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ANDALEX
RESOURCES, INC.
Tower Division

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*Incoming
4/6/05*

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FACSIMILE TRANSMITTAL SHEET

DATE: _____

PLEASE DELIVER THE FOLLOWING PAGES TO:

NAME: Priscilla Burton

COMPANY: UDSM

FACSIMILE NUMBER: 359-3940

FROM: M. Glasson

TOTAL NUMBER OF PAGES (INCLUDING COVER SHEET): 10

RECEIVED
APR 06 2005
DIV. OF OIL, GAS & MINING



ANDALEX
RESOURCES, INC

P.O. BOX 902
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April 6, 2005

Utah Division of Oil, Gas & Mining
Coal program
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Attn: Pamela Grubaugh-Littig

Re: Gob Gas Vent Hole, Appendix X Amendment. C007/019

Dear Ms. Littig,

Attached please find corrected copies of pages 2-5, 2-7, 2-10, 3-12, 5-7 and 5-12 of ANDALEX Resources Appendix X, Gob Gas Vent Hole Plan for hole numbers 1,5 and 6. These corrections address comments received from your staff both today and yesterday (Priscilla Burton, Jerriann Ernstsens and Jim Smith).

Please call with any questions.

Sincerely,

Michael W. Glasson, P.G.
Senior Geologist

APPLICATION FOR PERMIT PROCESSING

<input checked="" type="checkbox"/> Permit Change X	<input type="checkbox"/> New Permit	<input type="checkbox"/> Renewal	<input type="checkbox"/> Transfer	<input type="checkbox"/> Exploration	<input type="checkbox"/> Bond Release	Permit Number: ACT/007/019
Title of Proposal: GOB GAS VENT HOLE AMENDMENT, Appendix X						Mine: Centennial Project
						Permittee: Andalex Resources

Description, include reason for application and timing required to implement: To enhance mine safety by venting longwall gob gas to the surface.

Instructions: If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation

<input type="checkbox"/> Yes	<input type="checkbox"/> No	1. Is the application submitted as a result of a Violation? NOV #
<input type="checkbox"/> Yes	<input type="checkbox"/> No	2. Is the application submitted as a result of other laws or regulations or policies? Explain:
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	3. Does the application affect the surface landowner or change the post mining land use?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	4. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?)
<input type="checkbox"/> Yes	<input type="checkbox"/> No	5. Does the application require or include collection and reporting of any baseline information?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	6. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	7. Does application require or include soil removal, storage or placement?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	8. Does the application require or include vegetation monitoring, removal or revegetation activities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	9. Does the application require or include construction, modification, or removal of surface facilities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	10. Does the application require or include water monitoring, sediment or drainage control measures?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	11. Does the application require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	12. Does the application require or include subsidence control or monitoring?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	13. Have reclamation costs for bonding been provided for?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	14. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
<input type="checkbox"/> Yes	<input type="checkbox"/> No	15. Does the application affect permits issued by other agencies or permits issued to other entities?

X Attach 5 complete copies of the application.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Linda Kerns - Salt Lake Office
Signed - Name - Position - Date

Subscribed and sworn to before me this 6th day of April, 2005

Linda Kerns
My Commission Expires: 05.01.05 2005
Notary Public



NOTARY PUBLIC
LINDA KERNS
345 NORTH 700 EAST
PRICE, UT 84501
MY COMMISSION EXPIRES
MAY 08, 2005
STATE OF UTAH

Received by Oil, Gas & Mining

ASSIGNED TRACKING NUMBER

be hand broadcast, raked in slightly and mulched with straw or alfalfa hay. Hand broadcasting requires twice the seed rate per acre as drilling.

After the topsoil is removed, the mud pit will be excavated and the soils from the mud pit excavation will be stored immediately adjacent to the mud pit. Mud pit excavation of subsoil will be approximately 110 CY at each well site. Generally, it is expected that mud pits will be excavated in an area roughly 200 square feet by 15 feet deep. A larger area is possible, should the depth not be achievable, or multiple pits may be employed. However a mud pit volume of roughly 3000 cubic feet per drill site is needed. A portable container for drilling fluids will be used if necessary, should there not be sufficient subsoil depth to excavate a mud pit (where bed rock is encountered).

Topsoil beneath the topsoil stockpiles will not be removed. Ribbon or a marking fabric will be placed on top of the topsoil prior to placement of the topsoil from the well pad area.

The volume of subsoil to be salvaged and used to create berms around the perimeter of the well including the topsoil stockpile perimeter is approximately 30 cubic yards.

231.200 Suitability of Topsoil Substitutes/Supplements

See Section 224.

231.300 Testing of Topsoil Handling and Reclamation Procedures Regarding Revegetation

Andalex Resources, Inc. will exercise care to guard against erosion during and after application of topsoil and will employ the necessary measures to ensure the stability on graded slopes. Erosion control measures will include silt fences, berms, seeding, straw bales, soil roughening, and mulching of the soils.

Topsoil will be redistributed and the original soil surface beneath the topsoil stockpile will be roughened as presented in Section 242.100 and seeded with the seed mix described in Chapter 3, Section 356.

231.400 Construction, Modification, Use, and Maintenance of Topsoil Storage Pile

See Section 243

233.400 Testing of Substitute Topsoil

No substitute topsoil is planned.

234 Topsoil Storage

234.100 Topsoil Stockpiling

Topsoil will be stockpiled for later use in reclamation operations.

234.200 Topsoil Stockpile

Stable Stockpile Site - Stockpiled material will be placed on a stable site.

Protection from Contaminants and Compaction - To protect the topsoil from contaminants and unnecessary compaction that could interfere with vegetation, the stockpile will be isolated from the main surface area by a berm and/or silt fence. A sign designating "topsoil" will be installed on the stockpile.

The topsoil stockpile will be constructed in such a manner as to allow access for repair of the pile surfaces and diversion structures.

Wind and Water Erosion Protection - The topsoil stockpile will be protected from water erosion by berms, which trap sediment runoff from the stockpile. The berms have been designed to completely contain the 10-year 24-hour storm event (see Attachment 7-1). The stockpile will be surface pitted, gouged and/or roughened and revegetated using the seeds listed in Table 3-2 to prevent wind erosion.

Topsoil Redistribution - Stockpile soil will not be moved until redistribution during contemporaneous or final reclamation operations unless approved by the Division.

234.300 Topsoil Stockpile Relocation

Stockpiles soil in jeopardy of being detrimentally affected in terms of its quality by drilling operations may be temporarily redistributed or relocated on approval by the Division and modification of this M&RP.

240 RECLAMATION PLAN

Well Site No.	Topsoil Thickness (Inches)
GVH-1	18
GVH-5	18
GVH-6	18

Compaction - Prior to the application of topsoil, compacted subsoils will be roughened or loosened for a depth of 18 to 24 inches. To prevent compaction of topsoil, soil moving equipment will refrain from unnecessary operation over spread topsoil. The topsoil will be in a loosened condition prior to seeding.

Following the drying of the mud pit materials, the dirt excavated to create the mud pit will be mixed with the drill cutting and returned to the pit to prevent a boundary of hard material from forming in the mud pit are that would hamper root penetration and then compacted to minimize settling.

Erosion - Care will be exercised to ensure the stability of topsoil on graded slopes to guard against erosion during and after topsoil application. Post reclamation (contemporaneous and final) erosion control measures will be surface roughing, mulching and seeding. Out slopes along all the access roads will be seeded with a fast growing type of seed, western wheatgrass grass for example. This will quickly establish an erosion control measure on the out slopes.

242.200 Regrading

The areas will be graded to their approximated original topographic configuration.

242.300 Topsoil Redistribution on Impoundments and Roads

The mud pits will be dismantled and filled following completion of drilling. See Section 242.100, Compaction for additional information. Mud pits will be covered with the same amount of topsoil as the rest of the site. The roads existing prior to starting the drilling program will not be reclaimed. Access roads built to allow entrance to the drilling pads will be reclaimed and will receive topsoil in the same depth as their corresponding pad areas when gob gas venting is complete.

**Table 3-2
Reclamation Seed Mix**

The final reclamation seed mixture from the Centennial MRP will also be used for all interim, contemporaneous reclamation on the Gob Gas project sites and road slopes:

<u>SPECIES</u>	<u># PLS/acre</u>
<u>Grasses:</u>	
<u>Leymus cinereus</u> Great Basin Wildrye	2.0
<u>Agropyron spicatum</u> Bluebunch Wheatgrass	2.0
<u>Agropyron trachycaulum</u> Slender Wheatgrass	2.0
<u>Bromus inermis</u> Smooth Brome	3.0
<u>Oryzopsis hymenoides</u> Indian Ricegrass	2.0
<u>Poa sandbergii (secunda)</u> Sandberg Bluegrass	0.25
<u>Forbs:</u>	
<u>Artemisia ludoviciana</u> Louisiana Sagebrush	0.1
<u>Hedysarum borealis</u> Northern Sweetvetch	1.0
<u>Linum lewisii</u> Lewis Flax	1.0
<u>Penstemon strictus</u> "Bandera" Rocky Mountain Penstemon	0.25
<u>Shrubs:</u>	
<u>Amelanchier alnifolia</u> Serviceberry	1.0
<u>Artemisia tridentata vaseyana</u> Mountain Big Sagebrush	0.2
<u>Cercocarpus montanus</u> True Mountain Mahogany	1.0
<u>Cercocarpus ledifolius</u> Curtleaf Mountain Mahogany	1.0
<u>Chrysothamnus nauseosus albicaulis</u> Whitestem Rubber Rabbitbrush	1.0
<u>Purshia tridentata</u> Bitterbrush	3.0
<u>Symphoricarpos oreophilus</u> Mountain Snowberry	1.0
Total	21.8

Rate is pounds Pule Live Seed per acre for drill seeding. Broadcast seeding is double the drill rate.

treatment.

527.200 Description of Transportation Facilities

The well sites have been chosen close to existing roads whenever possible in the area to limit surface disturbance. The existing roads were constructed and are maintained by the land owner. The existing roads are approximately 16 feet wide. See Figure 5-5 for a typical cross section of the existing roads. This route is located in the bottom of Deadman Canyon north of the Centennial Project Minesite surface facilities. This road is a continuation of the paved Carbon County Road #299, which ends at the northern end Centennial Minesite surface facilities. The access road, which was constructed by the surface owner, is capable of carrying heavy equipment to and from the site. This same road was used by ARI in 1989 for another surface drilling project. The road will require minor drainage control upgrades (18 and/or 24 inch culverts) and slight widening of several sharp turns enroute to the drilling sites. Given the present snow cover, existing roads will be located by using GPS methods and also, the surface owner will be present to assist.

528 Handling and Disposal of Coal, Excess Spoil, and Coal Mine Waste

No disposal of coal, excess spoil, and coal mine waste will occur at the well sites. It should be noted however, that drill cuttings (mud pits) will be covered upon final reclamation with a minimum of four feet of fill material followed by topsoil.

529 Management of Mine Openings

The perimeter of the sites, including the topsoil stockpiles will be fenced with gates on the access roads. The well casing will have a valve that is closed and locked. The valve will also prevent access by animals or other material. Mine openings will be monitored in accordance with Federal and State Regulations.

During the life of the wells, the sites will be inspected as needed by mine personnel to verify the continued operation of the pumping equipment and general site conditions.

530 OPERATIONAL DESIGN CRITERIA AND PLANS

531 General

This section contains the general plans for the construction of sediment controls and general construction and maintenance of the well sites.

The proposed well site locations are shown on Figure 1-1.

553.200 Spoil and Waste

Spoil - No Spoil will be generated within the well sites. It should be noted however, that drill cuttings (mud pits) will be covered upon final reclamation with a minimum of four feet of fill material followed by topsoil.

Coal Processing Waste - No coal processing waste will be generated within the well sites.

553.250 Refuse Piles

No refuse piles will exist at the well sites.

553.300 Exposed Coal Seams, Acid and Toxic Forming Materials and Combustible Materials

No coal seams will be left exposed at the well sites. All wells will be sealed according to Federal and State regulations.

553.400 Cut and Fill Terraces

No unnecessary cut and fill terraces will be constructed at the well sites.

553.500 Highwall From Previously Mined Areas

No highwalls exist or will be built at the well sites.

553.600 Previously Mined Area

No previously mined areas exist at the well sites.

553.700 Backfilling and Grading - Thin Overburden

No surface mining and reclamation activities involving thin overburden will occur at the well sites.

553.800 Backfilling and Grading - Thick Overburden

No surface mining and reclamation activities involving thick overburden will occur at the well sites.

553.900 Regrading of Settled and Revegetated Rills