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ALAN R. COYNER
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ACTIVITY AND ACHIEVEMENTS FOR
MAY 2007

ADMINISTRATION

1. Attended Mackay Days at UNR with the Division's display and provided AML materials to students (one presentation – 50 people).
2. Met with Jerry Kier of Nevada Conservation Corps concerning the Clark County logging and inventory contract.
3. Attended the retirement event for Steve Robinson of the Governor's office.
4. Met with Ken Maas of the USFS to sign the programmatic agreement allowing NDOM to conduct logging and fencing AML activities simultaneously.
5. Traveled to Washington DC to meet with congressional staffers concerning abandoned mine lands funding and the USACE RAMS program. Met with governor's office reps from AK, CA, NM, NV and the Navajo Nation. Met with house offices of Heller (NV), Tauscher (CA), Young (AK), and Matheson (UT), and senate offices of Reid (NV), Domenici (NM), Craig (ID), Stevens (AK), Murkowski (AK), Bingaman (NM), and Allard (CO). Also met with the Energy and Water Committee Clerk, the director of the Western Caucus, and the Assistant Secretary of the Army for Civil Works.
6. Met with Janet Hess concerning legal notification of counties about AML hazards.
7. Provided minerals education materials to Bill Kohlmoos, NMPA.
8. Agreed to serve as Vice President of the local SME chapter.
9. Distributed the announcement for the 2007 Nevada Excellence in Mine Reclamation award.
10. Confirmed 5 work programs were properly submitted to Dept. of Administration for consideration at June IFC meeting.
11. Had initial meeting with interns and took them to lunch.
12. Led the High School Mining Field Trip to Newmont's Twin Creeks mine. Thirty students and six high school teachers attended.
13. Participated the State Environmental Commission meeting in Carson City.
14. Met with Terry Howard, TNT Ventures, concerning exploration work at the Guild gold placer mine northwest of Yerington.
15. Worked with Ryan McGuiness, Governor Gibbons DC office, on WGA resolutions concerning abandoned mine cleanup and national minerals policy.
16. Committed to a State of Nevada exhibit booth at the Arizona Geological Symposium to be held in Tucson, AZ, September 26 to 29, 2007.
17. Submitted a spreadsheet to Senator Reid's office showing the impact to NPOM revenue from a federal royalty on mineral production from public lands.
18. Contacted Howard Wells of Wells Cargo concerning the AML hazards on his claims near the west end of Warm Springs Boulevard.

RECLAMATION BOND POOL

1. Participated in the selection committee to open the bids for the MacArthur reclamation project. Four bids were received. The leading bid is from H.E. Hunewell Construction Co. Inc. Their bid is higher than the amount of money available, so State Purchasing will be negotiating with them to try to get a lower bid. Spoke with Craig Smith (BLM) and Annette Morfin (State Purchasing) about the project. The proposed contractor, H.E. Hunewell, has lowered their bid price to meet the amount of money available. Spoke with Russ Fields about NvMA's contribution. Sent signed contract for the MacArthur reclamation project to State Purchasing for submittal to the Board of Examiners.
2. Issued 12 notice level bonds for MGC Resources, Inc., 2 for Golden Odyssey, 2 for Agnico-Eagle, MGC Resources, Electrum USA, Cantex Gold Corp, Consolidated Gold Win Ventures, TNT Venture, and 2 for AuEx, Inc.
3. Gave Leslie Coleman of the NMA some reclamation acreages for Nevada.
4. Met with Bill Heilig of A & H Insurance, representing Hugh Roy Marshall, about the bond pool.
5. Assisted Precious Metals Recovery Systems, a bond pool participant, with obtaining their water pollution control permit in a timely manner.
6. Nine notice level bonds were released by the BLM. Eight of those were White Knight Gold (US) bonds which were replaced under a state-wide bond held by U.S. Gold. The other release was Quicksilver Ventures, who withdrew their notice prior to conducting any work.
7. Prepared invoices for notice level bond participants who are on a June premium schedule.

MINING, LAND AND OTHER ISSUES

1. Received a subpoena to testify at the trial of Lord v. Argentina Consolidated Mining, et.al. Later received word that my scheduled testimony had been postponed, and possibly would not be needed.
2. Sent copies of the Annual Status and Production Reports that have been received to NBMG and to Debbie in Las Vegas.
3. Put together information for several work programs.
4. Gave gold production figures for the Elko area to Deb McFarlane of the Elko BLM.
5. Sent the Division of Water Resources hole plugging regulations to Ted Wilton.
6. Answered miscellaneous questions concerning zeolites, mineral rights, and claim forms.
7. Calculated the amount of Nevada's gold production originating from private and public land for the past 5 years.
8. Met with Janet Hess, Alan, Mike, and Bill (via phone) about the land ownership status of the gypsum mine AML sites near Las Vegas.
9. Supervised the Summer Interns for one week in the field in Pershing County.

AML / PUBLIC AWARENESS – NORTH

1. Communicated with Rachel Baker and Paula Scheffler, Dept. of Personnel, to resolve issues related to the hiring of our six summer interns.
2. The summer interns began their first week of work with NDOM completing the requisite new-hire paperwork, reviewing policies and procedures with staff, gathering the necessary equipment and safety materials and attending various training sessions. Historical and biological resource recognition training was provided in the field by representatives from BLM-CC, USFS and Nevada Natural Heritage. AML field work in Douglas, Lyon, and Washoe Counties resulted in seven securings, ten logged hazards, three re-visits, and 39 logged non-hazards.
3. The interns completed their second week conducting securing and logging work in Pershing County. They logged 21 hazards, 213 non-hazards, re-visited one site, and secured 11 abandoned mines .

4. Communicated with Ken Maas (USFS) to outline summer work on FS-managed lands.
5. On May 22nd, a 63-year-old man died after he lost control of his Jeep on a narrow hillside trail above the abandoned Loring Pit in Virginia City and rolled 500 feet into the pit. The Loring Pit is located approximately 150 yards southwest of the Fourth Ward School.
6. Received a call from Matthew Holes regarding the May 27th rescue of a young man (mid-20's) who fell 170-200' down a 45 degree incline while exploring underground with his wife at the Anniversary Mine in Clark County. The mine is located less than a mile north of the Lake Mead NRA boundary on patented mining claims, owned by American Borate Corporation, north of Callville Bay, north of Northshore Rd. (Hwy 167). The individual who was exploring the workings with only votive candles suffered only a sprained ankle and embarrassment. Fortunately, Mr. Holes (and a friend) who were en route to the nearby "Anniversary Narrows" had some experience as rock climbers and had 300' of climbing rope and sufficient other equipment to extricate the man. While assisting the victim, Mr. Holes discovered an unexploded stick of dynamite in the wall (rib) about shoulder high. After some research, all information regarding the incident and ownership was forwarded to American Borate, BLM –NSO, National Park Service and the State Mine Inspector's Office. Lyle Lehman, mine manager at American Borate's Billie Mine in Death Valley, called back to say the company had backfilled the adits in 1986. According to witnesses and the Park Service, the adits have since been dug out and as many as 100 people annually trespass and explore the mine workings. Mr. Lehman says his company will work with all agencies to address and mitigate all current hazards. Bill Durbin will visit the site in the near future and log the previously unlogged hazards.
7. Communicated with Jason Williams (NDOW-Ely) and Nate Thomas (USFS-Ely) regarding this summer's inventory and securing plans around Ely. Both will be submitting a short list of regions they consider high priority for NDOM to investigate. Spoke with Jason regarding status and closure requirements for several AML sites near Osceola. A list of orphan AML sites in Lincoln County was forwarded to him for review of possible bat habitat.
8. Received a phone call from claimant Bob Ostlund regarding a letter received from NDOM requesting the securing of several sites in the Osceola area, SE of Ely. Methods for closure were discussed and Bob is proposing to backfill nine hazards on patented mining claims and to work with NDOW to bat gate one other. Backfill work is expected to be completed within a month.
9. Provided a field tour of the proposed backfill sites in Washoe and Douglas Counties to BLM-CC archeologists Susan McCabe and Liz Lane. The required pre-closure archeological surveys should be completed within the next few weeks. Initial planning and design work of the proposed "Stay Out, Stay Alive" component at the Fourth Ward School in Virginia City is underway, with the expectation that the several of the indoor descriptive panels and the outdoor narrative signage will be completed before the end of summer and fully funded by the \$5,000 grant authorized by the Commission. Estimates for additional (optional) features to the previous designs are expected prior to the next Commission meeting.
10. Newmont has proposed a Supplemental Environmental Program (SEP) to construct bat gates and a bat cupola at the Murphy Mine, currently under claim by Geologix. Doug Bartow (Newmont) is working with Kris Urquhart (NDOW) to complete the project and both will continue to update NDOM as to the project's status.
11. The initial printing of the 2006 AML Reports contained substandard printing quality due to an incorrect printer setting at State Printing. A new batch was printed and mass mailing of the 2006 AML Report to interested parties continues and is about 75% complete, with approximately 400 sent to date.
12. A copied set of NDOM field topo maps covering the Contact and Tuscarora regions were sent to Deb McFarlane (BLM-Elko) to assist with air and ground reconnaissance assessments. A list of unsecured sites will be provided to NDOM for consideration.

13. Met with Eric Warmath (GIS Coordinator – NDOT) to get maps and other data regarding the proposed V&T railroad route. Eric will provide NDOM with detailed map and photographic information to assist with prioritization, access and abandoned mine inventory work planned for the Virginia City, Gold Hill, Silver City and Moundhouse regions.
14. Janet Hess provided administrator and staff with a legal opinion on land patent involving the transfer of land from the BLM to Clark County for parcels at the west end of Warm Springs Rd. in the region covered by the valid “Best Bet” placer claims. Language in the patent implies that Clark County is responsible for conditions in violation of state law, i.e. that Clark County is responsible (as are the claimants) for the securing of the abandoned mines in question. Janet also recommended changes to our existing letter sent to county commissions regarding unsecured sites which have not been secured by responsible parties. She will make recommended changes and provide us with a new template for future letters, which should assist counties in seeking legal recourse against non-responsive claimants and owners.
15. All of the logging and securing photographs from the recent Geotemps contract were renamed, edited, and categorized on the AML computer.
16. Three replacement cell phones and upgraded phone service were ordered for use by the summer interns.
17. Discussed the option of having Danielle Villa conduct the needed hazard ownership research as a contractor with Geotemps. There are approximately 480 hazards that require ownership research or would benefit from updated research.
18. Assisted the administrator in drafting and distributing the new Field Specialist announcement. The announcement was posted via the State’s jobs website, NDOM’s website, GSN, the State’s GIS users group, the Nevada Landman Association, Mackay (UNR), and UNLV (Geosciences). Five candidates have applied so far for the AML Field/GIS Specialist position which was posted on May 15th.
19. Received an email from interested Boy Scout, Michael Hartley, regarding AML as an Eagle Service Project.
20. A table-top display featuring NDOM’s AML program was exhibited and manned at the Reno Gem and Mineral Society’s “Jackpot of Gems” annual show held at the Reno Livestock Events Center Exhibit Hall. Approximately 2,100 people attended the two-day event. “Stay Out, Stay Alive” videos and other outreach materials were provided to attendees (one presentation – 2,100 people).
21. A rocks/minerals/AML presentation was provided to 28 4th-graders at Alice Smith Elementary School in Reno (one presentation – 28 people).
22. Attended and completed the state-required defensive driving course and the sexual harassment prevention refresher course (on-line).
23. Attended the State Mapping Advisory Committee meeting and communicated with other attendees regarding the status of our GIS/Field Specialist position.
24. Attended NvMA Education Committee meeting to plan for the Earth Science Teachers Workshop in August. There are 47 teachers signed up so far which is ahead of last year’s sign-ups.

AML / PUBLIC AWARENESS – SOUTH

1. Toured the Argenta Mine site west of Goodsprings. Constructed a replacement adit barricade, re-placed a wood and animal wire barricade removed from an adit portal and constructed a barricade across an open space in on a shaft bulkhead. The work was done on three “orphan” mine openings adjacent to the Argenta Mine patented claims (CL-1303, 1305 and 1306). Backfill work conducted in April, 2005 by the owners of the Argenta Mine, on a series of mine openings on the west-facing side of the ridge, was found to be undisturbed and intact. Two berms constructed across the access road were found destroyed, allowing for easy access. Openings on the east-facing side of the ridge, where no heavy equipment access was possible were barricaded in 2004. The barricades were damaged,

allowing access. Attempts to contact the owner by phone and e-mail were not successful. The Argenta Mine is the focus of a forthcoming court action resulting from the October 2002 injury incident involving a group conducting a geocache expedition (see #4). Served 2 subpoenas to give testimony at the Robert Lord vs. Argentina Consolidated Mining Company, et al beginning May 9. Informed by owners of the Argenta Mine that a mining claim survey was done by another defendant in the case of Robert Lord vs. Argenta Consolidated Mining Company, et al. The survey purports to show that the claims are located west of where the original patent survey says they are – the surveyor’s opinion is that the two entrances of the tunnel and the winze in-between where the Lord injury occurred, are on BLM land. There is ample evidence to the contrary from BLM and Clark County records and the original patented survey plat. The BLM has been notified. Testified at the Lord vs. Argenta Consolidated Mining Company trial in Clark County District Court.

2. Work was completed on land status maps for the Mountain Vista Mines/Best Bet placer claim groups – West Warm Springs Road, Las Vegas – for presentation to the Clark County District Attorney’s office and Code Enforcement Unit. Met with staff from the Clark County District Attorney and Code Enforcement offices to discuss strategies for securing mine hazards in the West Warm Springs area of Las Vegas.
3. Participated in a conference call with Carson City staff and Janet Hess to determine a better course of action for notification of claimants and counties regarding the obligation to secure hazardous AML sites.
4. One new AML hazard was investigated and ranked in Clark County. One new AML hazard was investigated and ranked and one non-hazard was logged in Esmeralda County.
5. Working with the State Mine Inspector’s office and the Lincoln County Sheriff’s office on a report of explosive materials found in the main adit at the Emerson (Tempiute) Mine near Rachel, NV. Ownership of the patented mining claims has been determined by the Las Vegas office and the information has been forwarded to the Lincoln County Sheriff.
6. Information has been collected on the ownership of patented mining claims at the Anniversary Mine near Calville Bay, Clark County, the site of a minor injury accident involving a fall down a decline shaft the weekend of May 23-24, 2007. Contact with the land owners has been made and the hazards are scheduled to be investigated and ranked the week of June 4-8.
7. Met with Tonopah BLM staff to discuss proposed 2007 backfill projects in the Lida/Gold Point areas of Esmeralda County. Due to extensive recent claim staking in and around Gold Point, many of the proposed hazards are now off the list.
8. Taylor Smith’s Eagle project was completed. Taylor is the 70th Scout to complete a project. His work consisted of a shaft fence repair and complete reconstruction of three vandalized adit barricades north of Goodsprings.
9. Materials were assembled for Shane Palmer’s Eagle Scout project, scheduled for Saturday, May 12.
10. Shane Palmer’s Eagle Scout Service Project was completed. Five hazards were secured southwest of Goodsprings. Shane’s project is our 71st completion.
11. Jared Cooper’s Eagle Scout Service Project was completed. Five vandalized AML hazards were re-secured southwest of Henderson.
12. Jessica Shalita’s Gold Award Service Project was completed. Three vandalized AML hazards were re-secured in the Searchlight area. Jessica is our second Girl Scout and her project is the 73rd completed since 1992.
13. Materials were assembled for D.J. Stanger’s Eagle Scout project south of Henderson, which will be completed June 2.
14. Contacted by Eagle Scout candidate Andy Bernica about an AML securing project (our 87th Scout).
15. Attended the NvMA Education Committee meeting in Reno.

16. Attended Red Rock National Conservation Area's "Spring Fling". Division display included fluorescent minerals, "Stay Out and Stay Alive" handouts, and information on education programs (one presentation - 200 people).
17. Conducted presentations on minerals and their uses, "birdseed mining", fluorescent minerals and AML to 3rd graders at Sue Morrow Elementary School in Henderson (two presentations – 80 people).
18. Staff worked with the McCaw School of Mines executive director in locating venues and setting dates for the annual McCaw Docent Appreciation and Awards dinner and the Gala fund-raising event now scheduled for October 5 during Nevada Mining Month. Met with McCaw Foundation Board members to discuss plans for the Annual fundraiser Gala scheduled for Friday, October 5 at the Henderson Convention Center.
19. Conducted presentations on minerals and their uses, "birdseed mining", fluorescent minerals and AML to 46 1st graders at James McMillan Elementary School in Summerlin (one presentation – 46 people).
20. Conducted presentations on minerals and their uses, "Birdseed Mining", fluorescent minerals and AML for 63 3rd graders at Sue Morrow Elementary School in Henderson (three presentations- 63 people).
21. Traveled to Tonopah – attended the Tonopah Mining Park Foundation Board meeting to discuss plans for the 2008 Earth Science Education Workshop and will set up a display booth at the Mining Park for Jim Butler Days (Saturday, May 26).
22. Attended Jim Butler Days in Tonopah. The Division display generated considerable interest – estimated 200-300 attended the one-day event. Former interns Noah Millett and Garrett Schultz participated in the Jim Butler Days mining competition for hand steel and team mucking events (one presentation – 300 people).
23. Conducted 5 presentations on the geologist profession, minerals and their uses, fluorescent minerals and AML for approximately 390 K-5 students at the Kitty Ward Elementary School Career Day event in Las Vegas (5 presentations – 390 people).
24. Attended a meeting with McCaw Foundation Board members Jackie Walker and Bill Snyder to hire Holly Eighmy as replacement for Tour Coordinator Dorothy Webb, whose resignation/retirement was effective May 31, 2007.

GEOTHERMAL

1. TG Power, drilling ahead on well 65-8. BOPE tested and Pason graphics submitted. TG Power 65-8, flow tested well, temp but no flow. Sundry request to deepen to 4500' approved. Met with representative, given update on activities and cooperative efforts with BLM and NDOW. Reached TD, tested, flow was limited, requested TD of 5000'. Parameters of well researched and found to be sufficient for increased depth. TG Power, running 9 5/8 liner in 65-8. Received requested information on Blue Mt well completion subsequent to approving sundry for testing plan change.
2. Received revised well drilling program from Vulcan Carson Lakes project. Require further information. Requesting larger pad size which may effect EA. Meeting with representative of Vulcan, Carson Lakes project. Reviewed requested change in program for observation wells. Ten sundries submitted with fees. Coordinating with BLM. Sundry for change in program, Carson Lakes, observation wells, approved with COAs. Resubmitted PA application. Public comment notice posted.
3. Received revised project area permit for ENEL Salt Wells project, put out for public comment.
4. Received Plugging report of MTH test well at Steamboat from Ormat.
5. The new geothermal regulations for BLM and MMS were published in the Federal Register on May 2.
6. Asked to serve on the Governor's Renewable Energy Transmission Access Advisory Committee.

7. Met with Razor Technology representative on Big Smokey project area. Revisions required for production well apds submitted. Submitting UIC application. Submitted two applications for injection wells.
8. Three production well apds for Truckee Geothermal approved.
9. Ormat mobbing DHS rig onto SBH site. Steamboat Hills, Ormat, Well 83b-6. Witnessed bope testing and H2S crew drill. Problem with getting notices and reports from drilling projects discussed. Memo sent to operator. Approved sundry notice for change in well head design on Ormat SBH Well 83b-6. Ormat Steamboat Hills 83B-6 running 13 3/8 casing.
10. Coordinating with Ormat and Winnemucca FO on Jersey Valley Production Well apds. WFO required Ormat to submit apds for approval prior to completing the EA. This presented a problem for Ormat in permitting with NDOM. State office, NDOM and WFO have discussed and amended this procedure so the problem should not occur in the future. Five apds received for review.
11. Received completion report and logs for Ormat Brady well 15-12.
12. Approved sundry for change in injection zone on Dixie Valley 38-25, Caithness.
13. Ormat's Galena 2 plant came on line in April, Steamboat hills flash plant with bottoming cycle back on line. Working with operator on reporting format.
14. Meeting with NDEP, R. Land regarding confidentiality of UIC permit information. Received a draft of Geothermal FAQ's from same.
15. Nevada Geothermal Power, Blue Mt project. Mobbing in ThermoSource rig for completion of well 38-14. Tested BOP, coordinated on conditions and Pason graphics submitted. Passed. H2S drill performed. Coordinating with BLM on deepening sundry.
16. Ormat Buffalo Valley TG 6 completed.
17. Ormat, received changes in program for Jersey Valley slim holes. Requested further information from operator.
18. Coordinating with USGS on data collection for state wide renewable potential maps with land restriction overlays.
19. Sierra Geothermal proposing new drilling program for Reese River and Pumpnickel projects using coiled tubing unit. Will provide a technical review of the process prior to submitting applications.

OIL AND GAS

1. Notification from BLM that Westar has filed for a Directors Review on the disposition of the Gigante 4-1 well.
2. Empire Petroleum completed testing of the Cobble Cuesta well. PA program submitted, approved, plan completed.
3. Approved sundry for Meritage acid reconditioning of WW 1-34. Approved sundry for perforation and testing program of Eagle Springs 74-35.
4. PXP Pluto well rigging up Nabors rig; well spudded May 7 and drilling ahead on Pluto 21-1.
5. Eagle Exploration drilling ahead on Rio Blanco #2. Approved sundry notice for deepening Rio Blanco #2 to 4000'. Sundry not utilized. Well PA approved May 12. Program complete.
6. Received PA program from Makoil, 14-24, waiting on further information. Approved 6 months extension on TA of 12-43.
7. Update from G.Miller Energy Operations Nevada, EA on Able wells delayed to May 11. Program submitted in Sept. 06.
8. Received a program for consolidating the oil spill material at Toana Draw 15-12, Foreland. Coordinating with NBCA, approved for temporary storage only. Must proceed with clean up later in the summer.
9. Have received an application to drill from Neuhaus. This company has five wells which need to be PA'd. Working with company to complete PA work timely to further drilling.
10. The BLM's EIS on OG leasing in Ely/Elko is going to printers this week. D. Clark will be sending me copies of the document, maps, and stipulations. EIS was not modified to reflect

the White Pine County land bill wilderness areas, however there is a set of maps being generated to reflect the new land use designation.

11. Received Ely draft ROD on Oil and Gas Leasing in White Pine Grant Quinn area and maps.
12. Coordinating with DY Exploration and NDEP on clean up of Toano Draw well site. Clarification of storage of oil stain material. Approval to compile material.
13. Provided information to Clary Petroleum, TX on operating in NV.
14. Richardson operating has onsite for three new apds scheduled for May 15. One approved apd has been extended to November 07.
15. Approved sundry for rework on Santa Maria de Los Angeles, Geysers Explo.
16. Prepared World Report request for 07 production information, sent.
17. Approved change in ownership of well Toano Draw 15-19 from Foreland to DY Exploration. DY has committed to a partial clean up on site to be completely disposed of after a rework program on the well this summer. Coordinating with NBCA.
18. Approved amended PA program for Makoil 14-24.
19. PXP setting intermediate string. Double Jack doing the BOPE testing. Repairing top drive.
20. P&A program approved for Neuhaus Tomera Ranch 4-1. Neuhaus has five wells they will be P&A within the month.
21. P&A for Munson Ranch 11-14, Makoil, approved.
22. Coordinating with Cleary Petroleum on setting up as an operator in the state.
23. Met with USFS and state contractor (G.I.S. Land Services – Greg Ekins) concerning the Roadless Management Plan.
24. Meeting with USFS and GISLS. Discussed GIS layers to utilize and coordination efforts for reviewing the compiled map. Steve Fechner will be the lead on delimiting boundaries of mining activity with input from GISLS gathered from industry, utilizing the GISLS compilation maps. Early July expected to have this part of the project completed.
25. Meeting with BLM, GBC, NBMG, USGS representatives on compilation map for Senator Reid expressing renewable energy potential and restricted areas within the state. USGS will be doing the map compilation.