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ALAN R. COYNER
Administrator

ACTIVITY AND ACHIEVEMENTS

March 2008

ADMINISTRATION (Alan Coyner)

1. Met with Mike Evans and Roy Barton concerning oil and gas public files.
2. Met with Everclear Solutions concerning mine water cleanup opportunities in Nevada.
3. Met with Gary Hollis, Nye County commissioner concerning a proposed ACEC in Armagosa Valley.
4. Met with Commissioner Snow, Hitace Gecol (Nevada State Energy Office), Christy, and a wildlife biology consultant concerning sage grouse policy and impacts to renewable energy development.
5. Assisted Lisa Shevenell (Great Basin Center for Geothermal Energy) concerning funding mechanism from the NPOM tax paid by the geothermal energy producers.
6. Submitted an appropriations request for \$1M to Senator Reid's office for FY09 funding for the USACE RAMS program in Nevada.
7. Spoke with Mimi Rodden, Tonopah Historic Mining Park, concerning funding for fencing additional AML sites on park property.
8. Facilitated a meeting concerning the Diana Mine at Berlin Ichthyosaur State Park with the Mine Inspector, State Parks, and NDOM staff to address safety issues at the mine. Attended an agency briefing on the Lyon, Mineral, and Esmeralda county land bills.
9. Participated in a RAMS conference call concerning the upcoming congressional briefing trip to Washington DC.
10. Gave a presentation at the American Association of Professional Landmen annual meeting.
11. Participated in a call with BLM concerning the new FAST (Fix A Shaft Today) program.
12. Participated in the UNR student intern interview process.
13. Participated in the Las Vegas Earth Science Teachers' Workshop.
14. Participated in the State Environmental Commission meeting in Reno.
15. Attended the monthly meeting of NMPA.
16. Attended the monthly meeting of the GSN Symposium Committee meeting.
17. Met with Mackay Centennial Committee.

RECLAMATION BOND POOL (Doug Driesner)

1. Issued 5 notice level bonds and released 3.
2. Spoke with Terry Howard of TNT Ventures, a bond pool participant, who is in the process of getting a plan of operation instead of a notice. Provided him with contact information of some other placer operators operating under a plan.
3. Spoke with PRMS about their deposit for the Bovie-Lew Property. They have partially reclaimed the site, and are trying to sell the property.
4. Provided information on all the deposits in the bond pool to Eric Scheetz at the Controller's Office.

MINING, LAND AND OTHER ISSUES (Doug Driesner)

1. Participated in interviews of 15 summer intern candidates. Conferred with Mike and Paul. Checked candidate's references. Made offers to 8 candidates and got 8 acceptances.
2. Met with David Davis at NBMG about 2007 production reports and sent him the non-confidential portions of the annual status and production reports received to date.
3. Met with Steve Parent and Dan Forbush of General Metals Corp.
4. Figured the amount of money available from the medallion royalty for possible use assisting the Tonopah Mining Park with abandoned mine safety issues.
5. Did some research on the Minnesota Mine for Art Wilson. Art is looking for a source of iron for his prilling process.
6. Itemized the claims held by respondents to the 2006 exploration survey.
7. Sent information on aggregate production to the Churchill County Assessor.
8. Sent second billing to BLM for the SNPLMA AML inventory work in Clark County.
9. Provided information on mining wages to a student working on a project on mining costs.
10. Spoke with Peter McDermitt about the Lucky Boy Mine.
11. Attended the Nevada Miners & Prospectors Association meeting in Reno.
12. Spoke with Ron Hess at NBMG about the shut down of the Jerritt Canyon roaster.
13. Spoke with Darren LaMieux about the Atlanta Mine.
14. Attended a meeting with State Parks, Mine Inspector, USFS, BLM, and NDOM about reopening the Diana Mine as a tourist attraction at the Berlin-Ichthyosaur State Park.
15. Spoke with Mark Mesch, formerly the Utah AML lead, now a consultant for the BLM, on the BLM's FAST (Fix A Shaft Today) program.
16. Began work on the agency's biennial report on internal controls.
17. Scheduled an Eagle Scout project for April 19th. The recon was already done last fall.

AML / PUBLIC AWARENESS - NORTH (Mike Visher)

1. Logged one new hazard and re-visited another near Goldfield.
2. Received a call from patent claim owner Nelson Spear who was asking for information regarding his family's claim near Goldfield. The claim has one unsecured shaft on it. Patent and pertinent geologic information and an AML contractors list with securing standards were faxed to him.
3. Following up on a lead from the BLM, Paul and I logged two new hazards at the old Thompson smelter site near Wabuska (Lyon County) and secured one, a 80' x 25' x 25' deep concrete lined pit, with fencing and signage. A sign was posted at an 80' x 60' x 8' deep concrete lined empty water basin; this low hazard will be secured by the interns in May as part of their fence construction training.
4. Spoke with Kris Urquhart and Jenni Jeffers (NDOW) regarding bat surveys at Diana Mine (Berlin/Ichthyosaur SP). Apparently, no thorough study has been conducted, though 4 different species were noted during a visit 14 months ago. If new constructive work for safety is to be done in the mine, NDOW would like to do additional surveys before, during and afterwards, particularly if bat gates are considered for installation.
5. Returned phone call from Sam Lane, Arizona AML Lead, requesting information on how Nevada handles UG mine rescue efforts. Provided some information and forwarded him to the office of the State Mine Inspector for additional information. Currently, Arizona does not have the technical ability or in-place partnerships to conduct underground mine rescues, nor do they have any active UG operations to draw on in case of an emergency.
6. Received a phone call from Buffy Cooper, Carson City resident, who retold the story of losing her dog on "C Hill" while hiking then rescuing it, skinny but safe, four days later.

Apparently, the 9-month old Great Dane fell through a ledge of snow which obscured an abandoned mine opening on the steep northeast facing slope. The dog fell approximately ten feet and landed on soft dirt at the narrow opening to an inclined shaft. The dog was trapped between the highwall and eight feet of snow and ice. Four days later, another hiker heard the dog barking and was able to break through the snow and ice, but it took the owner's voice and coaxing to finally encourage it the rest of the way out. Fourteen non-hazards were identified on the north slope of "C Hill" in addition to the inclined shaft. The hazard was logged and determined to be on Forest Service-managed land. After being notified of the hazard, Ken Maas (USFS-State Office) began working on an expeditious means to secure it. Following a site survey by FS Carson District staff, the site is proposed to be closed with expansive polyurethane foam.

7. Provided an update to BLM-NSO, BOM-CC, and NDOW regarding the status of AML sites being considered for permanent closure during 2008 and 2009. Currently, AML sites at Painted Rock and Cold Springs in northern Nevada are on track for backfill this fall.
8. Spoke with bat survey specialist Rick Sherwin regarding his upcoming April visit to conduct internal UG bat surveys at specific sites proposed for backfill in 2008 and 2009. Some level of on-site logistical support will be required by NDOM.
9. Traveled to Lovelock and supervised scout Casey Sylvester's Eagle Service Award project. With an experienced work crew, ten abandoned mine hazards were secured in short order in Pershing County. While in the region, 18 previously secured hazards were re-visited and new signs posted at four of them.
10. Provided answers to additional question from Government Accounting Office regarding Nevada's AML program, size and scope of the AML issue, progress limiting factors, and estimates for various mitigation methods.
11. Attended a meeting to discuss possible options for the re-opening of the Diana Mine at Berlin-Ichthyosaur State Park. Representatives from State Parks, NDEP, State Mine Inspectors Office, BLM and FS were in attendance. Jeff Bixler from the State Mine Inspectors Office will coordinate an on-site visit and evaluation in April along with State Parks and Paul Buffington.
12. Fifteen Mackay students were interviewed at UNR for the NDOM summer internship program. A recruitment announcement was created for the statewide employment website and all interviewed students were notified that they would need to complete the online application in order to be considered. Communicated with the eight intern applicants who accepted our offer and requested they also provide a DMV printout showing their driving record. All other applicants were notified by phone or email that our hiring process was completed.
13. Communicated with recruiter Rosana Jacques and with individual intern applicants to facilitate their completion of the state's online job application process (NEATS/NVAPPS). By week's end, three of the 15 still had not completed the application and two who were denied by the system, for poor/incorrect responses to the questionnaire, were subsequently corrected and are once again eligible.
14. Provided Marian Samuelson (4th Ward School graphic artist) with additional imagery and information for the planned exhibit.
15. Finished organizing AML, mining and geological reference books in office common area.
16. Communicated with ESRI regarding a quote for an additional ArcGIS license, to be used on the communal GIS computer. A quote for \$1,224 was supplied and forwarded to the administrator for final approval.

17. Contacted the manufacturer of gold plated windows used on Mandalay Bay hotel/casino in Las Vegas and requested samples for use at the Teachers Workshop. Viracon donated a 12" square of 24k gold-plated window glass, as well as a PowerPoint presentation showcasing their manufacturing processes, for use at educational and outreach events.
18. Made edits and updates to "Just Drill It" activity for use at Las Vegas Teachers Workshop. Prepared all materials needed for workshop including classroom, outreach and public safety information. Drove to Las Vegas with Paul. Collected "apache tears" en route for educational giveaways during the Grades 9-12 sessions. Assisted with set-up and tear-down. Worked as classroom coordinator for Grades 9-12 and assisted with various other activities, events and field trips. The workshop was attended by just over 100 educators.
19. Coordinated with Liz Ball (Mackay) and three teachers who missed her presentation to perform work assignments in order to fulfill their PDE credit requirements.

AML / GIS (Paul Buffington)

1. Used the GIS system to research a hazard north of Goldfield.
2. Arranged with Rick Murray (State Lands) to check for AML at the Monte Cristo claims in Seven Mile creek by Virginia City. Printed out color ortho photos and topographic maps of the Monte Cristo site by Virginia City using the GIS system in the NDOM office. Drove out to the Monte Cristo site to check out the condition of the roads and general area. Traveled to the Monte Cristo site. Inspected all of the hazards on the four claims the State of Nevada is considering acquiring by donation. The hazards on the claims all seem to be secured but the exact boundaries of the claims are not known. The area is frequented by people target practicing and there is a great deal of trash lying around. Logged a shaft next to the claims.
3. Traveled out to the old Thompson Smelter site near Wabuska in Lyon County with Mike Visher and logged and secured two hazards and logged two non-hazards.
4. Called Paul Dirksen, Timberline Resources about the title search on Downeyville.
5. Attended a meeting held in the conference room at the Division of Minerals Carson City office. The meeting was concerning the Diana Mine in the Berlin-Ichthyosaur State Park focusing on the safety of people entering the mine. The meeting was attended by representatives of State Parks, Forest Service, BLM, NDEP, State Mine Inspectors, and the Division of Minerals.
6. Went up to the State Mine Inspectors office to discuss a visit to the Diana Mine with Jeff Bixler. Mr Bixler was not in his office so I left a card with the receptionist and requested that Mr. Bixler call me.
7. Composed maps of the Berlin-Ichthyosaur State Park with the hazards and non-hazards from the Division of Minerals database and printed two copies of the maps for State Parks to check for any possible missed or overlooked hazards inside the Park.
8. Contacted Eli Bagley, an Eagle Scout interested in doing a project, and set a date for April 6, 2008 at 12.00pm to complete the recon work on some AML features at Painted Rock.
9. Worked on the 2007 AML Report. Scanned thank you letters received from students we had given minerals presentations. Sorted through photos of backfill projects done in 2007 and picked out some to be used in the Report.
10. Helped interview 17 MacKay School of Mines students for the summer intern positions in the NDOM AML program. Mike, Doug, and I reviewed the applications submitted by the students for the intern positions.
11. Sent an e-mail to Jeryl Gardner confirming that I would attend the NAMLET meeting on May 15, 2008.

12. Sent a short bio and a resume to Debbie Selig for the Southern Nevada teachers' workshop in Las Vegas. The resume is required to prove my experience and ability to teach at the teachers' workshop.
13. Mike Visher and I traveled to Reno to pick up supplies for the Las Vegas Teachers Workshop from the NvMA storage unit. Mike Visher and I drove to Las Vegas hauling down supplies and equipment. Spent the first day in Las Vegas setting up at the Cheyenne School. Hauled all of the supplies and equipment for the workshop into the school and sorted it into the appropriate classrooms. Made up 200 sets of minerals and rock samples to be given to the teachers for use in educating students. Taught three classes on mining and mine safety followed by a bread mining activity for each class. The teachers were divided into groups and were asked to mine their way through a loaf of bread applying ground support and shotcrete to hold the loaf of sliced bread together. This activity was to demonstrate the basic fundamentals of ground support to the teachers. Accompanied required field trips to the Southern Nevada Lightweight rhyolite mine followed by a tour of the Southern Nevada Lightweight block manufacturing facility Tri Delta. Accompanied the teachers and workshop staff on an optional tour of Death Valley. We stopped at the old Ryan borax mine and several other prominent geologic sites in Death Valley. Mike Visher and I drove back to Carson City hauling the supplies and equipment left over from the workshop.

AML / PUBLIC AWARENESS - SOUTH (Bill Durbin)

1. Investigated and ranked one AML hazard in Esmeralda County and two hazards and 8 non-hazards in Clark County.
2. Nevada Conservation Corps Clark County AML crews investigated and ranked 46 hazards and logged 503 non-hazards.
3. Participated in the monthly conference call/progress report for Clark County AML projects on-going under SNPLMA Round 5.
4. Prepared GIS maps for the NCC Clark County AML crews to begin "mop-up" field investigations. The maps show logged hazards and non-hazards not yet investigated.
5. The Las Vegas office received 75 metal T-posts from the Bureau of Reclamation – posts removed during their mine backfill and foam closure operations in Clark County.
6. Conducted reconnaissance visits with Ken Maas (USFS) to AML sites in the Spring Mountain National Recreation Area - Potosi area in Clark County and Mt. Stirling area in southern Nye County, to look at AML sites proposed for permanent closure.
7. Conducted Kody Bryan's Eagle project reconnaissance trip. Kody will secure four hazards west of Nelson on April 26, 2008.
8. Conducted reconnaissance visit to Robert Marder's Eagle project area (#103).
9. Conducted Justin Wall's Eagle project reconnaissance trip. Justin will secure two sites on the Three Kids Mine property east of Henderson.
10. Materials assembled for Jeff Mohlman's Eagle project, scheduled for Saturday, March 29.
11. An Eagle Scout project request was received from Matt Ireland (#106).
12. Presented minerals/commodities, "Birdseed Mining" and AML for 12 children and adults at the Old Las Vegas Mormon Fort Historic Park for their "Hands-On History for Children" monthly program series (one presentation – 12 people).
13. Assisted with a tour of the McCaw School of Mines for the international Society for Teacher Technology and Education group. A total of 33 visitors attended.
14. Facilitated a McCaw School of Mines Foundation board meeting.
15. Debbie Selig worked on upgrading and updating the McCaw School of Mines web site.

16. Las Vegas office staff prepped and copied materials for the Las Vegas teacher workshop, hauled one load of materials to Cheyenne High School, confirmed that all tours for the workshop are a “GO”, assisted with set-up, an estimated 101 teachers attended, conducted activity sessions for grade level 4-5 including “Mineral Detective”, “Rocks and Geology”, AML, “A Paste with a Taste” and the 4-5 group also attended “Operation Chemistry” and “Edible Geology” activity sessions, led the tour of TIMET and McCaw School of Mines and was one of the tour guides/drivers for the post-workshop tour of the Ryan Mine and Death Valley. Debbie Selig organized registration and managed the evaluation and roll forms.
17. Traveled to Tonopah with NvMA Education Committee Chairman Kathy Freeman and Lou Loftin of the Washoe County School District to meet with Tonopah High School principal Al Eiseman and Tonopah Mining Park Foundation chairman Stretch Baker. Both facilities were toured in advance of the summer teacher workshop which will be held July 22-24. There will be sufficient space at the high school for all of our classroom needs and we will have access to the cafeteria, theater and hallway space for the registration tables and displays. The Mining Park offers many educational opportunities.

GEOHERMAL (Christy Morris)

1. ENEL Salt Wells - #65-36 P&A program approved, plugging complete, #64-35, spudded, drilling ahead, TD, rig moved. spud 65-36R, redrill, same pad, program, and permit, spudded, drilling ahead.
2. Gerlach Green - investigating doing a redrill on Gerlach well, suggested sundry notice.
3. Nevada Geothermal Blue Mt. - mobbing onto 58-15, drilling ahead, sundry notice on change in casing program approved, seven injection well permits approved, received two additional injection well applications, sent out for public notice, drilling 3 TG wells.
4. Nevada Geothermal Pumpnickel Valley - approved change in location for TG 9. Application for production well at PV sent for public notice.
5. Ormat Desert Peak - coordinating on cleanout and rework of injection well.
6. Ormat Fireball Ridge – spud 85-31, drilling ahead.
7. Ormat Jersey Valley 18A-27 – drilling ahead, coordinating on flow test and fluid retention program, approved deepening to 3500’
8. Ormat NAS Fallon 82-36 – drilling ahead, requested deepening to 9500’. Casing sufficient and geology stable, approved.
9. Razor Devils Canyon - project area permit completed public notice period. Tonopah FO requested more information, request forwarded to operator.
10. Sierra Geothermal Reese River – rig released, well shut in. Coordinating with drilling contractor/operator on other TG wells, coordinating with BLM SO and Bt Mt FO on drilling applications, mobbing on 88-5, meetings w/ BLM and Sierra Geothermal to discuss permitting, spudded 88-5.
11. Terra-Gen Dixie Valley - received paperwork for change of ownership from Caithness, application for drilling new injection well sent out for public notice.
12. TG Power Tuscarora - received program for new production well, reviewed, approved.
13. Provided information to Stillwater land owner on 1980’s well testing.
14. Provided guidance for domestic well permitting.
15. Letters of support sent to BLM on Rock Hill and Silver Peak geothermal projects.
16. Consensus with BLM on terms and conditions of TG drilling permits.
17. Attended NGC luncheon. Six power generators attended.

OIL AND GAS (Christy Morris)

1. Faskin Oil and Gas - notice of mobbing Badger rig onto Noah 1 well, spudded.
2. Working with PXP to get completion materials for Pluto well.
3. Letter of support to IOGCC on Dept of Labor training program for OG personnel
4. Provided info to NDEP on oil collection and transportation in NV.
5. Received application to drill Makoil East Inselburg.

OTHER (Christy Morris)

1. Attended meeting on Sage Grouse biology.
2. Coordinated with Treasurer on information on allocation of federal lease and royalty funds.
3. Receiving public requests for Mineral and Energy Potential posters for Mineral and Esmeralda County. Will update Lyon. Will include eastern portion of Douglas County which is included in the Mineral and Lyon proposals for Wilderness Areas. Working with NBMG. NDOM has been unable to obtain the Wilderness Coalition proposed areas in GIS format to overlay on the potential posters. Attended public meeting in Smith Valley. Spoke with County Commissioners and Coalition representatives
4. Coordinating with Office of Energy and BLM on question of Carson Lake Geothermal Leases. BLM solicitors review finds leases issued in accordance with regulations.
5. Received final draft of NDOM / NDEP Interagency agreement for geothermal injection well drilling and testing.
6. Coordinating with L.Shevenell on estimate of developable geothermal MW in NV, updating using PPAs, EAs, and other published generation estimates along with the WGA report. Current estimate exceeds 1600 MW.
7. NBMG Cartography group has a first draft of the interactive website for renewable energy up. Minor bugs to work out but the site looks very nice and will be very well received. Demonstration scheduled for next CRM meeting.