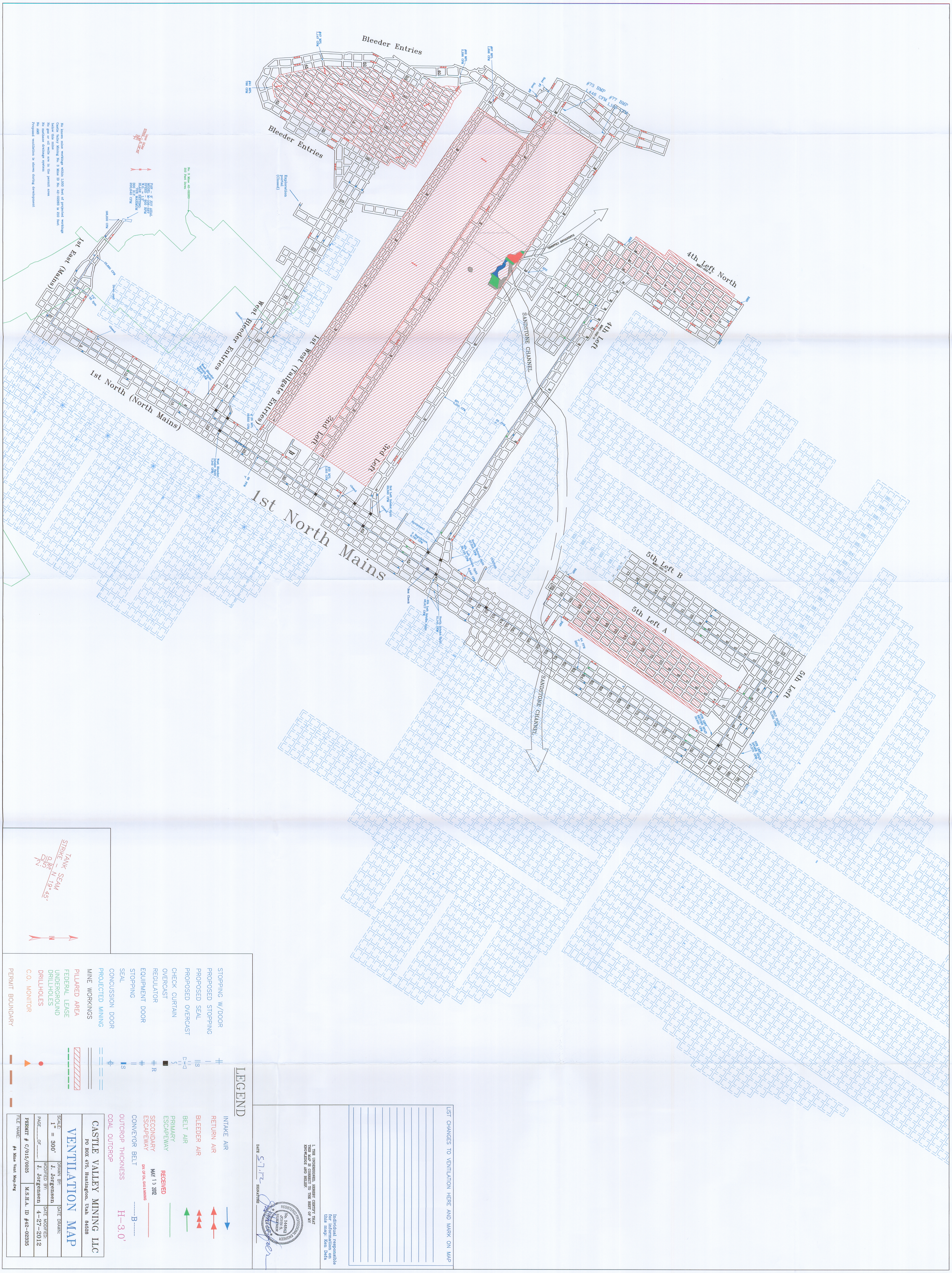
Bleeder Entries
Bleeder Entries
#47 MPL 1,147 CFM
#41 MPL 766 CFM
#62 MPL 2,298 CFM
#67 MPL 1,698 CFM
Seal #1
Seal #2
#73 BMP 1,446 CFM
#77 BMP 1,106 CFM
No known mine workings within 1,000 feet of projected workings
Castle Valley Mining No. 3 Mine ID No. 42-02263 is 210 feet below this mine
No gas or oil wells are in the permit area
No methane drainage system
No AMS
Proposed ventilation is shown during development
TANK SEAM
STRIKE – N 19° 45'
DIP 2.5%
No. 3 Mine 42-02263
210 Feet Down
FAN – 9' JOY AXIAL
MODEL M-108-58V
SPEED 1,800 RPM
W.G. = 1.3"
BLADE SETTING: 70% MAXIMUM
300 H.P.
200,640 CFM
196,200 CFM
Exploration portal (Closed)
1st East (Mains)
25,680 CFM
Down cast
7'5" 55 fpm
closed
West Bleeder Entries
West Bleeder Return Split 9,546 CFM
1st West (Tailgate Entries)
1st North (North Mains)
#25 MPL 19,622 CFM
West Bleeder Intake Split 7,342 CFM
66 FPM
#33 MPL 2,353 CFM
2nd Left
3rd Left
EP1 4,200 CFM
EP2
55 FPM
SANDSTONE CHANNEL
4th Left North
MMU-002-0
BMP
4th Left
1st North Mains
closed
3rd Left Intake Split 29,593 CFM
Equipment Doors
3 Regulators 9,792 CFM
North Return Split 37,516 CFM
4th Left Return Split 36,125 CFM
9,640 CFM
CURTAIN
Box Check
4th Left Intake Split 46,917 CFM
North Intake Split 51,145 CFM
5th Left B
MMU-001-0
5th Left A
64 FPM
BELT
5TH LEFT RETURN SPLIT 39,650 CFM
5TH LEFT INTAKE SPLIT 47,270 CFM
BELT SPLIT 11,260 CFM
5th Left
LEGEND
STOPPING W/DOOR
PROPOSED STOPPING
PROPOSED SEAL
PROPOSED OVERCAST
CHECK CURTAIN
OVERCAST
REGULATOR
EQUIPMENT DOOR
STOPPING
SEAL
CONCUSSION DOOR
PROJECTED MINING
MINE WORKINGS
PILLARED AREA
FEDERAL LEASE
UNDERGROUND DRILLHOLES
DRILLHOLES
C.O. MONITOR
PERMIT BOUNDARY
INTAKE AIR
RETURN AIR
BLEEDER AIR
BELT AIR
PRIMARY ESCAPEWAY
SECONDARY ESCAPEWAY
CONVEYOR BELT
OUTCROP THICKNESS
COAL OUTCROP
H-3.0'
RECEIVED
MAY 15 2012
DIV. OF OIL, GAS & MINING
CASTLE VALLEY MINING LLC
PO BOX 475, Huntington, Utah 84528
VENTILATION MAP
SCALE: 1" = 300'
DRAWN BY: J. Jorgensen
DATE DRAWN:
PAGE ___ OF ___
MODIFIED BY: J. Jorgensen
DATE MODIFIED: 4-27-2012
PERMIT # C/015/0025
M.S.H.A. ID #42-02335
FILE NAME: #4 Mine Vent Map.dwg
LIST CHANGES TO VENTILATION HERE AND MARK ON MAP
Individual responsible for information on this map: Ken Defa
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
REGISTERED PROFESSIONAL ENGINEER No. 144842 JOHN S. HUEFNER STATE OF UTAH
DATE 5.7.12
SIGNATURE
File in:
Confidential
Shelf
Expandable
Date Folder 05152012 C/0150025
Incoming