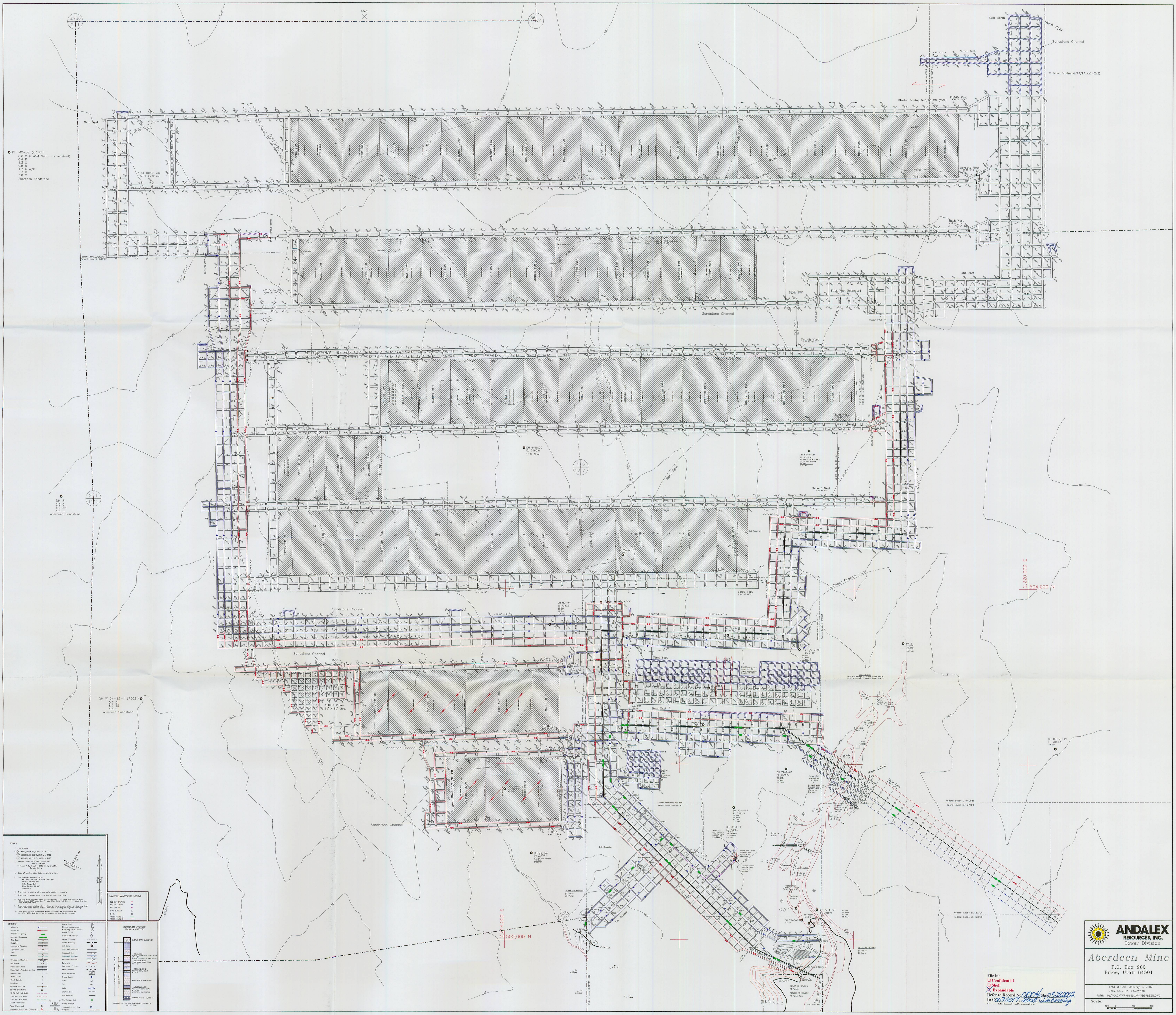

Main North
Rock Spar
Sandstone Channel
Ninth West
Finished Mining 4/25/98 AM (CM2)
Started Mining 5/8/98 PM (CM2)
Eighth West
Main West
STEEP ROLL
Floor Coal
Floor Parting (7' Coal Above Part)
471.5' Barrier Pillar (491.5' CL TO CL)
DH MC-32 (6316')
8.6 C (0.45% Sulfur as received)
0.4 R
1.3 C
0.5 R
1.7 C w/B
2.3 R
3.8 C
Aberdeen Sandstone
Seventh West
Sixth West
ROCK SPLIT
450 Barrier Pillar (470 CL TO CL)
Roof fall 8/11/97
Federal Lease U-66060
Federal Lease U-69600
Fifth West
Fifth West Relocated
2nd East
Fourth West
Third West
Second West
First West
Main North
DH 6-NACC
EL 7460.0
13.0' Coal
DH 89-1-CP
EL 8306.6
DH 8
2.6 C
5.0 SH
4.6 C
Aberdeen Sandstone
Bone Split
Rock Split
Sandstone Channel Scour
Belt Regulator
DH MC-191
EL 7282.91
Second East
First East
Main East
A Gate
B Gate
C Gate
D Gate
A Gate Pillars 80' X 80' Ctrs.
Longwall Start 10/12/00 PM
DH 7-NACC
EL 7182.0
DH W 94-12-1 (7302')
5.7 C
8.2 SS
4.5 C
Aberdeen Sandstone
Low Coal
DH MC-193
EL 7131.94
DH 77-3-CP
EL 7460.1
DH 2
DH 77-1-CP
EL 7482.5
DH 89-3-PIN
EL 7204.7
DH 77-2-CP
EL 7509.5
DH 89-2-PIN
EL 7014.4
DH 77-4-CP
DH 77-5-CP
EL 7085.0
DH 77-6-CP
SUMP
Fan Access
Outcrop
High Sulfur
Apex Fan
Apex Portal
Apex Mine Office
Apex Stockpile
Sampling Bldg.
Truck Loadout
Material Storage
Shop and Warehouse
Fuel Storage
Mine Office
Warehouse
Pinnacle Portal
Pinnacle Stockpile
Pinnacle Fan
Substation
Bathhouses
Sediment Pond A
Sediment Pond B
Sediment Pond C
Truck Loadout Area
Federal Lease U-010581
Federal Lease SL-27304
Federal Lease SL-63058
Andalex Resources, Inc. Fee
Federal Lease SL-027304
INTAKE AIR READING
RETURN AIR READING
2,214,000 E
500,000 N
2,220,000 E
504,000 N
NOTES:
1. Last Update: ______
2. (A) N501,430.28 E2,217,423.81, el 7239
(B) N500,563.95 E2,217,535.74, el 7152
(C) N500,435.03 E2,217,165.37, el 7173
3. Federal Lease: U-010581, SL-027304 and SL-063058
Sections: 7, 8, 6 and 5; T13S, R11E, S.L.B&M.
Carbon County
Utah
4. Basis of bearing: Utah State coordinate system.
5. Fan: Spendrup vaneaxial 200 hp.
480 Volts, 60 Hertz, 3 Phase, 1180 rpm
Volume: 250,000 cfm
Water Gauge: 2.8"
Blade Setting: 35°-55°
Diameter 8'
6. There are no existing oil or gas wells located on property.
7. There are no known water pools located above the mine.
8. Aberdeen Mine Aberdeen Seam is approximately 220' below the Pinnacle Mine Gilson Seam, 330' below the Pinnacle Mine Centennial Seam, 410' below the Apex Mine Sunnyside Seam.
9. There are known existing mine workings on mine property shown on this map that are in the same coalbed within 1000 feet of existing or projected workings.
10. This map contains information shown to satisfy the requirements of 30 CFR 75.371 that is subject to approval by the district manager.
CONSPEC MONITORING LEGEND
RED CUT STATION
CO/NO SENSOR
CH4 SENSOR
BLUE BARRIER
B-25
TRUNK CABLE A
TRUNK CABLE B
LEGEND:
Intake Air
Return Air
Primary Escapeway
Alternate Escapeway
Fire Door
Stopping
Stopping w/Mandoor
Equipment Doors
Seal
Overcast
Overcast w/Mandoor
Box Check
Block Wall w/Hole
Block Wall w/Mandoor & Hole
Brattice Line
Travel Curtain
Check Curtain
Regulator
Beltdrive and Line
Electric Transformer
12470 Volt 4/0 Cable
7200 Volt 2/0 Cable
7200 Volt 4/0 Cable
L-Volt Power Line
Power Disconnect
Permissible Pump Sys. Disconnect
Check Point
Bleeder Measurement
Measuring Point Location
Check Survey
Permanent Baseline
Lease Boundary
Outer Boundary
Drill Hole
Proposed Stoppings
Proposed Seal
Proposed Regulator
Proposed Overcast
Burn Line
Overburden Contour
Seam Outcrop
Pillar Extraction
Trickle Duster
Pump
Fan
Water
Brattice Line
Pipe Overcast
Belt Storage Unit
Battery Charger
Permissible Pump Box
Pumpline
CENTENNIAL PROJECT
DEADMAN CANYON
CASTLE GATE SANDSTONE
APEX MINE
LOWER SUNNYSIDE COAL SEAM
LOWER SUNNYSIDE SANDSTONE
PINNACLE MINE
CENTENNIAL COAL SEAM
PINNACLE MINE
GILSON COAL SEAM
KENILWORTH SANDSTONE
ABERDEEN MINE
ABERDEEN COAL SEAM
ABERDEEN SANDSTONE
MANCOS SHALE 3,000 FT
BLACKHAWK FORMATION
GENERALIZED SECTION, BLACKHAWK FORMATION NOT TO SCALE
OUTCROP
ANDALEX RESOURCES, INC.
Tower Division
Aberdeen Mine
P.O. Box 902
Price, Utah 84501
LAST UPDATE: January 1, 2002
MSHA Mine I.D. 42-02028
PATH: H:/ACAD/TWR/MINEMAP/ABERDEEN.DWG
Scale:
File in:
Confidential
Shelf
Expandable
Refer to Record No. 0004 Date 03282002
In C/007/0019, 2002 Incoming