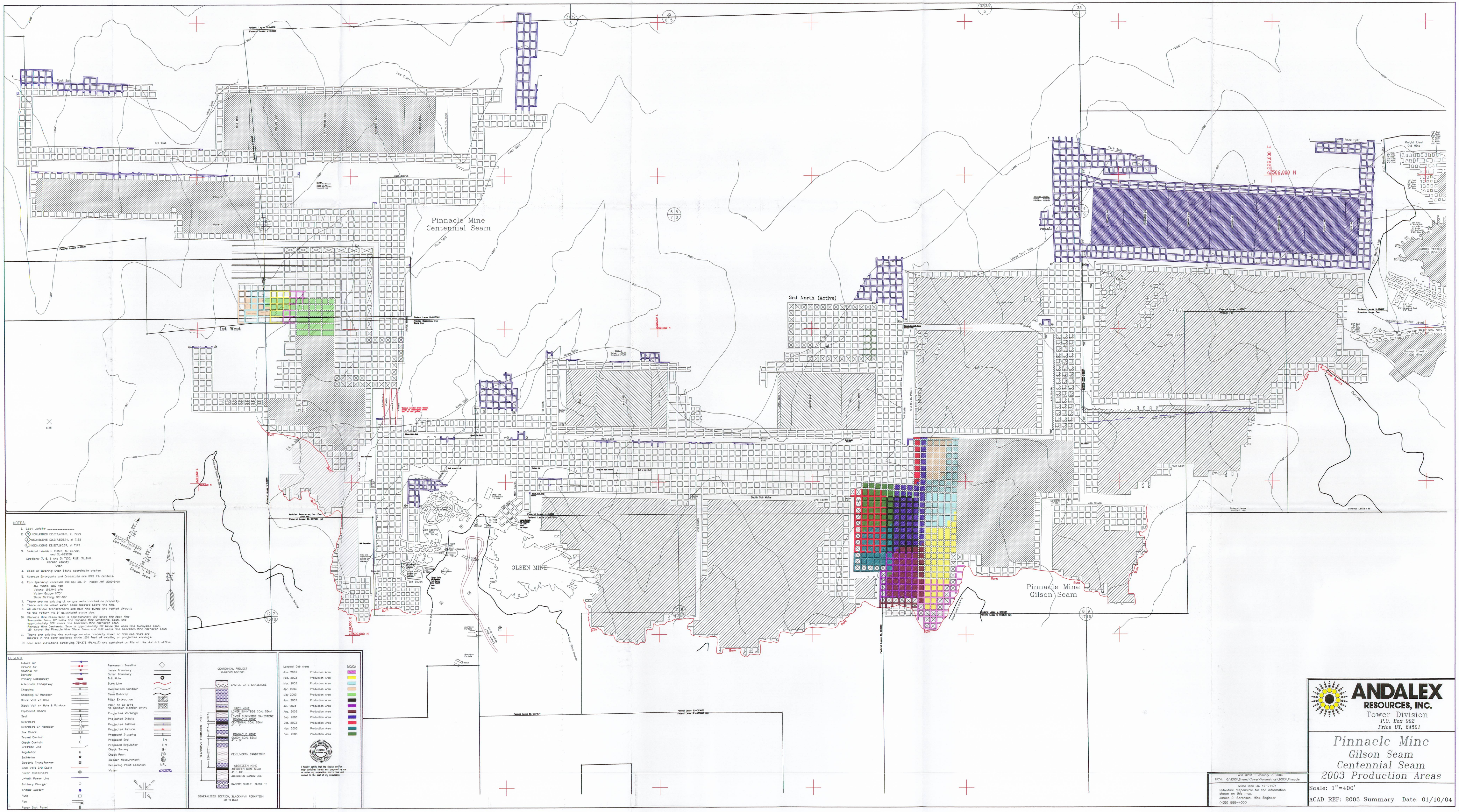
Pinnacle Mine
Centennial Seam
3rd North (Active)
1st West
OLSEN MINE
Pinnacle Mine
Gilson Seam
Knight Ideal
Old Mine
Maximum Water Level
Burn
Rock Spill
Lower Rock Spill
Federal Lease U-0566
Federal Lease U-0566B
Federal Lease U-0566C
Federal Lease U-0566D
Andalex Resources, Inc. Fee
Federal Lease U-0566D
Federal Lease U-0566D (M)
Federal Lease U-0566E
Federal Lease U-0566F
Federal Lease U-0566F (M)
Federal Lease U-0566G
Federal Lease U-0566H
Federal Lease U-0566H (M)
Sunnyside Lease Fee
Sunny Power's Mine
Sunny Power's
Gilson Seam
Centennial Seam
Knight Ideal Seam
2,500,000 N
2,505,000 N
2,225,000 E
NOTES:
1. Last Update: ----------
2. ⊕ N501,439.28 E2,217,423.81, el. 7229
⊕ N500,969.95 E2,217,535.74, el. 7150
⊕ N501,439.63 E2,217,645.37, el. 7173
3. Federal Lease U-0566, SL-027304 and SL-063059
Sections 7, 8, 6 and 5; T13S, R10E, SLB&M
Carbon County
4. Basis of bearing: Utah State coordinate system.
5. Average Entrycuts and Crosscuts are 833 ft. centers.
6. Fan: Spendrup vortexaxial 850 hp: 24. 9' Mosen AHF 2080-B-II
465 Volts; 1180 rpm
Volume: 198,940 cfm
Water Gauge: 0.75"
Blade Setting: 35°-55°
7. There are no existing oil or gas wells located on property.
8. There are no known water pools located above the mine.
9. All electrical transformers and main mine pumps are vented directly to the return via 6" galvanized stove pipe.
10. Pinnacle Mine Gilson Seam is approximately 190' below the Apex Mine Sunnyside Seam, 100' below the Pinnacle Mine Olsen Seam, and approximately 200' above the Aberdeen Mine Aberdeen Seam. Pinnacle Mine Centennial Seam is approximately 80' below the Apex Mine Sunnyside Seam, 110' above the Pinnacle Mine Olsen Seam, and 330' above the Aberdeen Mine Aberdeen Seam.
11. There are existing mine workings on mine property shown on this map that are located in the same coalbeds within 1000 feet of existing or projected workings.
12. Coal seam elevations satisfying 75-372 (Rule 27) are contained on file at the district office.
LEGEND
Intake Air
Return Air
Neutral Air
Bulkhead
Primary Escapeway
Alternate Escapeway
Stopping
Stopping w/ Manador
Block Wall w/ Hole
Block Wall w/ Hole & Manador
Equipment Doors
Seal
Overcast
Overcast w/ Manador
Box Check
Travel Curtain
Check Curtain
Brattice Line
Regulator
Ventilation
Electric Transformer
7200 Volt D/O Cable
Tripor Disconnect
L-Volt Power Line
Battery Charger
Trickle Duster
Pump
Fan
Power Disk Panel
Permanent Baseline
Lease Boundary
Outcrop Boundary
Drill Hole
Burn Line
Overburden Contour
Seam Outcrop
Pillar Extraction
Pillar to be left to maintain Manador entry
Projected Workings
Projected Intake
Projected Bottom
Projected Return
Proposed Stopping
Proposed Seal
Proposed Regulator
Check Survey
Check Point
Reader Measurement
Measuring Point Location
Water
CENTENNIAL PROJECT
SEGAMOH CANYON
CASTLE GATE SANDSTONE
BLACKHAWK FORMATION 700 FT
AREA MINE
LOWER SUNNYSIDE COAL SEAM
0'-5'
LOWER SUNNYSIDE SANDSTONE
PINNACLE MINE
CENTENNIAL COAL SEAM
5'-7'
PINNACLE MINE
OLSEN COAL SEAM
10'-12'
KENILWORTH SANDSTONE
ABERDEEN MINE
ABERDEEN COAL SEAM
27'-31'
ABERDEEN SANDSTONE
MANCOS SHALE 3,000 FT
GENERALIZED SECTION, BLACKHAWK FORMATION
NOT TO SCALE
Longwall Gob Areas
Jan. 2003 Production Area
Feb. 2003 Production Area
Mar. 2003 Production Area
Apr. 2003 Production Area
May 2003 Production Area
Jun. 2003 Production Area
Jul. 2003 Production Area
Aug. 2003 Production Area
Sep. 2003 Production Area
Oct. 2003 Production Area
Nov. 2003 Production Area
Dec. 2003 Production Area
I hereby certify that the design and/or map contained herein was prepared by me or under my supervision and to the best of my knowledge.
ANDALEX
RESOURCES, INC.
Tower Division
P.O. Box 902
Price UT, 84501
Pinnacle Mine
Gilson Seam
Centennial Seam
2003 Production Areas
LAST UPDATE: January 7, 2004
PATH: G:\ENG\Shared\tower\Volumetrics\2003\Pinnacle
MSHA Mine I.D. 42-01474
Individual responsible for the information shown on this map:
James D. Sorensen, Mine Engineer
(435) 888-4000
Scale: 1"=400'
ACAD REF: 2003 Summary Date: 01/10/04