



JIM GIBBONS
Governor

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 106
Carson City, Nevada 89703
(775) 684-7040 • Fax (775) 684-7052
<http://minerals.state.nv.us/>

Las Vegas Branch:
2030 E. Flamingo Rd.
Suite #220
Las Vegas, Nevada 89119
(702) 486-4343
Fax (702) 486-4345

ALAN R. COYNER
Administrator

ACTIVITY AND ACHIEVEMENTS
February 2008

ADMINISTRATION (ALAN)

1. Continued office expansion and remodel oversight. Communicated with drywall, flooring, and cabling contractors. Packed and moved boxes and furniture.
2. Met with Mark Amodei and Jon Brown (NvMA) and Gary Johnson (BLM-NSO) with follow-up recommendations for the removal of plastic claim posts. Decision has been made to pursue legislation that would make plastic posts not a valid monument and allow for their removal, without liability, from public land.
3. Responded to a resident near the Stillwater Geothermal Plant inquiring as to a possible administrative hearing concerning injection well permits issued to ENEL.
4. Prepared a statement for the Governor concerning the Women's Mining Coalition.
5. Met with Christy and representatives of the BLM, NDEP Water Resources, NDEP UIC and Geyser Petroleum concerning the Pipeline #1 well.
6. Attended the Mackay summer intern presentation with Mike Visher.
7. Assisted Sharlet Berentsen of the Humboldt-Pershing Sustainable Development Partnership with mining and geothermal information.
8. Assisted Vinson Guthreau of j3strategies with an editorial on mining law reform.
9. Assisted Michael Brown of Barrick with information concerning the Cordero Hg mine.
10. Responded to a request from Mimi Rodden to fund additional safety fencing at the Mining Park in Tonopah.
11. Coordinated contact between Mousset-Jones of Mackay and the State Mine Inspector.
12. Received information of public meetings in Hawthorne and Goldfield concerning proposed county land bills and the creation of new wilderness areas. Alerted interested parties and requested a briefing of state agencies by Senator Reid and Ensign's staff.
13. Approved additional bulldozer rental to complete the MacArthur project.
14. Approved invoices for the John Mackay Club, SEG student chapter, and the Mackay Centennial project.
15. Received waiver from UNR Office of Sponsored Projects for overhead expense on the \$100K Mackay Recruitment and Retention Project.
16. Reviewed a press story indicating the State of Arizona will be named in a lawsuit resulting from the death and injury of two young girls from an AML accident in September of 2007 near Kingman, AZ.
17. Participated in USACE RAMS conference call.
18. Participated in an IOGCC Steering Committee conference call.
19. Participated with Commissioners Bryan and Mudge in MSESE Advisory Board meeting.
20. Attended the SME monthly meeting.
21. Attended with Commissioners Bryan and Parratt, the SME annual convention in Salt Lake City and helped man the NDOM booth.
22. Notified the CMR and NDOM staff of the passing of former NDOM administrator Rich Rebyburn in Orem, UT.

RECLAMATION BOND POOL (DOUG)

1. Issued notice level bonds for Nevada Moray, Inc. and Nevoro Nevada Inc.
2. Sent a listing of notice level bonds to Connie Parratt who is trying to find out who is actively operating or exploring in Nevada.
3. Spoke with Dave Wolfe about a change of operators at a project with a notice level bond.
4. Prepared and sent out the invoices for bond pool participants who pay quarterly.

MINING, LAND AND OTHER ISSUES (DOUG)

1. Worked on office moving/organization.
2. Assisted Lorraine Manatt from the Mine Inspector's Office with AML information.
3. Responded to a Salt Lake City reporter about the earthquake near Wells.
4. Responded to several e-mail inquiries about Titan Mining Group.
5. Spoke with John Sanders about an EIS for a land withdrawal for an airport near Pahrump. He was wondering how much detail was needed in the section on mineral potential.
6. Reserved booth space for the Elko Mine Expo.
7. Sent copies of the annual status and production reports to David Davis.
8. Spoke with Terry Howard of TNT Ventures who is concerned about increased ATV use on his claims. His neighboring claimant has built drill roads which allow the increased access. Terry is planning to dig some trenches and is wondering how to block access.

AML / PUBLIC AWARENESS - NORTH (MIKE)

1. Conducted ownership research on 37 hazards logged in White Pine County by the Geotemps contractors.
2. Assembled Cultural Resource Avoidance Certification packets for hazards secured within the Carson City BLM District. Delivered package to Susan McCabe (BLM-CC archaeologist) for review and subsequent forwarding to SHPO.
3. Received a request from Bart Wills (Kleinfelder) for AML information along two proposed highway construction routes in northeast Reno/Sparks. Worked with Paul to query our database and assemble the needed information. The information along with some overview maps was emailed to Kleinfelder. In the process of reviewing the data, we discovered several hazards which were never backfilled and whose securing status has not been field checked in some time. Field checked 11 unfilled AML hazards along proposed NDOT highway expansion routes in north Reno. Made repairs and re-secured 5 sites. Updated spreadsheet with new information and coordinates and re-sent to Kleinfelder (contractor for NDOT).
4. Met with Kendra Olcott (JBR) at Golden Predator's Springer Mine to review the status of 53 AML hazards located on private property. A letter addressing those sites recommended for additional securing work will be sent to JBR next week. Received a request for 50 warning signs from Golden Predator following the receipt of JBR's report on unsecured hazardous conditions on mine property.
5. Received information from Chris Ross (BLM-NSO) concerning the re-opening of a previously backfilled hazard at Perry Canyon. The orphan shaft which was backfilled in 2005 apparently bridged and, with the recent wet weather, settled considerably exposing an approximately 40' deep shaft. Paul and I constructed a new fence around shaft WA-268 and posted warning signs as well as at WA-267 which had settled a few feet.
6. Conducted AML field work in NE Spanish Springs, six sites shown on topo maps were found to be on private property and secured by parcel-perimeter fencing and "No Trespassing" signs.

7. Completed a 2008 calendar, featuring the 2007 interns, for outreach and recruiting opportunities.
8. Updated AML PowerPoint presentation with current data and imagery. Presented it to 10 students and one adult at John Mackay Club meeting (UNR) discussing this year's plans to hire eight summer interns.
9. Provided Boy Scouts Travis Peterson and Casey Sylvester with additional information for their final project report and project proposal, respectively.
10. Reviewed scout Casey Sylvester's Eagle Project proposal, made edits and suggestions. Returned proposal and discussed project logistics with scout.
11. Assisted with and supervised Travis Peterson's Eagle Service Award AML fencing project at Painted Rock. Four hazards were fenced by his crew of eight volunteers. A "Thank You" letter and photo CD were sent to Travis.
12. An AML informational packet was sent to scout Eli Bagley (Cold Springs) for his consideration regarding an Eagle Service Award project.
13. Provided BLM-CC with coordinates of four abandoned vehicles on public lands in Washoe County. The BLM is coordinating with the Nevada Army National Guard to perform air extraction exercises to remove them this spring and has requested assistance from NDOM in location information.
14. Provided a CD of aerial photos to Marian Samuelson (Ion Graphics) for use in Fourth Ward School "Stay Out, Stay Alive" exhibit.
15. Communicated with Mark O'Brien (BLM-NSO GIS Specialist) regarding Township/Range/Section layer data in public domain, its accuracy and how to get it. Mark located the data (three separate files) and facilitated the transfer of it to NDOM. This will assist with the generation of new maps for regions of Nevada without pre-existing surveyed T/R/Sec information.
16. Found references to two previously unlisted AML incidents and added them to our incident list. Five year-old girl injured in fall down 35' deep shaft in Washoe County (1987) and dog injured in fall down 25' deep shaft in Humboldt County (1993).
17. Communicated with Doug Braam (Great Basin Institute) to obtain GIS data used for their fledgling Nevada Trail Maps website. This data will be useful in highlighting statewide recreational trails and in prioritizing our field efforts.
18. Sorted current AML database and submitted subsets to AML leads at BLM and USFS.
19. Traveled to Chandler, Arizona and attended the National Association of Abandoned Mine Land Programs (NAAMLPL) winter business meeting. Participated in the NAAMLPL Hardrock AML committee meetings wherein much of the discussion concerned the various forms of a Hardrock AML Program considered by both houses of Congress as part of changes to the 1872 Mining Law. The House version is somewhat similar to OSM's SMCRA, which this group has significant history with. A Senate version is being drafted. The first hearing occurred on January 24th and was largely focused on funding mechanisms. The next hearing will be March 12th and will focus on current and future hardrock AML programs. Bill Brancard, New Mexico Mining and Minerals Division Director, will testify regarding this issue.
20. As part of the NAAMLPL meeting, Greg Conrad, Executive Director – Interstate Mining Compact Commission (IMCC), solicited information regarding state AML programs and posed various questions and discussion topics regarding how any national Hardrock AML program might look and operate, from the states' points of view. A bulleted response was provided based on Nevada AML experiences and insights.

21. As part of the NAAMLPL field trip to Superior, Arizona toured the Resolution Copper Company's project and visited some nearby state-owned hazards slated to be backfilled. Met Arizona State Mine Inspector, Joe Hart, who spoke about the two recent AML fatalities and his offices denied request for \$1.5M in state funds to combat the situation. The denial occurred on the same day as the filing of a \$14M liability claim against the state on behalf of the family whose daughter died from a fall down an unsecured mine shaft on private property.
22. Communicated with Andy Carithers regarding his underground mining activity at the upcoming Teachers Workshops.
23. Staff provided three Rocks/Minerals/AML presentations to 4th graders at Pinion Hills Elementary School in Carson City. (3 presentations – 80 children)
24. Communicated with Jon Price regarding his new educational activity "Order of Magnitude" to be used at the Teachers Workshops and prepare needed materials.
25. Staff completed the annual education mini-unit and AML brochure mail out to all public and private schools in the state. 1,344 4th grade and 696 8th grade mini-units were mailed out, along with 76,325 "Stay Out, Stay Alive" AML brochures.
26. Unpacked files and placed office furniture following the office remodel and expansion.

AML / GIS (PAUL)

1. Worked on BLM information packet containing the information on the AML work done by NDOM on BLM land in 2007. Made photocopies of all of the hazard ID sheets and copies of all of the photographs taken of each site. Cultural Resource Avoidance Certification forms were included for each of the sites that were fenced or barricaded.
2. Received a call from Debbie Selig concerning the GIS map templates on the GIS computer in the NDOM office in Las Vegas.
3. Talked to Bill Durbin about the Monte Cristo mine site at the junction of Six Mile Canyon Road and Seven Mile Creek. Bill remembered when the initial AML work was done at the site and provided me with the information needed. Drove up to the Monte Cristo site to investigate the AML hazards. Was able to get to the site but was restricted to taking a few photographs due to weather and amount of snow on the ground.
4. Made photo copies of hazard ID sheets of hazards in the Spanish Springs Sun Valley area for road construction information.
5. Mike Visher and I went out to investigate a shaft north of Sparks that had been backfilled but reported to have settled this winter. The shaft was approximately 25 to 30 feet deep with horizontal workings at the bottom. Mike and I fenced it off and posted with NDOM signs. While out at that sight we observed another backfilled hazard that had a hole in it. We posted that hazard.
6. Received a message from Doug Siple canceling the MacArther reseeding project due to weather. It will be rescheduled pending weather conditions.
7. Worked on office, unpacking and setting up desk and cabinets.
8. Updated the non-hazard database for the GIS computer.
9. Worked on a state wide hazards map showing the USGS data of possible hazards in Nevada and our database of hazards and non-hazards on a large topo index map of the state of Nevada.
10. Represented NDOM at the annual SME convention in Salt Lake City. Manned the booth and answered many questions about the AML program.
11. Attended the monthly Education Committee at the NMA offices in Reno. Discussed and finalized plans for the teachers' workshop in Las Vegas March 15 through March 19.

12. Attended an open house at the BLM offices in Spark. The open house was to inform others about the changes to the Geo Communicator and LR2000 web pages by the BLM.

AML / PUBLIC AWARENESS - SOUTH (BILL)

1. Conducted a reconnaissance trip with Chris Ross (BLM-NSO) and Susanne Rowe (BLM-LVFO) to Gypsum Cave east of Las Vegas to discuss permanent closure methods. Though a natural cave, it was explored for gypsum and bat guano has been occasionally harvested. It is not logged as an AML site, but is highly dangerous.
2. The Nevada Conservation Corps Clark County AML inventory crew submitted hazard inventory sheets for 57 hazards investigated and ranked and 310 non-hazards logged. Current totals for the project to-date are 274 hazards investigated and ranked and 1,126 non-hazards logged.
3. A Cultural Resource Avoidance Certification report was completed and sent to the Las Vegas BLM Field Office archaeological staff for AML securings and repair work completed in Clark County during Calendar Year 2007.
4. Conducted a recon trip with Bureau of Reclamation staff to field check the locations of AML sites in far southern Clark County cleared for permanent closure under SNPLMA Round 5.
5. Participated in the monthly SNPLMA progress report conference calls for the Clark County Round 4, 5 and 6 AML closure projects.
6. Conducted Clark County AML claim research.
7. Conducted a recon trip with bat biologists Rick Sherwin and Carl Johansson to AML sites in the Searchlight and Crescent Peak areas. The sites are proposed for permanent closure under SNPLMA Round 5.
8. Completed Justin Graf's Eagle project. Six hazards were secured in the Crescent Peak area, Clark County.
9. Made an AML presentation at a meeting of Boy Scout Troop 430 in North Las Vegas for 76 Scouts and adults. The presentation was requested by Eagle Scout candidate Brian Cooper who will complete his AML securing project on Saturday, Feb. 16.
10. Completed Brian Cooper's Eagle Scout project at the Three Kids Mine in Henderson. The southeast high wall of the Hulin Pit was fenced with 200' of barbed wire fence; the east high wall was posted with warning signs placed every 50' and a shaft near the east pit high wall was fenced. Brian's is the 82nd completed AML Scout project.
11. Completed Zach Nielsen's Eagle Scout project. Four hazards were secured 3 miles south of Nelson, Clark County. Zach's is the 83rd completed AML Scout project.
12. An Eagle Scout project request was received from Jason Duccini (#105).
13. Collected quartz from the Nelson area and gneiss from the Crescent Peak area for teacher workshop mineral and rock kits and was given a supply of granite countertop material that is suitable for the teacher rock kits.
14. Received confirmation for the Cashman Equipment Company tour during the 2008 Las Vegas teacher workshop. The tour will be at the existing Craig Road facility.
15. Received confirmation for the Chemical Lime Company tour during the 2008 Las Vegas teacher workshop. The visit to Chemical Lime will be paired with a tour of Valley of Fire State Park.
16. Prepped materials for "Mining in a Nutshell" presentations at the Nevada State Science Teachers Association Convention (Feb. 8-9) – Spring Valley High School – Las Vegas.
17. Presented minerals/commodities and AML for two sessions of 3rd graders at Mountain View Christian School - Las Vegas (2 presentations - 43 students).

18. Conducted two sessions of “Mining in a Nutshell”, minerals/commodities and AML for the Nevada State Science Teachers conference – Spring Valley High School – Las Vegas – total of 18 teachers (2 presentations – 18 people).
19. Assisted with two McCaw School of Mines tours – one tour was with the East Las Vegas Senior Citizens Center, the other a group of 4th graders from Logandale.
20. Presented 2 sessions of minerals/commodities, “Birdseed Mining” and AML for 120 3rd graders at Eisenberg Elementary School – Las Vegas (2 presentations – 120 people).
21. Made a presentation on Nevada mining and AML at Las Ventanas assisted living facility in Summerlin – monthly men’s breakfast/lecture series. 28 participants attended – The invitation was made by Ken Reim (1 presentation – 28 people).
22. Participated in Nevada Reading Week by reading books to four classes (2 second grade, 1 third grade and 1 fifth grade) at Gordon McCaw Elementary School.
23. Met with Co-Chairman Bill Snyder and Tour Coordinator Holly Eighmy to discuss various items of business and accounting procedures at McCaw School of Mines.
24. Attended the Tonopah Historic Mining Park Foundation Board meeting – held in Las Vegas – attended to provide information on the status and needs for the 2008 summer teacher workshop which will be held in Tonopah on July 22-24.
25. Contacted a Las Vegas custom truck shop for a cost estimate for fabrication of a protective metal fuel tank cover for the agency vehicle.
26. Debbie Selig worked on the office GIS system to incorporate non-hazards into a data layer that can be displayed on AML field maps for the NCC inventory crew.
27. Attended the Nevada Mining Association Education Committee meeting in Reno.

GEOHERMAL (CHRISTY)

1. Caithness Beowawe - approved sundry notice for Batz 1 repair and for tracer test.
2. Enel Salt Wells - 86-26 completed, testing. Mobbed rig to 65-36, drilling ahead, fishing, temporary shut in, cogitating, 64-35, spud, drilling ahead
3. Enel Stillwater - reviewed and provided comments on Churchill County’s draft monitoring plan for Stillwater.
4. Nevada Geothermal Power Blue Mt. - 44-14 drilling ahead, TD’d, testing, rigging down. Seven permit applications approved and sent. Received email permit applications for injection wells. Moving onto 58-15, approved change in location. Received and reviewed three applications for temperature gradient holes at Blue Mt. Requested some changes to proposed program.
5. Ormat Buffalo Valley - 31-26 drilling ahead.
6. Ormat Desert Peak - approved sundries for seismic monitoring equipment installed in two observation wells at, part of DOE EGS program
7. Ormat Fallon Carson Lakes - received revised PA application for, , out for public notice
8. Ormat Fireball Ridge – 63-29 spud, drilling ahead, TD, site inspection, CBL failed run.
9. Ormat Jersey Valley - 18A-27 plugging LC zone, drilling ahead.
10. Ormat NAS 82-36 – drilling ahead
11. Ormat Steamboat - three pump installation sundries approved.
12. Raser Big Smokey Valley - coordinated with on injection well application.
13. Raser Devils Canyon - Received revised PA application, out for public notice.
14. Sierra Geothermal Reese River - received requested change in location from change approved pending BLM review of location. Received change in drilling program for 25A-4. Need further review, approved re-entry to Reese River TGH, re-entry 13-4, deepening, drilling ahead.

15. Terra-Gen - Received Caithness Dixie Valley change of ownership.
16. Vulcan Carson Lakes - has re-started drilling on the 17-16, closing in on TD, completed and rigging down.
17. Coordinated with Virginia Lake Townhouses contractor on change of status for injection well.
18. Provided information to Navy on Hawthorne El Capitan well and working to coordinate with Mineral County and Mt. Grant Hospital possible heating district.
19. Approved domestic heat pump wells for Reno home
20. Prepared 2007 generation numbers for posting on website.

OIL AND GAS (CHRISTY)

1. Blackburn O&G - Approved three sundry notices for work on wells in the Blackburn field.
2. Geyser Petroleum Pipeline - attended meeting with, DWR, NDEP and BLM representative. Geyser must apply for a surface discharge permit to continue pumping from the well.
3. Makoil Dry Lake Approved sundry change in program for well
4. Makoil Munson Ranch 12-43 - approved sundry change in program
5. PXP Pluto - received final paperwork for well.
6. Trail Mt. Palisades #1 - drilling ahead, plugged, cleaning up site.

OTHER

1. Presented RETAAC report to Governors Climate Change Committee. Well received, good interface between committees.
2. Coordinating with NDEP on Interlocal agreement between agencies for injection well drilling and testing.
3. Coordinating meeting on Sage Grouse issues.
4. Prepared handouts and maps for the Smith Valley Advisory Committee meeting re: County land bill.