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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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November 30, 1988

TO: Sue Linner, Permit Supervisor

FROM: Randy Harden, Reclamation Engineer *RHW*

RE: Blazon Mine Chronology, Blazon #1 Mine, North American Equities, INA/007/021, Folder #2, Carbon County, Utah

The following is the chronology for the Blazon #1 Mine updated to 11/30/88:

BLAZON MINE CHRONOLOGY

DATE	ACTIVITY
02/02/88	NAE - response to request for information regarding surface ownership, amended certificate of authority, and transfer of water shares to surface owner.
02/04/88	Hand Memo from Dan Guy - request to extend channel design submittal to February 15, 1988.
02/16/88	Memo - James Leatherwood, deficiencies in final reclamation plan, from submittal dated October 29, 1986.
02/23/88	Memo - Lynn Kunzler, deficiencies in final reclamation plan.
04/04/88	Memo - James Leatherwood, deficiencies on drainage design submittal dated February 16, 1988.
05/27/88	Letter - to Steve Tanner, regarding citizen's complaint received May 2, 1988.
06/09/88	Letter - notice of requirement to complete design in accordance with permit stipulations. Stipulations UMC 817.44 - (1-2) - RS.
06/15/88	NAE - notice to Division that firm of Holme Roberts & Owen a local Utah counsel with regard to reclamation of Blazon Mine.
06/17/88	Letter - second notice of expiration of letter of credit on July 31, 1988.
06/22/88	NAE - notification that EarthFax will complete engineering work on Little Snyder Canyon.
06/27/88	NAE - response to request for lease documents on right of entry.

- 06/28/88 Blazon letter from William Prince of Holme, Roberts & Owen regarding interpretation of scope of work remaining to be accomplished at the Blazon site.
- 06/28/88 NAE - Scope of work for reclamation and history of project from W.B. Prince.
- 06/29/88 Letter of extension of time for Little Snyder Channel Reclamation to 7/1/88
- 06/29/88 Letter - grant extension in time for submittal of designs for Little Snyder Drainage to July 1, 1988.
- 06/30/88 Inspection and NOV N88-13-2-1 written for failure to construct sediment pond in accordance with the approved plan. Abatement time 30 days (July 30, 1988).
- 07/01/88 Little Snyder Design Reclamation Submittal Received at the Division.
- 07/05/88 Memo - Randy Harden, deficiencies in Little Snyder Drainage Design submitted July 1, 1988.
- 07/06/88 Memo - James Leatherwood, deficiencies regarding July 1, 1988 submittal on reclamation drainage design of Little Snyder Canyon.
- 07/06/88 Memo - Rick Summers, deficiencies in Little Snyder Drainage Design submitted July 1, 1988.
- 07/19/88 NAE - submittal of preliminary design flows for Mud Creek.
- 07/19/88 Letter - Certification requirements for sediment ponds, Class I Haul Roads, Coal Waste Ponds and Impoundments.
- 08/02/88 Memo - Mike DeWeese, evaluation of Mud Creek design flow.
- 08/04/88 Little Snyder Deficiencies Review Letter and Technical Memos
- 08/04/88 Letter - review and comments regarding drainage design for Little Snyder Canyon Submitted July 1, 1988 prepared by EarthFax.
- 08/10/88 NAE - transmittal letter, submittal of plan to finalize reclamation at Blazon #1 Mine prepared by ACZ.
- 08/16/88 Memo - Randy Harden, deficiencies regarding August 10, 1988 submittal on N88-13-2-1.
- 08/16/88 Memo - Lynn Kunzler, deficiencies review of final revegetation plan.
- 08/17/88 Technical Review - NOV abatement plan and proposed amendments to the Blazon Reclamation Plan
- 08/17/88 Letter - NOV Abatement Deficiencies - N88-13-2-1.
- 08/17/88 Memo - Mike DeWeese, deficiencies regarding August 10, 1988 submittal on N88-13-2-1.

- 08/22/88 NAE - submittal, revised design of reclamation channel for Little Snyder Canyon.
- 08/24/88 Memo - Rick Summers, Revised Design of Reclamation Channel for Little Snyder Canyon.
- 08/24/88 Memo - Mike DeWeese/Rick Summers, review and conditional approval for abatement required under N88-13-2-1 and subsequent amendments.
- 08/26/88 Memo - James Leatherwood, topsoil redistribution.
- 08/26/88 Memo - Randy Harden, review and conditional approval for abatement required under N88-13-2-1 and subsequent amendments.
- 08/29/88 Letter - Conditional Approval, NOV abatement N88-13-2-1 and other proposed changes to the reclamation plan. Stipulation UMC 783.25 - (1) - MDD, Stipulation UMC 817.24 - (1) - JSL, Stipulation UMC 817.45 - (1) - MDD/RPS, Stipulation UMC 817.46 - (1) - MDD/RPS, Stipulation UMC 817.46 - (2) - MDD/RPS, Stipulation UMC 817.53 - (1) - MDD/RPS, Stipulation UMC 817.101 - (1) - JRH, Stipulation UMC 817.116 - (1) - LK, Stipulation UMC 871.181 - (1) - JRH.
- 08/30/88 NAE - notification of start up activities in compliance with N88-13-2-1.
- 09/02/88 NAE - stipulation response letter to conditional approval letter dated August 29, 1988.
- 09/06/88 NAE - additional copies of August 22, 1988 reclamation plan as requested by Division.
- 10/10/88 NAE - request to revise seeding plan to hydroseed and hydromulch the area, and, revised seed mix.
- 10/13/88 Letter - Conditional Approval, Changes to revegetation plan. Condition - written commitment to clean hydroseeder and notify the Division 48 hours prior to initiation of hydroseeding activities.
- 10/27/88 Memo - James Leatherwood, criteria for soil sampling and fertilization.
- 11/03/88 Memo - Darron Haddock, regarding site visit.
- 11/17/88 NAE - request for partial bond release.
- 11/22/88 Letter - to Robin Slutsky, sent bond release information.

cc: L. Braxton

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