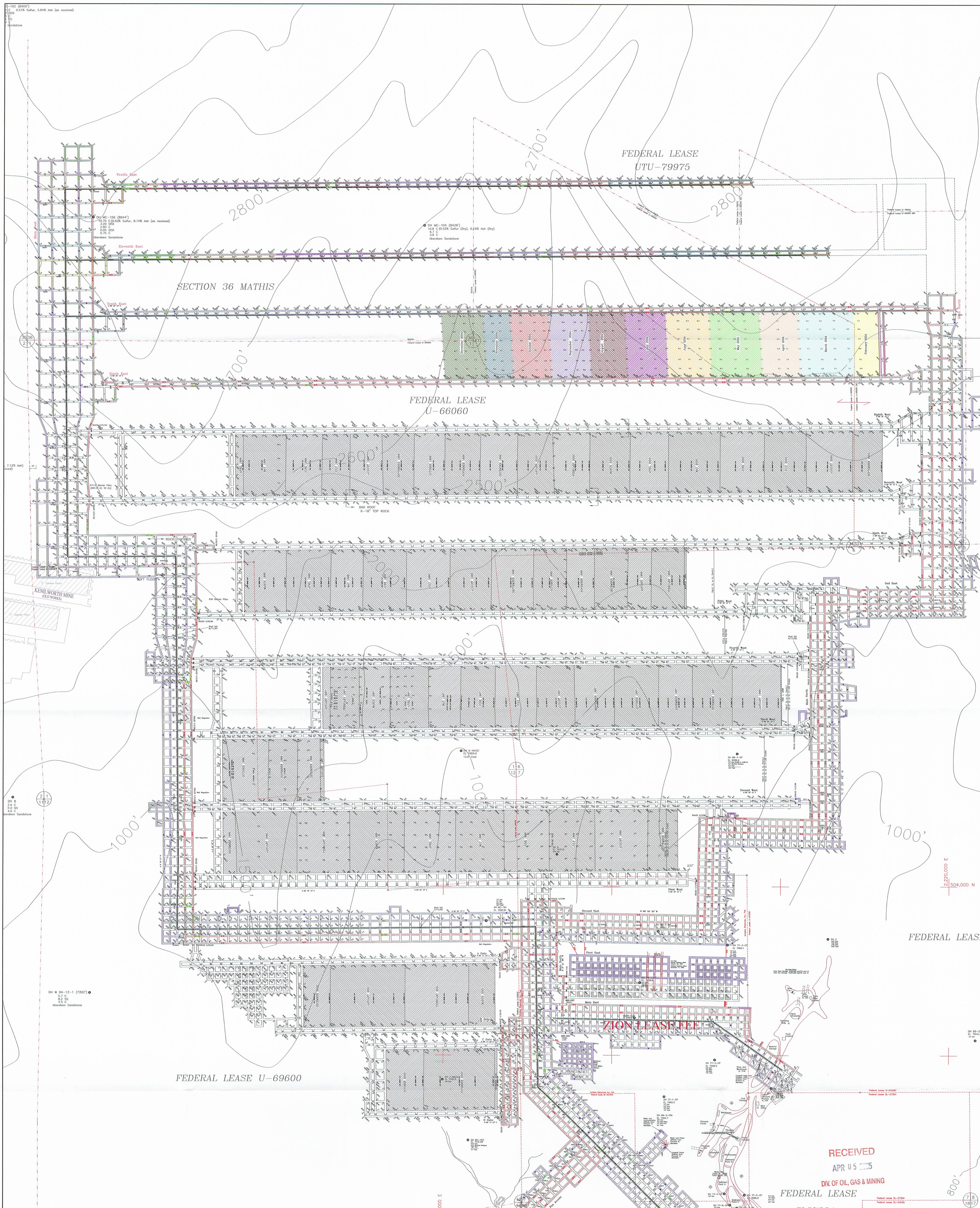


NOTES:

1. Last Update: __________
2. (A) N501,430.28 E2,217,423.81, el 7239
   (B) N500,565.95 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. Main Fan: DBT 8HUA108 (vane-axial) 2000 hp. 4160 Volts, 60 Hertz, 3 Phase, 1180 rpm
   Volume: 300,000-600,000 cfm
   Water Gauge: 9.6"
   Blade Setting: 38-35
   Diameter 9'

   #1 Fan (Backup): Spendrup AMF 66-26 200 hp. 480 Volts, 60 Hertz, 3 Phase, 1180 rpm
   Volume: 130,000 cfm
   Water Gauge: 4"
   Blade Setting: 35'-55'
   Diameter 66"

   #2 Fan (Backup): 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 150' feet below the Kenilworth Mine (old works) Kenilworth Seam, 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. Coal seam elevations satisfying 75-372 (Para.17) are contained on file at the district office.

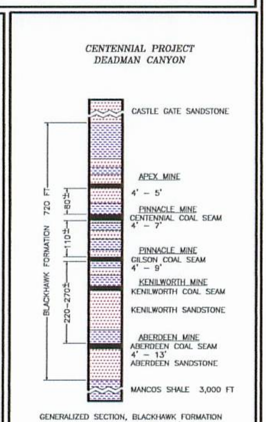
Strike N63°04'E Aberdeen Seam — Dip N 25° E 11%

Sta. No. — Ent. Ht. — Elev.

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 — T
Check Curtain — C
Regulator — R
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
CO Sensor
Check Point
Bleeder Measurement
Measuring Point Location — MPL
Check Survey
Permanent Baseline
Lease Boundary
Property 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
CH4 Sensor

CENTENNIAL PROJECT
DEADMAN CANYON



GENERALIZED SECTION, BLACKHAWK FORMATION
NOT TO SCALE

LEGEND

Gob Areas
Jan. 2004 Production Area
Feb. 2004 Production Area
Mar. 2004 Production Area
Apr. 2004 Production Area
May 2004 Production Area
Jun. 2004 Production Area
Jul. 2004 Production Area
Aug. 2004 Production Area
Sep. 2004 Production Area
Oct. 2004 Production Area
Nov. 2004 Production Area
Dec. 2004 Production Area

UTAH REGISTERED PROFESSIONAL ENGINEER #191488 John Christopher Lewis 3-29-05

I hereby certify that the design and/or map contained herein was prepared by me or under my supervision and is true and correct to the best of my knowledge.

LICENSED PROFESSIONAL GEOLOGIST # 5553419 MICHAEL W. GLASSON STATE OF UTAH

LAST UPDATE: January 20, 2005

MSHA Mine I.D. 42-02028
Individual responsible for the information shown on this map.
James D. Sorensen, Mine Engineer
(435) 888-4000

ANDALEX RESOURCES, INC.
Tower Division
P.O. Box 902
Price, Utah 84501

Aberdeen Mine 2004 Production Areas

Scale: 1"=500' Date: 03/24/05

ACAD REF: 2004 Abderdeen Summary DOGM