergage
East Fan 3.6" Watergage

Sean 1.6 on Richter

Jenson's Watch stopped at 6:46 pm – Age 53

Frank Markosek – Price F.O. Works out
Frank

August 17, 0800... update Don Gibson

7:55AM

7:05 AM No. 4 hole – ~~423~~ 463' – Projecting completion 12

	O_2%	CH_4%	CO ppm
No. 1 hole – 2"	6.4	0	33

No. 2 hole – 8" – ~~Both~~ 2 Compressor

No. 3 hole – 8" ingassing 2 comp

	O_2%	CH_4%	CO ppm
6:55 #1 Seal (comspec)	2.6		208

6 AM West Fan 3.2"
East Fan 3.7"

~~No update on~~ Frank's condition ↔ unchanged

Will

8:10 PM EDT – 42 including 3 MSHA

Bill Denning, Al & Ted Farmer Bill ~~Taylor~~ Owens was Superv. – ~~OZ Work~~ Group

Kevin & Stickler?

Jensen RC Spec
now SI
Dan Vetter – Sup

Does MSHA have a press conf. scheduled for today
Not that he is aware of –

Ted Farmer – Frank's Supervisor's

Aglec F.O. Supervisor

Cord Christandow

Life Flight
as of 4:40AM MT Frank to Castle Valley on to Provo ctr –
Facial fractures surgery scheduled today – Serious conditions

Next update
10:15 AM EDT

8/17/2007

BOB PHILLIPS BRIEFED CHARLIE THOMAS 9:30AM

NEXT UPDATE

REPORT FROM: ~~CHRIS~~ ~~CORD~~ CORD CRISTANDO MEU COMMAND CTR. 10:11

PROJECTED DEPTH #4 HOLE: 1587'

#4 HOLE DOWN: 587'

#2 + #3 HOLE - COMPRESSOR AIR

0800 MT (10 EDT) 2" 6.40% O_2, 0.0% CH_4, 32PPM CO

0803 MT CONSPEC 2.4% O_2, 0.0% CH_4, 210 PPM CO

0803 MT FAN
WEST 3.2"
EAST 3.6"

7:20 MEET WITH GOVERNOR

1PM PRESS

CRANDALL CANYON

8/17/2007 12:00PM UPDATE

(CALLED) CORD CRISTANDO AND) INSTRUCTED HIM TO RE-FAXSIMILE INFO ON INJURED MINERS.

#1 SEAL COMPACT 2.2% OXYGEN, 0.0% METHANE, 210 PPM CARBON MONOXIDE

10:00/12:00 GOT WEST 3.3"
EAST 3.6"

#4 HOLE — 683'

#2 + #3 — COMPRESSED AIR IN

12:00PM #1 #2" HOLE 6.4% OXYGEN, 0.0% METHANE, 31 PPM CO

RECEIVED FAX WITH CONDITIONS OF SIX INJURED MINERS.

8-17-2007 2:00PM UPDATE
(CORD) CRISTANDO

11:30AM/13:30 #1 SEAL 2.2% OXYGEN, 0.0% METHANE, 210 PPM CARBON MON

WEST 3.2"
EAST 3.6"

11:00/ #4 BOREHOLE DOWN — 703 — RAISING NOT MEASURING ON RIG.

#2 + #3 COMPACTED AIR INTO #2+3

#1 2" 6.2% OX 0.0% METHANE 38 PPM CO

8-17-2007 4:00PM UPDATE / 16:00HRS

13:55PM MT
~~13:02MT~~
OR
1:55

#1 SEAL (CONSPEC) 2.2% OXYGEN 0.0% MEOH 21 PPM CO
FAN RDG)
WEST "
EAST "

#4 BOREHOLE DOWN 8 3 "

BOREHOLE #2 + #3 COMPRESSED AIR GOING INTO MINE

#1 BORE 6.2% O_2 / 0.0% CH_4 / 39 PPM CO

DANNY FRY WILL RELIEVE CORD ON AFT SHIFT

4:15 ALLYN DAVIS -
WORKING ON PRELIMINARY ACCIDENT REPORTS.

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

Gregory B. Meikle HQ Command Center
August 17, 2007
6:23 EDT PM

Dan Frey 16:10 MDT 6:10 EDT

Drill Holes #1 O_2 6.4% CH_4 0 CO 33ppm
#2
#3 > Injecting Air w/ Two Compressors

#4 Depth 903 feet XC #142 Targeting #4 Entry

AIR Quality CONSPEC #1 Seal 2.1% O_2 0% CH_4 212 CO ppm

FAN Pressure West 3.3" W.G.
East 3.6" ↓
Main 5.3"

15.00 MDT

Drill Holes #1 O_2 6.4% 0% CH_4 30 ppm CO

#2
#3 > Injecting Air w/ Two Compressors

#4 843 feet in depth

15:09 MDT

Air Quality CONSPEC #1 Seal 2.1% O_2 0% CH_4 210 ppm CO

Fan Pressure West 3.3" W.G.
East 3.6" ↓
Main 5.3"

Gregory B. Meikle HQ Command Center
August 17, 2001
Dan Frey @ 8:111

5:00 PM MDT

Bore Hole #1 6.5% O_2 CH_4 0 CO 31 ppm

#2, #3 > Injecting Air w/ 2 Compressors / Hole

#4 943 Feet Deep : Ave up to this 33 ft/HR

CONSPEC

#1 Seal 2.0% O_2 CH_4 0% CO 212 ppm

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

5:58 MDT

#1 6.6% O_2 CH_4 0% CO 32 ppm

Bore Holes #2, #3 > Injecting Air w/ 2 compressors / Hole.

#4 1013 Feet deep

CONSPEC #1 Seal 2.0% O_2 CH_4 0% CO- 212 ppm

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

Gregory B. Meikle HQ Command Center
August 17, 2007
Duayne Brown called info from
10:05 EDT

Drill Bore Hole #1 O_2 - 6.7%; CH_4 - 0%; CO 37ppm

#2, #3 > 2 compressors / Hole injecting Air

#4 1103 Feet Deep

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

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

9:12 PM EDT

Drill Bore Hole #1 O_2 - 6.7%; CH_4 - 0%; CO - 26ppm
#2, #3 - 2 compressors / Hole injecting Air
#4 - 1063 feet deep.

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

Fan 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 0600)

Drill Bore Holes #1 6.8% O_2 0 CH_4 25 ppm CO
#2 > Compressors (2) injecting air
#3 —
#4 1403 feet deep

Conspec System
#1 Seal 1.5% O_2 0% CH_4 CO 218 ppm

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

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

Don Gibson

Drill Bore Holes #1 6.9 O_2 0 CH_4 28 CO
#2 — Both Compressors Running
#3 —
#4 1483 deep

Conspec System
#1 Seal 1.5 O_2 [redacted] CH_4 218 CO

Fan Pressures: West 3.2" Terry
East 3.6" 703 3144173
Main 5.3" 703 314 4173

Developments: Nothing New to Report
7 to 4" oclock Intruder barrelled through police line. Deputies intercept the guy. He wandered around displeased and needing answers. He was up near the mine entrance and was escorted from the property Police Need comes across.

8-18-07 10:00 AM

Cord Cristando

Drill Bore Holes: #1 7.0 O_2 0 CH_4 28 CO

#2 } Compressor

#3

#4 1538 deep

Conspec System

#1 Seal 1.5 O_2 0 CH_4 218 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 O_2 0 CH_4 28 CO

#2 } compersors going

#3

#4 Holed into at 9:16

No air quality

Banging @ 0937 and 959

Currently lowering the microphone at 954 MDT

Seismic picked

Shots will go off at 11:00

Conspec System:

#1 Seal 1.4 O_2 0 CH_4 220 CO

Fan Pressures: East 3.6

west 3.3

main 5.2

Developments:

Bob

8-18-07 2:00 Pm
Cord Cristando

Drill Boreholes: #1 7.3 O_2 0 CH_4 29 CO
#2 \ blowers online
#3 /
#4 1:15 microphone is down. Light rain prevented setting charges. Steel is being removed when done - Camera will be sent down
Still raining @ 2:03

Conspec System:
#1 Seal 1.4 O_2 0.0 CH_4 220 CO

Fan Pressures: East 3.6
West 3.4
Main 5.4

Developments: Nothing new to report

4:00 pm Update - Brad Serazio

2:15 pm #4 hole shots set off
2:35 more shots no seismic response
3:15 no " response
started pulling steel -

3:15 #1 hole 2" stopped sampling
#2 hole restarted comp
#3 hole "

#1 seal 1.4% O_2 No CH_4 220 ppm CO

Fan west 3.4" East 3.6
Main 5.4"

No developments

8/18/07 6:00pm Update

Dan Frey

3:00 MDT hole # 8.6 % O_2 0 CH_4 CO 27 ppm
#2 2 compressors
#3 2 "
#4 pulling steel

#1 seal 1.4% O_2 0 CH_4 220 ppm CO
Fans W 3.4" E 3.6 Mach 5.3

4:00 #1 8.4% O_2 CH_4 0 22 ppm CO
#2 2 comp
#3 2 comp
#4 still pulling steel

#1 seal 1.3% O_2 0 CH_4 220 ppm CO
Fans W 3.7" E 3.6 M 5.3

8:00pm Update

~~Brad Sw[illegible]~~

7:38 #4 hole steel out of hole, camera going in

conspec #1 seal 1.3% O_2 CH_4 0 220 ppm CO

Fans W 3.4" E 3.6" M 5.4"

7:00pm #1 2" hole 8.9% O_2 0 CH_4 31 ppm CO
#2 & 3 both have 2 compressors
#4 pulling steel

conspec #1 seal 1.3% O_2 CH_4 0 220 ppm CO
Fans W 3.4" E 3.6" M 5.3"

Dewayne Brown

8:00 #1 hole 9.5% O_2 0 CH_4 27 ppm CO
#2 ~~[illegible]~~ 1 compressor running 1 down
#3 2 compressors
#4 putting camera in

10:00 pm Update

Dewayne Brown

10:02 Consper #1 seal O_2 1.2% CH_4 0% CO 220 ppm
Fans W: 3.3" E: 3.6" M: 5.3"

9:15 pm #1 hole No Reading
#2 > no info
#3
#4 camera ~~[illegible]~~ bottom of hole
~~hole out guessing~~
~~11 12% O_2~~ ?

Consper #1 seal O_2 1.2%, CH_4 0, CO 220 ppm

8:20 camera started down hole

8:35 700' down hole

10:35 Spoke w/ Al Davis - sending 2nd camera into hole w/ better light - no info on mine conditions

SHUT DOWN ARLINGTON
Command Center

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

0600 Update
Drill Holes: #1 9.7 O_2 O CH_4 26 CO
#2 \ Compressors Running
#3 –
12:20 #4 Just cleared hole - starting to trip steel
2 hours to complete

Conspec
(0500) #1 Seal 1.3 O_2 O CH_4 220 CO

Fan Pressures East 3.5 West 3.1 Main 5.3

Developments Nothing to report all quiet
Don Gibson

✓ MT
0700 Conspec 1.2% CO 220 O CH_4
West 3.1 E3.6 Main 5.3

705 2" O_2 10.2% CH_4 O CO 23

2 + 3 Compressors running

#4 Still Tripping the steel

0800 update 755 2" 10.1% O_2 CH_4 O CO ~~E~~ 24

2/3 compressors running ingasing

present #4 hole stripping steel an hour to complete
may about 900 to send camera

Conspec #1 O_2 1.2% CO 220
Fan W 3.1 E 3.6 M 5.3

8/19

1000 Cord Cristando

Drill Holes #1 10.1/2 O_2 0 CH_4 26 CO
#2 \
#3 — compressors running
#4 13 5/10 O_2 0.0 CH_4 19 CO
Hole is outgassing and camera is at the bottom.

Conspec
#1 Seal 1.2 O_2 0 CH_4 220 CO

Fans: East 3.6 West 3.2 Main 5.4

Developments.

1200 Drill Holes

	O_2	CH_4	CO
#1	10.7	0	27 ppm
#2 \ #3 —	Compressors Running		
#4	Outgassing	13.3%	0 27ppm
#5	Accessories at #5 pad drill still @ #4		

Conspec
#1 Seal 1.2 0 220 ppm

Fans E 3.5" W 3.3" M 5.3"

Developments: ① on report debriefing with root control specialist

② Haven't heard from

③ projected for x cut ~~#3~~ 133 ~~#4~~ #1 entr

8/19/07

		2:00 PM	% O_2	% CH_4	ppm CO	
Drill Holes	#1					9/16" outgassing positive pressure
	#2	Compressors	"			
	#3					
	#4	13.4		0	27	
Conspec	#1 Sol	1.0		0	220	outgassing 3,257 CFM

Fan Reading: East 3.5 West 3.3 main 5.3

Developments: Camera was not very clear. They are #3 hole as 10:50 mor

Dozers 1:05 EDT prepare to site #5
Relieved by Erik Sherer

4:00 Update

3:20

#1 holes 18.9% O_2 0 CH_4 38 ppm CO
#2 ~~2 comp's running~~ Camera on 60%
#3 " "
#4 outgassing no reading

Conspec #1 Sol O_2 1.0% CH_4 0 CO 220 ppm
FANS: W 3.3" E 3.6" M 5.4"

Pad finished for #5, will start moving

Card Chris Sander

6:00 update

Dan Frey

5:00 conspor #1 0.9% O_2 0 CH_4 220 ppm CO
FANS W 3.3 E 3.5 M 5.3

#1 10.2% O_2 CO 22 ppm 0 CH_4
#2 camera out
#3 2 compressors
#4 13.5% O_2 0 CH_4 27 ppm CO
outgassing

6:00 #1 13.1% O_2 0 CH_4 35 ppm CO
#2 open ingassing
#3 compressors off, sampling
#4 ingassing

rig on pad #5

conspor #1 O_2 0.9% 220 ppm CO 0 CH_4

6:45 pm Dan Frey said that the K order has been modified five times

8:00 Update

Dewayne Brown

7:05 pm Conspec #1 Seal 0.9% O_2 0 CH_4 220 ppm CO
Fans W 3.4" E 3.5" M 5.3"

#1 hole 13.3% O_2 0% CH_4 37 ppm CO
#2 hole open, ingassing, comp off
#3 hole ingassing comp. off
#4 hole ingassing
#5 hole raising mast on rig

7:54 Pumper went U/G, out of mine
7:55 #2 hole started compressors (2)

8:05 #1 Seal 0.8% O_2 0 CH_4 222 ppm CO
Fans: W 3.3" E 3.6" M 5.2"

#1 hole 13.6% O_2 0 CH_4 35 ppm CO
#2 hole - 2 compressors
#3 hole - no info
#4 hole no info

#5 positioning drill
should start at 12:00pm

12:00 pm
Devere Smith

9:50 #1 Seal 0.8 O_2 0% CH_4 222 ppm CO
Fans W 3.2" E 3.6" M 5.3"

#1 Hole 14.0% O_2 0 CH_4 35 ppm CO
#2 Hole 2 comp. running
#3 Hole " " "
#4 Hole Outgassing - no reading
#5 Hole Ray setting up

8:55 #1 Seal 0.8 O_2 0% CH_4 220 ppm CO
Fans W 3.2" E 3.5" M 5.2"

#1 Hole generator down
#2 Hole 2 comp. running
#3 Hole comp. off
#4 No report
#5 setting up

Provided By Carlos Worley 8/20/07 6 AM
update

		O_2%	CH_4%	CO ppm
6 AM EDT	#1 Hole	13.1		31
	#2 "	Compressors Running		
	#3 "	"	"	
	#4 "	15.1 outgas		29
	#5 16" – Down 220'			
EDT	Conspec #1 Seal –	.8 O_2		220

FANS
MAIN - 5.2 EAST - 3.6 WEST - 3.2

Next up date - 8 AM

3039' depth #5 hole expects to intersect Coal seam

Provided by Corbin Mosley 8/20/07 8 AM update 703-879-1415

* See email in email update log *

		O_2%	CH_4%	CO ppm
7:15 EDT	No.1 - 2" hole -			
	No.2 - 8" hole - 2 comp. injecting air			
	No.3 - 8" hole - " " " "			
	No.4 - 8" hole - outgassing			
	No.5 - 8" hole - 355'			
	Roads getting to drill bad	O_2%		CO ppm
7:55 EDT	- Conspec #1 Seal -			

FANS (water gage readings)
MAIN - EAST - WEST -

Next update 10 AM EDT

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provided by ~~Jack Kugler~~ 8/20/07 10 AM update

			O_2%	CH_4	CO ppm
9:51	7:51 MT EDT	No.1 - 2" Hole -	13.2	0.0	42
		No2 - 8" Hole - 2 Compressors injecting air			
		No.3 - 8" Hole - " " "			
		No.4 - 8" Hole - outgassing	14.7	0	37
9:57	7:57 MT	No.5 - 8" Hole - 495'			
9:55	7:55 MT EDT	- Conspec #1 Seal -	1.7%	0	214

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

Next update 12 pm EDT

8/20/07 Joe Zebenko → Cell # (b) (7)(C)
Joe Salkeski →

Panel – 4 Gov. – 3 are not

3 – Concerned if any legal against them personally will MSHA SOL represent them. To What degree will they be legally liable.

Ed Clair handling from SOL office

Provided By Brad Serafin 8/20/07 12pm update

		O_2%	CH_4%	CO ppm
12:00 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 - outgoing	14.7	0	37
11:31	No.5 - 8" Hole - 595'			
11:57 EDT	Conspec #1 Seal	2.0	0	212

EDT - Fans (Watergage readings)
Main - 5.2 East - 3.5 West - 3.2

Next update 2pm EDT

Provided by Brad Serafin 8/20/07 2PM update

		O_2%	CH_4%	CO ppm
1:51pm EDT	No.1 - 2" Hole	13.4	0	44
	No.2 - 8" Hole - 2 Comp injecting Air			
	No.3 - 8" Hole - " " " "			
	No.4 - 8" Hole -	14.6	0	43
1:37pm EDT	No.5 - 8" Hole - 695'			
1:55pm EDT	Conspec #1 Seal	2.2	0	210

1:55pm EDT Fans (watergage readings)
Main - 5.2 East - 3.5 West - 3.4

Next update 4 pm EDT

Provided By Brad Seraya 8/20/07 4PM update

		O_2%	CH_4%	CO ppm
4 PM EDT	No. 1 - 2" Hole -	13.4	0	45
	No. 2 - 8" Hole -	2 Comp. injecting Air		
	No. 3 - 8" Hole -			
	No. 4 - 8" Hole -	14.8	0	47
3:35 EDT	No. 5 - 8" Hole - 775'			
3:55 EDT	Cospec #1 Seal -	2.3	0	208

3:55 EDT - Fans

Main 5.2 East 3.5 West 3.4

Next update 6 PM EDT

6:35 EDT 8/20/07 Readings were called to HQ From MEU@Mine by Charlie Thomas

1~~2~~:55 MDT	#1	NO Readings pump down	750 Comp 60 psi
5:55 EDT	#2 8" Hole	2 compressor	375 Comp 55 psi
	#3 8" Hole		IR - 50 psi
	#4	15.8% O_2 0.05 CH_4	375 Comp 85 psi 29 ppm CO
15:50 MDT 5:50 EDT	COSPEC #1 Seal	1.9% O_2	0% CH_4 212 ppm CO

FAN Pressure	West	3.~~8~~	
	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

Devere Smith @ 8:15 PM EDT 8/20/2007

Greg Meikle took the readings @ HQ

17:35 MDT #1 14.3% O_2 ; 0% CH_4 ; 31 ppm CO.

17:32 Drill Hole #2 2 Compressors 375-80psi 750-70psi

17:47 #3 2 " 375-85psi IR-50psi

17:40 #4 14.8% O_2 ; 0% CH_4 ; 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 Target #1 entry @ #133 XC ≈ 2000+ft.

17:50 MDT CONSPEC #1 Seal 1.5% O_2; 0% CH_4 214 ppm CO

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

Next up date approx 10:15 EDT.

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

Drill Holes MDT 19:40 #1 13.3% – O_2; 0.05% – CH_4; 31ppm – CO bag Sample taken

19:34 MDT #2 Two Compressors injecting Air; 375 - N/Called 750-

19:55 MDT #3 Two Compressors injecting Air; 375 - N/Called IR -

19:45 MDT #4 14.8% – O_2; 0.0% – CH_4; 42ppm - CO outgassing

19:28 MDT #5 955 feet deep target is #1 entry @ #133 XC ≈ 2000+ feet deep. Pulling steel to replace the bit w/ Directional bit.

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

Air Quality 19:50 MDT 9:50 PM EDT ConSpec #1 Seal ; 1.3% – O_2; 0% – CH_4; 214 ppm – CO

Fan	West -	3.2"	W.G
Pressure	East -	3.6"	
	Main -	5.2"	

Provided by Carlos Morley 8/21/07 6AM update

See email in email log Book

		O_2%	CH_4%	CO ppm
EDT – No.1 – 2" Hole		13.2	0	36
No.2 – 8" Hole		2 Comp. injecting air		
No.3 – 8" Hole		"	"	
No.4 – 8" Hole	outgassing	15.3 O_2	0 CH_4	35 ppm
No.5 – 8" Hole	1023'			
EDT – Coanpee No.1 Seal –		1.5% O_2		212 ppm

Fans (Wet gage)
Main 5.1" East 3.5" West 3"

Next update 8AM EDT

Provided by Carlos Morley 8/21/07 8AM update

		O_2%	CH_4%	CO ppm
EDT – No.1 – 2" Hole		13.2	0	37
No.2 – 8" Hole	2 comp injecting air			
No.3 – 8" Hole	"		"	
No.4 – 8" Hole	outgassing	13.7	0	40
No.5 – 8" Hole	1103'			
EDT – Coanpee No.1 Seal –		1.3		214

Fans
Mains – 5.3" East – 3.6" West – 3.1"

Next update 10AM

8/21/07 10 AM update

Provided by Brad Serazio & Kuzar

		O_2%	CH_4%	CO ppm	Bag Sample
9:56 EDT	No.1 - 2" Hole -	13.4	0	44	
	No.2 - 8" Hole - 2 Comp injecting Air - 60 PSI -				
	No.3 - 8" Hole - 1 Comp down - 1 Comp running injecting Air				
	No.4 - 8" Hole -	15.0	0	40	
9:56 Am	No.5 - 8" Hole - 1193'				
9:56 Am EDT	Conspec No.1 Seal -	1.3		214	

Fans -
Main - 5.1" East - 3.6" West - 3.1"

Next update 12 pm EDT

Provided by Brad & Kuzar 8/21/07 12 pm update

		O_2%	CH_4%	CO ppm	Neg read 0.0
12: EDT	No.1 - 2" Hole	13.3	0	49	
	No.2 - 8" " 2 Comp injecting air 60 PSI				
11:05 Am	No.3 - 8" " " " " 1 compressor down				Air reading 94 FPM Outgoing Comp
ingoing ~~10:59~~ Am	No.4 - 8" "	15.1	0	43	
~~11:07~~ pm	No.5 - 8" " 1263'				
11:57 EDT	Conspec No.1 seal	1.2		214	

Fans
Main - 5.2" East - 3.5" West - 3.2"

Next update 2 pm EDT

8/21/07

Brad

No.5 Hole - 1323'

Bag Sample

		O_2%	Chg%	CO ppp
1:52 pm	#1 Hole	13.3	0	50
	#2 " & Comp eye air			
	#3 — cement			
	#4 -			
Compr No.1 Seal		1.2		214

Fan

Main — 5.3" East — 3.4" West — 3.3"

Started building Road to #6 Borehole blocking access to #3 & 4 Boreholes — no reading

Next update 4pm

Gregory B. Meikle HQ Command Center.

Update sent by Brad Serazio 4:01 EDT PM August 21, 2007

Drill Hole 13:50 12:50 #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 camera down

#2 8 5/8" 2 Compressor injecting Air
#3 > Road Construction for #6 Hole is
#4 preventing access

13:50 #5 1383 feet deep.

13:55 #1 CONSPEC Seal
O_2 - 1.0%; CO - 216ppm;

Fan Pressure
West 3.3"
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 Accessable due to road
#4

14:32 MDT #5 1439 feet

CONSPEC #1 Seal 1.0% O_2 ; 216 ppm CO

14:55 MDT
West 3.3"
East 3.5" W.G.
Main 5.2"

Gregory B. Meikle HQ Command Center

Called in by Devere Smith 6:25 PM Aug 21, 2007
MEU at the mine.

#1 No Reading

Dr:ll Holes 15:30 #2 750 - 70 psi 395 at #1 dr:ll hole

#3 2 Compressors injecting air

15:40 #4 15.4% O_2; 0% CH_4; 39ppm - CO
186 FPM Anemometer; bag sample outgass

15:50 #1 Seal CONSPEC O_2 - 0.9%; CH_4 0%; CO 21bppm

Fan Pressure:

West	3.3"	w.g.
East	3.5"	
Main	5.2"	

16:15 #5 dr:ll hole 1495 feet in depth.

Next update is scheduled at 8:00pm.

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 MDT 17:30 #2 Two injecting Air @ Appox 16:40 2nd started again.

#5 1533 feet deep.

#3 } unable to access due to road constru.
#4 } to #6 Hole.

17:50 MDT #1 Seal CONSPEC O_2 - 0.9%; CH_4 - 0%; 21bppm CO

Fan

West	3.3"	w.g.
East	3.5"	
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 MDT

Drill Holes — #1 – Same as last update
19:40 MDT #2 Both compressors injecting air
#3 y Road Construction still blocking access
#4 and Reading were not taken or updates.
19:30 MDT #5 1612 feet depth

#6 – Road Construction.

19:50 MDT #1 Seal CONSPEC O_2 - 0.9% ; CH_4 - 0% ; CO - 216ppm

FAN Pressure

West	3.2"	
East	3.4"	W.G.
Main	5.2"	

Called in by Devere Smith 10:10 PM

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

Next Scheduled update is 6:00 AM EDT

MRO #
(703) 879-1445

08/22/07 6 AM Update

Provided By:

	O_2 %	CH_4 %	CO ppm
EBT No. 1			
" 2			
" 3			
" 4			
" 5			
" 6			

CHECK EMAIL

Comspace #1 Seal

Fans (water gauge)
Main - East - West -

4 more hours on #5 - 1812 ft 220' more to go

12 ft/hr last 4 hours 2,039 ft

10:00 AM

Brad Serazio

#1 Seal

O_2 - 7.1%

CO - 165 ppm

West down

East 0.2"

Main 1.7"

#3 - 2 compressors injecting

#4 O_2 - 15.8%

0% CH_4

39 ppm - CO

#5 2,023 ft

12:00 PM

Brad Serazio

Time of death

→ Kinder - 06:32 8/22/07

→ Black - 06:32 8/23/07

#6 hole

~~xxx~~ 138 E1

~~xxx~~ 138½ E1

Update on drill holes not provided by MSHA staff at drill holes - Command Center will call HQ once they obtain this info

#1 seal O_2 - 6.4%

CO - 163ppm

W fan 2.9"

E fan 3.3"

Main 5.1"

12:45 pm. Brad

[redacted] Serazio

#5 hole

- The drill intersected the mine at a void and then it hit 8 ft of rubble
- All noise sources were silenced
- They tapped on the drill steel and listened w/ the seismic system. (geophones)
- They are reaming out the hole and will lower a camera in the hole
- will take about 3 hrs to get the steel out

1:15 pm Brad Davis

#1 plugged still

#2 2 compressors injecting air.

Road blocked to #3 & #4 holes - smoothing out road for drill

#5 pulling steel

#1 seal O2 - 6.2% 163 ppm - CO

West fan 2.8
East fan 3.4
M fan 5.1

8-22-07 1158 dept pm Brad

1203 pm report

#1 Hole Plugged
2 Hole 2 Compr RUNNING 60psi / 70psi
3 Hole Blocked
4 Hole "
5 Hole Drilling steel

} 24hrs before we can get to hole
Building road to access #6 hole

Fans:

E - 3.4
W - 2.7
MAIN - 5.2

#7 Seal 6.1 O2 CO 165 ppm

8/22/07 — 4:00pm Update

Brad

3:57 Compgas O_2 5.5% CO 177 ppm

Runs W 2.6 E 3.4 M 5.6

4:10 #1 plugged
#2 2 comp
#3 } no readings
#4
#5 pulled 500' (tool)

8/22/07 6:00 Update

Brad

6:00 Compgas #1 seal O_2 4.6% CO 129 ppm
Runs W 3.9 E 3.4 M 5.5

#1 outgassing O_2 3.2% CHyD CO 0 ppm
#2 2 comp, running 50 psi, 70 psi
#3 } no reading
#4 } mod blocked
#5 pulling steel

4:57 #3 2 comp running
#4 15.6% O_2 CHyD CO 3.5 ppm
260 ppm outgassing

#1 bottle sample

Provided by _____ 8/23/07 6AM update EDT

O2% CH4% CO ppm

EDT #1-2" hole-
#2-8" hole-
#3-8" hole
#4-8" hole
#5-8" hole
#6-Hole-

EDT Conveyer No.1 Seal-

EDT Main Fans
Main- East- West-

Next update 8AM EDT

8/23/07

10 Am

Brad

9:45 AM EDT

1 hole - plugged

2 hole - 7 - Comp ..

3 284 FPS

4 15,5% C44-0 CO 40 ppm

5 - plugged with Mud - no Reading

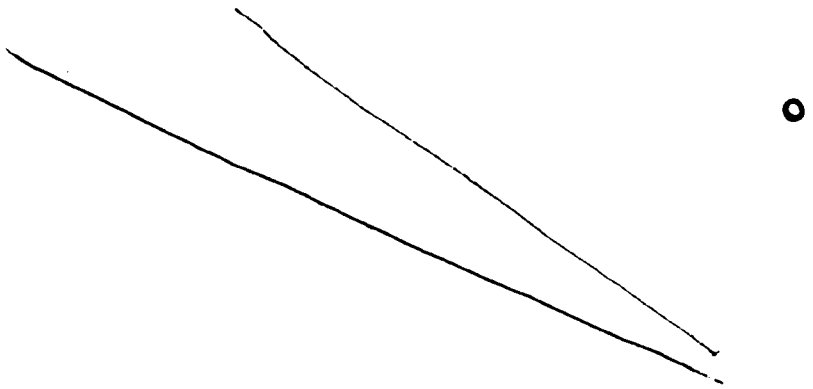
6 - Preparing drill to move

9:55 EDT Conspec #1 1.2% 206 ppm

Fern

Main 5.8 East 3.5 West - 3.8

Next update - 12 pm EDT



9:10 MDT -- Brad Serazio

Drill started moving
to location where #6
hole ~~[illegible]~~ will be drilled

12:00 EDT Brad Serazio

0930
#4 O_2 - 15.6% CH_4 - 0% CO 42 ppm

0950 #2, #3 - 2 compressor in each
#4 - 1 compressor in 4
#5 mud p

drill at #6 pad site
drill ~~[illegible]~~ will intersect mine at
xcut 138.5 in E1

#1 seal 1.2% O_2 205 ppm CO

West 3.8" East 3.4" Main 5.9"

2:00 pm update 8/23/07

Brad

#2 hole 2 comp 60 psi 80 psi
#3 hole " "
#4 hole 1 comp 75 psi
#6 hole drill setting up

consper #1 seal 1.0% O_2 CO 206 ppm
FANS W 3.9" E 3.4" M 5.8"

4:00 pm update

Brad

3:55 #2 comp injecting air
#3
#4
#6 still setting up

#1 seal O_2 3.1 % CO 197 ppm
Fan W 3.9" E 3.5" M 5.7"

#6 hole TD 1763'
44.6 hours 50 hours

Devore

6:00 pm Update

Dugout on fire
evacuating mine - Kuzar; urosik
going price FO
Kravitz getting MEO people

5:36 pm #2 Hole comp (1)

45 #3 " 2 comp

40 #4 1 comp

#6 hole still setting up
will collar

50 #1 seal 18.1 O_2 54 ppm
W 3.8" E 3.4" M 5.7"

Provided by

8/24/07 6 Am update EDT 703-879-1415

EDT	O_2	CH_4	CO ppm
#2 ~~hole~~ 8" hole -			
#3 - 8" hole -			
#4 - 8" hole -			
#5 - 8" hole -			
#6 - 8" hole			
#1 Seal			
Fans			
Main -	East -	West -	

8/24/07

10:45 AM

Jack Kuyan stated that the plan to recover mine equipment from #66 x cut outby was approved by him at about 2:00 pm on 8/23/2007

2:00 pm

1:55 #1 Seal O_2 18.4% CO 34 ppm

Fans W 0.9 E 3.4 M 5.8

Drills #6 503' drill running
#3 holes 2 comps

Clarification of the 8/22/07 map

#1 hole started 8/7 at 2200 (10:00 ~~EDT~~ Denver) Finished at 8/9 at 21:06 PM (9:00 PM)

Reading on 8/10 at 19:00 PM (7:00 PM)
O_2 7.4%, CO 172 ppm

#2 hole (8") started 8/8 at 12:45 PM
finished 8/10 at 00:57. (2:57 EDT)

no reading 8/11 at 11:30 AM not correct
O_2 20.5%, CO ppm

#3 hole started 8/15 at 22:12 (12:12 ~~EDT~~)

Finished 8/15 at 10:11 AM

8/16, 8:45 AM EDT
O_2 16.2%, CO 22 ppm

#4 hole started on 8/16 15:45
3:45 PM

Finished 8/18 9:16 AM

8/19 at 8:00 AM
O_2 13.8%, CO 19 PPM

#5 hole 8/19 started 10:15 AM
Finished 8/22 8:30 AM

12:00pm
Brad Serazio

0955
#1 Seal
O_2 - 18.2%
CO - 36 ppm

Fan
West 3.8"
East 3.5"
Main 5.9"

#6 drill & broken down (cover 1,783)

#2, #3, & #4 hole compressors
~~[illegible]~~
still blowing air
into hole

4:00 EOT PM update (Brad)

1:50 MDT Drill readings

6 drill depth 583 feet

2, 3 & 4 Compressors on running)

2 — 2 comp
3 — 2 " "
4 — 1 comp

1:55 PM

1 Seal

O_2 18.4 %, Co 36 ppm

Fan WFan 3.9, E 3.5, Main 5.8

8/24/07 6:00 update

6:00 ~~Several~~

#1 Seal 18.3% O_2 38 ppm CO
W 3.8" E 3.5" M 5.7"

#2 Hole both comp
#3 hole " "
#4 " 1 comp
#6 743 ft.

10:00 AM 8/25/07

Drill #6 1,446 feet

#2 hole - 2 compressors 60 psi & 80 psi
inj. air

#3 hole - " " "

#4 hole - 1 compressor 75 psi
inj. air

#1 seal (Conspec)
18.4% O_2

42 ppm CO

Fans:
West 3.7"
East 3.6"
Main 5.9"

No one UG at this time

They
Det monitor in 107 xcut to check
for movement

last three days no movement
if no movement today then MSHA will allow
equip to be removed
from xcut 107 outbrg

other equip removed → Joy SC & another PC out

12:00 pm Brad Serazio

11:40 Plan approved to allow to remove equip. from xcut 107 12 sensors

Rock dusted removed

11:55 #2, #3, #4 holes compressors inj. air - no change

#6 1,546 feet

Conspec

O_2 - 18.4%
CO - 42 ppm

Fan

West 3.8"
East 3.4"
Main 5.8"

3 persons UG including 1 MSHA

~~[illegible]~~

AUG 25, 2007

2:00 PM UPDATE

Provided by: Brad Serazio

11:55 am Drill Holes — injecting air

#2 2 Compres. (60 psi & 60 psi)
#3 2 compres. (60 psi & 80 psi)
#4 1 compr. (75 psi)

#6 1623 feet

~~[illegible]~~

12:00 CONSPEC:

O_2 - 18.3%
CO - 34 ppm

FAN:

West - 3.8" WG
East - 3.4" WG
Main - 5.6" WG

3 emplo in mine (1 ~~emp~~ MSAA)

Removed belt drive from Xcut #1 3rd North Main

[signature]

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 ~~apx~~ 100 feet to go.

13:50 CONSPEC

O_2 - 18.1%

CO - 46 PPM

FAN

WEST	- 3.8 " WG
EAST	- 3.5 " WG
MAIN	- 5.9 " WG

* N5 on is mined at this time.

AUG 25, 2007

6:00 PM UPDATE (FINAL FOR DAY)

PROVIDED BY: Devere Smith

DRILL HOLE REPORT

#2 2 comp injecting air 60 ~~p~~ 60 psi
#3 2 comp " " [?] unable to check because of rolling rocks
#4 1 comp injecting space
16:02 #6 Broke through - void detected
~~verifying [illegible] of any voids~~
trying ~~[illegible]~~ verifying how much.
Confirmed "no void" at 6:40 pm EDT.

CONSPEC REPORT

O_2 - 17.9%
CO - 52 ppm

FAN REPORT

West: 2.8"
East: 2.5"
Main: 5.8"

4 people underground (includes IMSHA inspector)

George Murdoch

Sunday August 26 (b) (7)(C)

Barry Grosely

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 332 AM

Conspec Report 17.4 O_2 64 CO 333

Fan Report
3.5 East
3.6 West
5.9 main

Developments
5 UG (1 Inspector)
Got a couple 1 Boom Truck, Welder
miner @ xcut 56

8:00 Barry Grosely
@ 0530 all compressors up & running
still removing drill materials from #6

17.2% O_2 69 ppm CO

W 3.6
E 3.5 "
m 5.8 "

8/26/00
1000

Brad Gerozio

Drill Report

0755
#2 2 Comp In 60/60
#3 2 Comp In 60/80
#4 1 Comp In 80
#6 Drill is standing by by for word on if/where the

Conspec 16.9 % O_2 71 ppm CO

Fan Report
35 E
3.6 W
58 m

(talking about sending Camera back down #4 hole)

Developments

4 vug (1 Insp) Brad

Noon Brad

Drill Report
#2 Compressors running injecting air
#3 " " " "
#4 " " " "
#6 Crew over hole awaiting on decision for 7th hole

Conspec	% O_2	ppm CO
	16.9%	78
Fan Report		
E	3.4	
W	3.8	4 Men underground
m	5.8	1 = MSHA

Developments Going to drop camera down #4 hole
If they feel it is safe, they will drop down robot to explore.

8-26-07

Bradd Seriazio

Drill Report 2:00pm

#2 2 compressor injecting air

#3 " " " "

#4 Turned off compressor & lowering camera

#6 Covered hole - Drill waiting on decision #7

Consper	%O	ppm CO
	18.9%	75 ppm

Fan Report W.G.

E 3.4

W 3.8

M 5.9

Developments: Jack Kusar & Robot specialist is Talking to the families

3 men underground

1 MSHA

Bradd Seriazio

Drill Report 4pm

#2 2 compressors injecting air

#3 Taken it off putting down camera

#4 Cyber out & plugs for Robot

#6 Covered hole & waiting

Consper	%O	ppm CO
	16.7	77

Fan Report

E 3.5

W 3.8

M 5.8

Developments:

#4 hole reading 2:45pm

O_2=19.6% 0.0 CH_4 CO 77ppm

#3 hole reading 3:57pm

O_2=20.8% 0.0 CH_4 CO=0

Management (4) underground 1 MSHA

DeBere Smith
6 pm report

Drill Report: at 15:55 MT tin
#2 2 Compressors running at 60 psi each
3 Ready to lower Robot with Camera
4 No compressor running.
6

#1 Seal
Conspect report: 16.3% O_2 83 ppm CO

Fan Report: W6
E 3.5"
W 3.8"
M 5.8"

Developments
Total Miners vg. 3
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 compressor injecting @ 60psi
- #3 - No compressors running
- #4 - " " " removing robot Cam.
- #5 - Plugged No more readings
- #6 - Covered.
- #7 - under consideration?

Air Quality #1 Seal (CONSPEC)
O_2 - 17.2% ; CH_4 - No report ; CO - 69ppm

Fan Pressure:
West [redacted] 3.7"
East 3.5" W.6.
Main 5.8"

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

NOTES: Eight miners underground removing equipment.
1 inspector MSHA in addition to the 8
- 913 wagner (one of Energy West's loaner@) XC 104 between E#1 & 2 5:35 A.M EDT.
- Continuous Miner Co.# 5054 removed 5:30 AM EDT ±XC #2 is where the machine was waiting for removal.

Weather: Mod. Rain

Gregory B. Meikle HQ Command Center

August 27, 2007 8:30 AM EDT.

Drill Holes

#1 - Plugged No more readings.
#2 - 2 compressors injecting air @ 60psi
#3 - Compressor Not running
#4 - " " " - all removed
#5 - plugged
#6 - Covered
#7 - same

Air Quality #1 Seal (CONSPEC)

O_2 - 16.9% ; CH_4 - Not reported ; CO - 75ppm

Fan Pressure

West 3.7"
East 3.6" W. G.
Main 5.9"

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.

Gregory B. Meikle HQ Command Center
August 27, 2007 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 Seal (CONSPEC)
O_2 - 16.7% ; CH_4 - ; CO - 79ppm

Fan Pressure

West	3.7"	
East	3.6"	W.G.
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 12:00 am EDT.

Gregory B. Meikle and Marcus Smith HQ Command Center

August 27, 2007 12:00 am EDT

Drill Holes

#1 - Same
#2 - 2 Compressors - Injecting air
#3 - SAME
#4 -
#5 - Plugged
#6 - 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)
O_2 - 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 come out leaving 4 miners U.G 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 2:00 pm EDT.

8/27/07

2:00pm EDT

Conspec

#1 seal

O_2 16.8%

CO 79 ppm

Fan

West 3.6"

East 3.6"

Main 5.9"

12 including 1 MSHA

Robot will go down #3 hole when camera is repaired

#7 drill hole - pad nearing completion

4:00 pm EDT

#1 seal

O_2 16.9%

CO 77 ppm

Fan

West 3.6"

East 3.6"

Main 6.0"

UG – 10 miners (including 1 MSHA)

#3 5th trailer brought out (top item on list)

Heavy Rain is hindering progress - making substantial amount of mud

6:00 pm EDT

Devere
Smith

#1 seal
O_2 16.7%
CO 81 ppm

Fan
West 3.7"
East 3.5"
Main 5.9"

UG:
2 miners (including 1 MSHA)
#1 - plugged
#2 - no change
#3 - robot being readied
#4 - no change
#5 - plugged
#6 - covered
#7 - no change

6:00 AM EDT
8/28/ 7
ss
Bloomer

#1 Seal
O_2 - 18.1%
CO - 58 ppm

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

6:00 EDT drilling started

#2 hole - 2 compressors injecting air
#3 hole - inaccessible due to
#4 hole - muddy conditions
#1 #5 #6 - no change

#7 - 15 to 20 ft deep
Depth of cover 1,870 feet
No one UG at this time

8:00 AM 6/28/07
Russell
Bloomer

#1 Dead
O_2 - 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 UG (including MSHA inspector)

10:00 AM Brad Jernigan

#1 seal

O_2 - 18.3%

CO - 54 ppm

East

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 Derazio
8/28/07

#1 CONSPEC
Seal
O_2 - 18.5%
CO - 50 ppm

Fan
West 3.7"
East 3.6"
Main 6.0"

14 mines UG - 1 MSHA including

Hole Update
#2 same
#3 & #4 same [redacted]

#7 hole is 172 feet deep

Gregory B. Meikle. HQ Command Center
August 28, 2007 2:00 p.m EDT

Air Quality 11:50 A.M MDT / 1:50 p.m EDT. #1 Seal (CONSPEC) O_2 - 18.6%; CO - 50ppm; CH_4 - NOT Reported

Fan Pressures

West - 3.8"
East - 3.6" W.G.
Main - 6.0"

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

Drill Holes #2 2 compressor injecting
#3 > Idle
#4

11:55 A.M MDT / 1:55pm EDT. #7 - Pulling out last of drill steel for directional 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.

Gregory B. Meikle HQ Command Center
August 28, 2007 4:00 PM EDT.

Air Quality #1 Seal (CONSPEC)
13:50 MDT pm O_2 - 18.8% ; CO - 50ppm ; CH_4 - N.D.

Fan Pressures
West - 3.8"
East - 3.7" W.G.
Main - 6.1"

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

12:57 PM MDT before Compressor
CO 50ppm
O_2 15.2%
0% CH_4

NOTES: The following Equip. has been removed From the mine
1) A trailer 2) Mini Trac battery Charger 10:55 A.M MDT
1) Battery operated scoop. 8:35 AM MDT

14 miners U.G. which include 1 MSHA ispector.

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.

Gregory B. Meikle HQ Command Center
August 28, 2007

Air Quality

#1 Seal (CONSPEC)
O_2 - 18.6% ; CO - 50ppm ; CH_4 -

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 Devere Smith at the MEL 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
O_2 - 18.9%
CO - 46 ppm

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

No one UG

#2 - same
#3 & #4 - not accessible
#5 & #6 - no change
#7 - 883 feet deep

8/29/07

8:00 AM

Russell Bloomer

#1 seal
O_2 - 18.9%
CO - 48 ppm

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

#2 - same

#3 & #4 - same

#7 - 7:45 AM stopped - waiting for water truck
963 feet deep

10 miners UG including 1 MSHA inspector

8/29/07

10:00 AM — Tain Curtis

CONSPEC

#1 seal

O_2 - 18.9%

CO - 48 ppm

Fan

West 3.4"

East 3.6"

Main 5.9"

Drill

#2 - no change

#3 & #4 - no change

#7 — 8:42 EDT started

1,023 feet

11 miners UG including MSHA inspector

Gregory B. Meikle HQ Command Center
August 29, 2007 12:00 p.m EDT

Air Quality

#1 Seal (CONSPEC) 11:00 EDT a.m
O_2 - 18.9% ; CO - 46ppm ; CH_4 - Not Reported

12:00 am O_2 - 19.0% ; CO - 46ppm ;

Fan Pressures

West – 3.5"
East – 3.7" 3.6" 12:00 W.G.
Main – 6.0"

Drill Holes

#2 > 2 Compressors injecting @ 60psi
#3 > Compressors out of fuel - muddy
#4 > roads and problem with fuel pump.

10:45am EDT #7 – 1063' feet deep

11:55am #3 ; 4 Fuel truck going down hill to them

11:40 am #7 1103 feet deep.

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

11:00 am EDT 9 " plus one MSHA

12:00 Noon 11:35 am EDT 10 miners plus " "

This update was provided by Tain Curtis at the MEII at the Crandall Canyon Mine.

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

Gregory B Meikle HQ Command Cent
August 29, 2007 2:00 pm

Air Quality — 2:00 pm
O_2 - 19.3% CO - 44 ppm
#1 Seal (CONSPEC) 12:55 pm
O_2 - 19.0% ; CO - 44 ppm ; 14 - Not Rpt.

12:05 pm
O_2 - 19.0% ; CO - 46 ppm 2:00 pm

Fan Pressures
West - 3.6" 3.7"
East - 3.6" 3.6"
Main - 6.3" 6.2"

1:15 pm - 12:55
(b) (7)(C) underground foreman Reported.
Equipment in the main intake restr. air flow

Drill Holes
2:00 pm #2 - 2 Compressor injection @ 60 psi
1:00 pm #3 - 1 " " @ 90 psi
12:20 pm #4 - 1 " " @ 75 psi

#7 - 1163' feet deep (dr Lepth)
1203' @ 1:44 pm. ED

Lane Adair, Wendell Christensen exa ing CONSPEC will save all info on c plete system not sure how far back.

NOTES:

EDT			TOTAL
12:40 pm	11 miners and 1 insp t	MSHA	12
2:05	6 miners	—	6
1:05 pm	12 miners and 1 insp		13
1:35 pm	10 " 1 ins		11

This update was provided by Tai urtis at the MEC at the Crandall Canyon M n

The next scheduled @ 4:00 pm F IT.

Gregory B. Meikle HQ Command Center
August 29, 2007 4:00 pm EDT.

Air Quality — #1 Seal (Conspect) O_2 - 19.0% CO - 44 ppm

		3:00 pm EDT		4:00 p.m.
Fan Pressure	West -	7.6"		3.5"
	East -	3.6"	W.G.	3.6"
	Main -	6.2"		6.2"

Drill Holes — 3:00 pm EDT — 4:00 pm.

#2 - 2 Compressors injecting air
#3 } No Access working on Rodd 1 com
#4

#7 1243' in depth 3:00 pm EDT
1283' @ 4:00 pm

NOTES: 4:05 p.m. EDT.

~~14~~ miners ~~in the~~ plus 1 inspector

This update was provided by Tain Curtis at the MEH at the Crandall Canyon Mine

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

Gregory B. Meikle HQ Command Center
August 29, 2007 6:00 pm EDT

Air Quality

#1 Seal (CONSPEC)
O_2 - 18.9% ; CO - 48 ppm

XC #90 intake 20.4% O_2 ; Return ~~3.4% O_2~~ 2.4 ppm CO

Fan Pressure

West - 3.6"
East - 3.7"
Main - 6.3"
W.G.

Drill Holes

#2 - 2 compressor injecting air @ 60psi
#3 - 1 " " " @ 80psi
#4 - Compressor off - outgassing
17.3% O_2 ; 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 AM Eastern Daylight time
0600 hrs

Air Quality #1 Seal (conspec)
O_2 - 15.6 % ; CO - 56 ppm

#90 xc intake 20.4% O_2 ; Return CO 3.0 ppm

Fan Pressure WG
West - 3.5
East - 3.8
Main - 6.2

Drill Holes
#2 2 Compressors injecting @ 60 psi
#3 No report on was Compressor at hole
#4 " " "

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

Notes 7 Miners underground MSHA = 0

This update provided by Russ Bloomer

Update.
#7 drill penetrated the mine at 6:15 am
≈ 2 to 3' opening.

Casey Sears HQ Command Center
Aug 30, 2007 8:00 am EDT
Provided by Russ Bloomer

Air Quality #1 Seal (conspec)
O_2 - 18.5% ; CO 58 ppm

#90 XC intake 20.4% O_2 Return CO 2.2 ppm

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

4:30 MT tim

Drill Holes
#2 shut down compressors ≈4:30 MT tim
#3 " " " "
#4 " " " "

#7 Shut rig down & started signaling
No return signals & No response on geophon

Notes 7 Miners underground MSHA 1
= Total = 8

This update provided by Russ Bloomer

Restarted air compressors 5:15 MT tim.
#7 hole ready to pull drill steel
Depth of hole estimate 1873 Feet

Drill 6:00 EDT
#2 air compressor injecting @ 60 psi
3 1 gin " " @ 80 psi
4 1 " " " @ 75 psi

Casey Sears HQ Command Center
Aug 30, 2007 10:00 am EDT
Provided by ~~Tain Curtis~~
Bill Taylor

Air Quality #1 Seal (conspec) 7:30 AM

O_2 = 18.5% CO 60 ppm

#90 CX intake 20.4% O_2 Return CO = 2.2 ppm

Fan Pressure
West 3.5
East 3.8
Main 5.9

Drill Holes
#2 2 compressors injecting air
3 1 " " "
4 1 " " "

7 Pulling steel from hole.

Notes: 9 Miners underground + 1 MSHA: 10
Anticipate drill steel out at ≈ 12:00 EDT

Casey Sears HQ Command Center
Aug 30 2007 12:00 pm EDT
Provided by Pain Curtis

Air Quality #1 Seal (conspec)

O_2 = 18.4 % CO 62 ppm

#9 0 CX ~~intake~~ #4 Return 20.4% O_2 Return 2.6 ppm CO

Fan Pressure West 3.6
East 3.8
Main 6.3

Drill Holes #2 No change all compressors running
3 " "
4 " "

#7 At 9am MT time still pulling drill steel
at 12pm Eastern Steel out of hole
Camera Truck in place.

Notes: 11 Miners underground + 1 MSHA
= 12 Total

Report on Void #7 hole = 27 feet void.
Drilled 7' of rubble.
& Drilled 6 inches into floor.

Height of the entry 9.7 feet
Orig height was 7.7 feet

Gregory B. Meikle HQ Command Center

August 30, 2007 2:00 p.m EDT.

This update was provided by Tain Curtis from the MEH at the Crandall Canyon Mine Command Center.

Drill Holes

#3 } NOT Reported.
#4 }

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

1:25pm 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.

1:50pm EDT - Hole was filling with water at a rate of 1 foot every 3 minutes.

2:00 pm EDT - Decision was made to lower the Camera into #2 drill hole

Air Quality

#1 Seal (CONPEC) 1:55 pm EDT

O_2 - 18.4% CO - 64 ppm
XC#90 in Return O_2 - 20.4% CO - 3.2 ppm

Fan Pressures

West	3.7"	W.G.
East	3.7"	
Main.	6.3"	

NOTE: 11 miners plus 4 MSHA personnel underground 15 total.

Next scheduled update is at 4:00 pm EDT.

Gregory B. Meikle HQ Command Center
August 30, 2007 4:00p.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 - 1 compressor injecting air

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

Air Quality

#1 Seal (CONSPEC)
O_2 - 17.9% ; CO - 76 ppm

X-cut #9 in #4 entry (Return)
O_2 - 20.4% ; CO - 2.6 ppm

Fan Pressure

West	~	3.7"	
East	-	3.7"	W.G.
Main	-	6.1"	

NOTES: 8 miners plus one (1) inspector MSHA underground TOTAL 9 underground

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

The next scheduled update is at 6:00 p.m. EDT.

Gregory B. Meikle HQ Command Center
August 30, 2007 6:00 p.m. EDT

Drill Holes
5:50 p.m EDT #2 - 2 Comp injecting @ 60psi
#3 - 1 Compressor " " @ 80psi
#4 - Camera is down the hole and the Crew is evaluating whether the Robot can be entered through the #4 hole.
6:05 pm: Robot will be sent down.
#7 - Removing drilling equipment.

Air Quality
#1 Seal (CONSPEC). 5:50 EDT p.m.
O_2 - 17.3% ; CO - 87 ppm

XC #90 in #4 Entry (Return)
O_2 - 20.4% ; CO - 3.0 ppm

Fan Pressure
West - 3.7"
East - 3.7" W.G.
Main - 6.2"

NOTES: 5 miners underground ... 5 TOTAL

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

The next scheduled update is at 6:30 am EDT.
August 31, 2007.

Monty, Cristo

Gregory B. Meikle HQ Command Center

August 31, 2007 6:00 am

Drill Holes

6:11 EDT #2 - 2 compressors 60 psi

#3 - 2 compressors injecting air 80 psi 60 psi

#4 - 1 Compressors " 75 psi

#7 - No Report

Air Quality

#1 Seal (CONSPEC)

O_2 - 16.2% ; CO - 113 ppm

XC #90 in #4 Entry (Return)

O_2 - 20.4% ; CO - 3.2 ppm

Fan Pressure

WEST - 3.5"

EAST - 3.7" W.G.

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