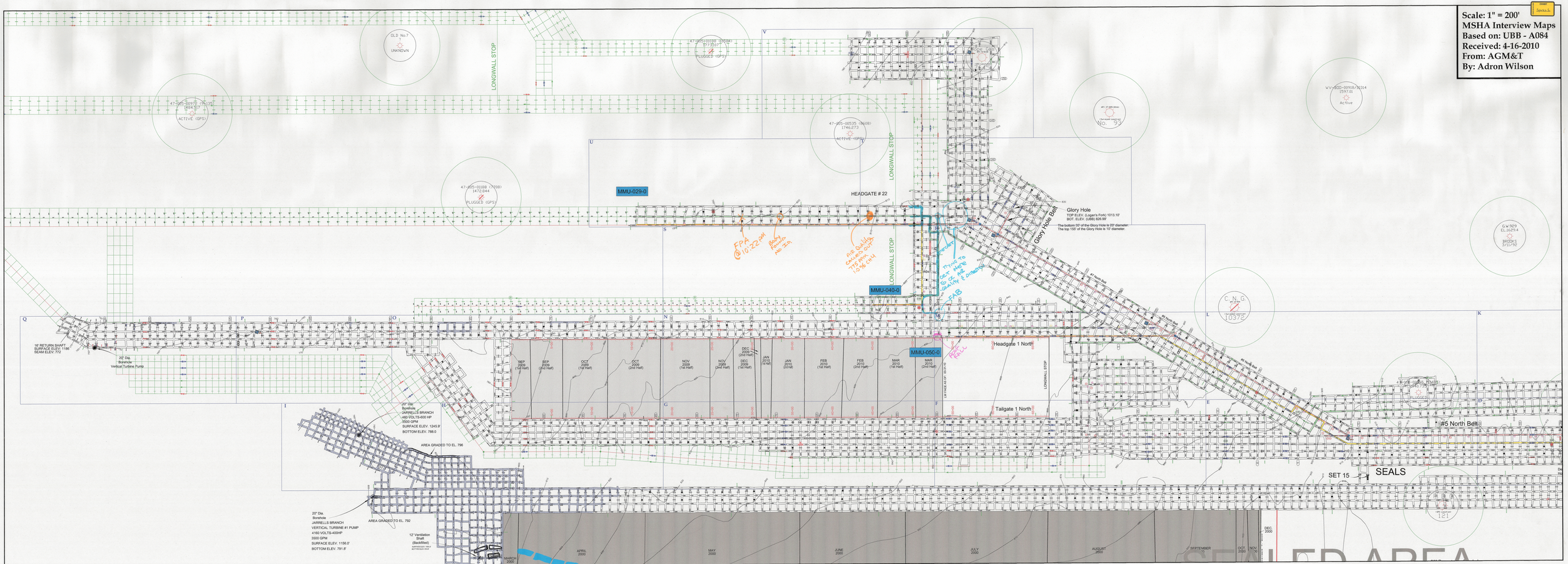

EXHIBIT
Sparks 1
PENGAD 800-631-6989

Scale: 1" = 200'
MSHA Interview Maps
Based on: UBB - A084
Received: 4-16-2010
From: AGM&T
By: Adron Wilson

OLD No.7
?
UNKNOWN
47-005-00972 (9-135)
1484.517
ACTIVE (GPS)
LONGWALL STOP
47-005-01038 (11584)
1773.107
PLUGGED (GPS)
47-005-01188 (7708)
1472.844
PLUGGED (GPS)
47-005-00535 (8608)
1746.273
ACTIVE (GPS)
API 47-005-00161
(Surveyed Location)
No. 93
WV-B00-00918/10314
1597.01
Active
G.W.929
EL.1629.4
BROOKS
3/11/92
C.N.G.
API 5-934
(Surveyed Location)
10372
V
U
S
MMU-029-0
HEADGATE # 22
FPA @ 10:22 PM
BODY FOUND NO I.D.
AIR QUALITY CALLED OUT 775 PPM 1.0% CH4
LONGWALL STOP
Overcast
TRYING TO GET HERE TO CK AIR QUALITY & DIRECTION
FAB
MMU-040-0
MMU-050-0
ROOF FALL
Glory Hole
TOP ELEV. (Logan's Fork) 1013.10'
BOT. ELEV. (UBB) 826.99'
The bottom 35' of the Glory Hole is 20' diameter.
The top 155' of the Glory Hole is 10' diameter.
Glory Hole Belt
#7 North Belt
#6 North Belt
Headgate 1 North
Tailgate 1 North
LONGWALL STOP
#5 North Belt
SET 15
SEALS
Q
P
O
N
M
L
K
I
H
G
F
E
D
16' RETURN SHAFT
SURFACE ELEV: 1186
SEAM ELEV: 772
20" Dia.
Borehole
Vertical Turbine Pump
SEP 2009 (1st Half)
SEP 2009 (2nd Half)
OCT 2009 (1st Half)
OCT 2009 (2nd Half)
NOV 2009 (1st Half)
NOV 2009 (2nd Half)
DEC 2009 (1st Half)
DEC 2009 (2nd Half)
JAN 2010 (1st Half)
JAN 2010 (2nd Half)
FEB 2010 (1st Half)
FEB 2010 (2nd Half)
MAR 2010 (1st Half)
MAR 2010 (2nd Half)
20" Dia.
Borehole
JARRELLS BRANCH
460 VOLTS-600 HP
3500 GPM
SURFACE ELEV. 1245.9'
BOTTOM ELEV. 788.0
AREA GRADED TO EL. 796
20" Dia.
Borehole
JARRELLS BRANCH
VERTICAL TURBINE #1 PUMP
4160 VOLTS-400HP
3500 GPM
SURFACE ELEV. 1156.0'
BOTTOM ELEV. 791.8'
AREA GRADED TO EL. 792
12' Ventilation
Shaft
(Backfilled)
SURFACE ELEV. 1053.2'
BOTTOM ELEV. 814.6'
MARCH 2000
APRIL 2000
MAY 2000
JUNE 2000
JULY 2000
AUGUST 2000
SEPTEMBER 2000
OCT 2000
NOV 2000
DEC 2000
SEALED AREA