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Governor

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ALAN R. COYNER
Administrator

ACTIVITY AND ACHIEVEMENTS FEBRUARY 2013

ADMINISTRATION (ALAN)

1. Appeared before the joint session of the Senate and Assembly Natural Resource Committees. Presented a powerpoint on the activities of the Division. Commissioner Bryan testified concerning the 2011 Exploration Survey conducted by NDOM/NBMG.
2. Met with representatives from JBR concerning permits for Noble Energy.
3. Met with representatives from Noble Energy and NDEP in Carson City.
4. Met with Commissioner Snow and Lowell to discuss a strategy concerning geothermal wells no longer in use.
5. Responded to an inquiry concerning the AML program from the economic geologist for the Idaho Geological Survey.
6. Helped Bill Potts understand his bond increase at the Bovie-Lew project.
7. Provided information concerning 2011 mineral production to the Reno Gazette Journal.
8. Reviewed graphs for the 2011 Major Mines.
9. Worked with the UNR Office of Sponsored Projects to correct the invoices for the NBMG projects supported by the CMR.
10. Provided mining information to Earl Dunn, Northern Nevada Business Weekly.
11. Distributed the CMR resolution concerning the requirement to use FracFocus for all oil and gas wells drilled in Nevada.
12. Received requests for the release of information concerning the Elbana #1 oil well.
13. Discussed disclosure of information concerning Elbana #1 oil well with Lowell and sent a letter to Major Oil placing them in noncompliance.
14. Attended a meeting with representatives of the Attorney General's office concerning the transport of coal by slurry pipeline.
15. Attended the monthly meeting of the Nevada Petroleum and Geothermal Society.
16. Attended the quarterly geothermal meeting at the BLM in Reno.
17. Attended a meeting of the State Environmental Commission.
18. Attended a meeting of the GSN Symposium 2015 committee.
19. Attended the annual meeting of the UNR Center for Research in Economic Geology.
20. Attended the monthly meeting of the Geological Society of Nevada.
21. Facilitated the CMR meeting in Las Vegas.

RECLAMATION BOND POOL (MIKE)

1. Processed bond refunds for Nevada Moray and Golden Oasis.
2. Provided vendor registration information and bond worksheets to General Gold/General Metals, Molycor Gold, and American Goldfields.
3. Worked with Valerie to begin the process of creating a bond pool database in Access.

4. Updated POO disturbance fee tracking spreadsheet and submitted request for additional permit letters to Jane Boomhower (NDEP).
5. Processed bond release for American Goldfields, executed bond rider for General Gold and prepped additional bond documents for General Metals and Gold Standard Ventures.
6. Answered questions from Nevoro Nevada, Calibre Mining, and Federated Commercial Industries regarding bonds, bond amounts, and premium payments in the bond pool.
7. Provided general information and statistics to Leah Gardner (CA – Dept. Of Conservation) in response to her questions regarding the operation of the Statewide Reclamation Performance Bond Pool.
8. Updated Plan of Operations tracking spreadsheet.

MINING, LAND AND OTHER ISSUES (MIKE)

1. Assisted John with the annual report on the Division's AML accomplishments in the Humboldt Toiyabe National Forest.
2. Worked with John to complete the annual report of AML work performed by NDOM on USFS-managed lands within the Humboldt Toiyabe National Forest. Met with Ken Maas and reviewed report and updates on 2013 work plans.
3. Worked on FS invoicing of NDOM AML work in FY13.
4. Communicated with BLM and FS personnel to set up archaeological resource recognition training date in May for staff, summer interns, and contractors.
5. Updated required information for Geotemps and EPS contracts and began work on contract amendments.
6. Reviewed and edited drafts of the 2011 Major Mines publication with Alan and Jack Hursh (NBMG).
7. Completed final review and edits of the 2011 Major Mines publication and requested NBMG print 1,500 copies.
8. Attended information session presented by Noble Energy at NDEP regarding their plans for oil exploration in NE Nevada.
9. Attended an Institute of Management Accountants' presentation on mining in Nevada and provided information to attendees. (1 presentation – 29 people)
10. Attended Nevada Reading Week Conference at North Valleys High School and assisted at the NvMA booth discussing Earth Science workshops, Stay Out, Stay Alive, and importance of mining. (1 presentation – 150 people)
11. Attended NvMA Education Meeting in Reno to plan for upcoming workshops. Updated mineral and rock sample inventory for workshops at shed with Rob.
12. Attended CMR meeting in Las Vegas.

AML / PUBLIC AWARENESS - NORTH (JOHN)

1. Continued to correct mistakes/omissions in the AML database discovered during the compilation efforts for the NDOM AML Humboldt-Toiyabe National Forest 2012 report.
2. Finalized the compilation of the report NDOM has to submit to the USFS regarding NDOM work performed in the Humboldt-Toiyabe National Forest in 2012.
3. Delivered the report NDOM has to submit to the USFS regarding NDOM work performed in the Humboldt-Toiyabe National Forest in 2012 to Ken Maas at his office in Sparks along with Mike. We discussed findings in the report and also talked about 2013 AML work on Forest Service Lands.
4. Met with Ken Maas at his office in Sparks regarding updated maps for the AML HTNF-2012 closures.

5. EPS performed 51 AML revisits in Mineral County, most of which required various repair work. EPS also performed 1 securing.
6. Investigated and ranked 3 AML hazards and logged 5 non-hazards in the Nelson area in Clark County. One hazard was secured with a fence.
7. Delivered the AML 7 ½ minute topo sheets for White Pine County, and Lincoln County to the Nevada Archives to be scanned. Picked up the already scanned maps for Washoe, Douglas, and Lyon Counties.
8. Delivered the AML 7 ½ minute topo sheets for Eureka County, and Lyon County to the Nevada Archives to be scanned. Picked up the already scanned maps for White Pine County, and Lincoln County.
9. Completed the CX request addendum at the Long Mine to the BLM for a hard closure to a hazard identified near the Long Mine in Pershing County, NV.
10. George completed the mail-out of 4th and 7th grade teacher mini-units (2,100) discussing dangers in and around abandoned mines.
11. George also mailed 77,000 abandoned mine brochures to 4th and 7th grade classes.
12. Reviewed the 2013 Summer Intern applications with Valerie, Rachel, and Rob. We determined which candidates to grant interviews with next week.
13. Spent 2 full days interviewing 2013 Summer Intern candidates at UNR along with Valerie, Rachel, and Rob.
14. Valerie, Rachel, Rob, and I reviewed and compared notes from the Summer Intern interviews. We made preliminary picks of our top 12 candidates.
15. Called references for the 2013 Summer Intern candidates.
16. Collected quartz diorite in the Nelson area for teacher workshop rock kits.
17. Attended two NMA education committee meetings in Reno.
18. Attended 2 days of Access 2010 part 1 classes in Reno.
19. Called and e-mailed our top 8 Summer Intern candidates to offer them employment as our 2013 summer interns.
20. Attended the February GSN meeting in Reno
21. Attended the Commission on Mineral Resources quarterly meeting held in Las Vegas.

AML / GIS (RACHEL)

1. Attended the education committee meeting at the Nevada Mining Association in Reno. Plans for the upcoming Las Vegas Teacher's Workshop were discussed.
2. Compiled shapefiles and completed maps showing the work completed on Forest Service land in 2012 for the USFS Year End Report. Continued work as needed on revising the shapefiles and maps for the report.
3. Finished putting together a packet of AML work to be completed in the Mina area by EPS. Sent Brian Breiter the shapefiles for the sites in question.
4. Completed routine database QA/QC and added photos to the photos archive.
5. Completed maps and charts for the upcoming CMR meeting in Las Vegas. Revised information in the database and finished the topo quad priority map in order to see the areas of interest for summer field work.
6. Continued working on data received from Jason Williams with NDOW regarding new hazards logged. Compared photos to determine which hazards had been previously logged by NDOM and which ones were new loggings.
7. Compiled photos and hazard ID sheets for Brian Breiter. EPS will be conducting field work in the Mina area in the coming weeks.

8. Traveled to Las Vegas with Rob to meet with Debbie and Bill in the Las Vegas office. Installed new ArcMap software on the GIS computer in the office and transferred new photos from Las Vegas that will be added to the archives in Carson City.
9. Worked with Debbie and reviewed the editing process and software used to update the NDOM website. Learned the different ways to update the site and how to upload new documents to it. Explored different software options for the website with Debbie.
10. Reviewed all applications received for the summer internship with Valerie, Rob and John. Compiled a list of qualified applicants to interview. Valerie sent the completed list to Katia Albright (Mackay – Student Retention) and will be informing the students that they may sign up for an interview in the following week.
11. Conducted interviews with Valerie, Rob, and John in order to find up to 8 qualified students for our summer internship. Interviewed a total of 25 students at UNR and one student from Western Nevada Community College.
12. Reviewed all qualified applicants with Valerie, Rob and John in order to identify our top choices and some back up choices for the internship.
13. Spoke with Katia Albright and Elizabeth Ball (UNR - Mackay) regarding the students that we have chosen to be interns. This was done in order to determine if there were any noticeable conflicts at school that we were unaware of. Referred this information to Valerie, John and Rob so that we could make a more educated decision regarding the summer interns.
14. Continued working on the tentative schedule for the summer interns. Located and identified several areas that need securing work, logging work, and revisit work. Incorporated these areas into the schedule.
15. Attended classroom presentations with Valerie and Linda at Pinion Elementary in Douglas County. A total of 3 presentations were made to 90 4th grade students. The presentations were on the AML program and rocks and minerals. (3 presentations – 90 people).
16. Went to the shed with Rob in order to load the truck in preparation for our trip to Las Vegas. Prepped granite samples to take down before the Teachers Workshop.
17. Attended the CMR meeting in Las Vegas.

AML / GIS (ROB)

1. Provided AML hazard information and created maps for claimants upon response to the December 2012 reminder mail out.
2. Updated the AML Hazard database with information provided by claimants AML Hazard securing's.
3. Created roughly 175 7.5' NAD 83 Topographic Quadrangle maps for Nye and Mineral.
4. Started printing and cutting all 7.5' NAD 83 Clark County Topographic Quadrangle maps for all maps with AML hazards and non-hazards.
5. Provided AML hazard information and created maps for claimants upon response to the December 2012 reminder mail out.
6. Updated the AML Hazard database with information provided by claimants AML Hazard securing's.
7. Created roughly 50 7.5' NAD 83 Topographic Quadrangle maps for Nye and Mineral.
8. Finished printing and cutting all 7.5' NAD 83 Topographic Quadrangle maps for Clark, Southern Nye, and Esmeralda counties maps with AML hazards and non-hazards.
9. Created roughly 25 7.5' NAD 83 Topographic Quadrangle maps for Lincoln County.
10. Finished printing and cutting all 7.5' NAD 83 Topographic Quadrangle maps for Lincoln county maps with AML hazards and non-hazards.

11. Compiled sample hazard inventory sheets and created five NAD 83 7.5' Topographic Quadrangle maps in Pershing County for the BLM to perform AML training.
12. Created roughly 20 7.5' NAD 83 Topographic Quadrangle maps for White Pine County.
13. Demonstrated how to use the new NAD83 topographic map template to Debbie.
14. Transferred and correlated AML data between the Las Vegas office and Carson office.
15. Performed interviews with Rachel, Valerie, and John at UNR for NDOM's summer intern program.
16. Attended the NvMA teacher's workshop meeting with Rachel and John.
17. Prepped Granite samples for the Las Vegas teacher's workshop with Rachel Wearne.
18. Compiled and packed necessary equipment for the Commission Meeting in Las Vegas.
19. Attended training (16 hour) and received certification for Microsoft Access Level 1.
20. Drove to and from Las Vegas bringing supplies for the CMR meeting and the March Las Vegas Teachers Workshop.
21. Attended quarterly CMR meeting in Las Vegas.

AML / PUBLIC AWARENESS - SOUTH (BILL)

1. Attended NvMA education committee meeting – Reno. Finalizing plans for Las Vegas workshop scheduled for March 25-27, 2013.
2. Conducting AML database search for unsecured hazards in Clark County for Scout projects.
3. AML claim ownership research – Clark County assessor, recorder and LR2000 records.
4. Visited the Grapevine Springs adit (NY-2088) with Chris Ross and Las Vegas and Pahrump BLM personnel. BLM in process of purchasing patented claim adit is on. Adit measured for culvert gate.
5. Re-visited four AML sites near the Congress Mine in Nye County. Fences installed in 2001 by the Gold Searchers of Southern Nevada found to be in perfect condition.
6. Received and recorded documentation and photographs of 10 foam/concrete/rock closures completed by Jeff Herrera on patented claims in the Goodsprings District, Clark County.
7. Conducted AML claim research for Clark and White Pine County sites.
8. Shaft call. An unsecured shaft located on the west side of Las Vegas was called in to BLM by the husband of a local citizen. Investigated by Bill Durbin and Lorri Dee Dukes (BLM LVDO). Coordinates the citizen provided led to nothing. The woman who found the shaft is out of town until March 5. Once she returns, she will call and arrange to show us the location.
9. Investigated and ranked 3 AML hazards, logged 5 non-hazards and fenced one hazard in the Nelson area, Clark County.
10. Assembled materials for the Seth Stewart and Alexander Barlow Eagle Scout projects scheduled for Saturday, February 9.
11. Completed Seth Stewart (#156) and Alexander Barlow (#163) Eagle Scout AML securing projects. Each Scout secured 5 mine openings for a total of 10 securings completed at an extensive room and pillar gypsum mine southeast of Glendale, Clark County, Nevada.
12. Received three new requests for Eagle Scout projects from Sergio Lopez, Jonathan Walker and Caden Marshall.
13. Completed Tyler Reed (#157) and James Reed (#162) Eagle Scout AML securing projects. Tyler secured 4 mine openings and James secured 6 at an extensive room and pillar gypsum mine southeast of Glendale, Clark County, Nevada.

14. Assembling collection of mineral specimens for Clark County Science Olympiad requested by a local high school teacher/science coordinator.
15. AML presentation made at a monthly meeting of the Gold Searchers of Southern Nevada attended by 90 members and guests.
16. Completed formal tour request letters for the Las Vegas teacher workshop tours scheduled for Wednesday, March 27.
17. Collected sandstone and limestone in the Goodsprings area for teacher workshop rock kits.
18. Participated in an NvMA Education Committee meeting via conference call. Final meeting before the Las Vegas workshop scheduled for March 26 and 27. Set-up day will be Monday, March 25.
19. Collected quartz diorite in the Nelson area for teacher workshop rock kits.
20. Sent formal tour request letters for the Las Vegas teacher workshop tours scheduled for Wednesday, March 27.
21. Attended McCaw School of Mines Foundation Board meeting. The annual fund-raiser golf tournament and Gala will be held on April 5 and 6. The Gala will be held at the Henderson Convention Center.
22. Attended retirement gathering for Joel Mur – Las Vegas BLM Reclamation and Compliance Specialist. Joel has notified the Las Vegas office of numerous unsecured AML sites in Clark County over the years and has coordinated numerous AML site cleanups including the Treasure Hawk site in Gold Butte. He has been a strong ally of the AML program in Southern Nevada.
23. Presentation on GPS/GIS use and AML at the February monthly meeting of the Nye Gold Seekers prospector's club – Pahrump (one presentation – 50 people).
24. Attended the Commission on Mineral Resources quarterly meeting held in Las Vegas. Reported on AML and public outreach/education activities for the Las Vegas office.

GEOHERMAL (LOWELL)

1. Reviewed Brady Power Partners (Ormat Nevada) sundry notice to perform injection tests on the Brady 15-12 production well. Received UIC approval in January 2012. Received BLM notification of approval. Alan approved.
2. Reviewed ORNI 39's (Ormat Nevada) sundry notice for a drilling program change in the McGinness Hills 22-10 observation well. The well is proposed to be drilled to 5,000 feet in total depth rather than the originally permitted total depth of 4,000 feet. Alan approved.
3. Reviewed Ormat Nevada's sundry notice to perform an injection test in the Desert Peak 27-15 production well. Received UIC approval. Alan approved.
4. Reviewed Terra-Gen's sundry notice to fish out lost wireline and tools, run sinker bar, conduct pressure and temperature surveys, and winterize well in the Dixie Valley 36-14 production well. Waiting on BLM approval.
5. Reviewed Terra-Gen's summary of the condition of legacy wells in Dixie Valley. Survey of wells was performed by Stephen Pye, a consulting petroleum engineer.
6. Reviewed Ormat Nevada's sundry notice on casing repairs that had been performed on the Steamboat 35-28 production well. Alan approved.
7. Reviewed ORNI 39's (Ormat Nevada) sundry notice and procedure to plug and abandon the McGinness Hills 22-10 observation well due to unrecoverable fish in the well, skid rig, and drill the 22A-10 observation well utilizing same drilling program. Received BLM notification of approval. Alan approved.

8. Reviewed ORNI 32's (Ormat Nevada) permit application and drilling program for the Dixie Hope 11-17 observation well. The proposed total depth is 4,000 feet.
9. Wells drilling: Gradient Resources Patua 21-28 ST1 production well; Gradient Resources Patua 78-20 injection well (1,630', drilling); Gradient Resources Patua 38(51-28)-21 production well (5,127'; fishing); Gradient Resources Patua 23-17 ST1 production well (8,329, directionally drilling sidetrack); ORNI 39 McGinness Hills 22-10 observation well (514', plugged and abandoned); ORNI 39 McGinness Hills 22A-10 observation well (115', drilling); Rockwood Lithium 47-24 observation well.

OIL AND GAS (LOWELL)

1. Reviewed Andromeda Oil's sundry notice to put the Tomera Ranch 6X on production. The well will produce from the Indian Well Formation. Alan approved.
2. Reviewed Makoil's sundry notice to plug back the Portuguese Mountain 14A-10 due to hole deviation. Received BLM approval. Alan approved.
3. Reviewed Kirkwood Oil & Gas / Wesco Operating sundry notice and procedure to plug and abandon the Eagle Springs 81-35 injection well. Received UIC approval. Received BLM approval. Alan approved.
4. Reviewed the Bestoso Oil & Gas Inc. ARC 1 permit application and drilling program. The well is proposed to be drilled in White River Valley to a total depth of 14,000 feet. The location of the well is NW4 SE4 Section 20, T5N, R6E.
5. Reviewed Makoil's sundry notice to change casing and cementing program in the Portuguese Mountain 14A-12. Received BLM notification of approval. Alan approved.
6. Reviewed Makoil's request to extend the Munson Ranch 12-23X permit to 3/23/2015. The permit was set to expire on 3/23/2013. Alan approved.
7. Reviewed Makoil's sundry notice to change drilling program in the Portuguese Mountain 14A-12. Received BLM notification of approval. Alan approved.
8. Reviewed Makoil's informational sundry notice to indicating actual cement used for 4.5" casing versus what was proposed in the Portuguese Mountain 14A-12. Alan approved.
9. Drilling/Completion: Makoil Portuguese Mountain 14A-12; Major Oil Eblana.

MEETINGS/MISCELLANEOUS

1. Attended the BLM – Geothermal meeting at the BLM State Office in Reno. Doug Hollett, Director – Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy, gave a presentation pertaining to the geothermal exploration and production throughout the West, as well as Enhanced Geothermal Systems (EGS).
2. Alan and I met with Ben Veach, Doug Koza, and Rich Hoops of JBR Environmental to discuss what is needed for Noble Energy to permit oil wells with the Division of Minerals.
3. Continued preparing for my Nevada Petroleum and Geothermal Society PowerPoint presentation on February 7th.
4. Prepared my PowerPoint presentation on Nevada's 2012 and historical oil production, field by field, current and upcoming oil exploration, and the hydraulic fracturing process to Nevada Petroleum and Geothermal Society. The PowerPoint presentation was given to the society on February 7th.
5. Alan and I met with the Attorney General's Office to discuss coal slurry pipelines.
6. Attended the Commission of Mineral Resources quarterly meeting in Las Vegas.