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ALAN R. COYNER
Administrator

ACTIVITY AND ACHIEVEMENTS
AUGUST 2012

ADMINISTRATION (ALAN)

1. Met with BLM representatives concerning the Bond Pool MOU.
2. Revisited AML sites in Mineral Co. near Masonic and Aurora.
3. Interviewed two candidates for the AML position.
4. Contacted candidates for the AML Chief position with follow-up questions.
5. Spoke with a candidate from Elko concerning the AML Chief position.
6. John Penton accepted the position of Chief of Abandoned Mine Lands program. His tentative start date is September 17.
7. Mike and I created and distributed the GIS/Field Specialist job announcement.
8. Reviewed resumes for the GIS/Field Specialist position.
9. Discussed mining opportunities in Nevada with Rutt Premsrirut of Lippo Industries.
10. Discussed with Ron Hess the lack of analytical lab facilities at NBMG due to budget cutbacks.
11. Determined awards for the 2012 Excellence in Mine Reclamation Awards. Notified the winners. Provided speaking script for the Awards Luncheon to Commissioner Bryan.
12. Met with Ryan McGuiness of the Governor's Office in Washington D.C. to discuss mining issues and the Western Governors Association membership.
13. Met with Rich Perry of the State Water Engineers Office.
14. Provided claim filings totals to Tom Erwin.
15. Arranged for the scanning of the large maps in the 4th Ward School historical collection by NBMG.
16. Met with Commissioner Snow, Lowell, and Mike Paque of the Ground Water Protection Council to discuss a RBDMS installation for geothermal data from Nevada.
17. Participated in the monthly conference call for the IOGCC Steering Committee.
18. Facilitated the CMR field trip to Yerington to Nevada Copper and Quaterra and the CMR meeting in Carson City, and the luncheon with the summer interns.
19. Conveyed information to the Mackay Marigold Royalty Committee.
20. Attended a meeting of the NBMG Advisory Board.
21. Prepared and submitted final version of the FY14/FY15 budget to the Administration with significant help from Linda, Valerie, and Debbie.

RECLAMATION BOND POOL (MIKE)

1. Executed bond increases for TNT Ventures, Nevada Rae Paradigm Minerals, Renaissance Exploration and bond releases for Renaissance and Midway Gold.
2. Prepared for new bond with Paradigm Minerals, provided packet to Enviroscientists.
3. Provided current bond information to auditors for Bravo Alaska and Renaissance.

Dennis Bryan; *Small-Scale Mining and Prospecting*
Richard DeLong; *Large-Scale Mining*
Johnny Stout; *Oil and Gas*

Commission on Mineral Resources
Fred D. Gibson, Jr., Chairman; General Public

John Mudge; *Large-Scale Mining*
David Parker; *Exploration and Development*
John H. Snow; *Geothermal Resources*

4. Prepped bond paperwork for one with Renaissance and another with Paradigm to be executed by Alan, while I was in the field.
5. Provided answers to geologist Bill Cohan regarding bonding options for plan-level operations.
6. Spoke with Taurus Massey (Quaterra) and Joel Hartmann (BLM-CC) regarding pending bond release and incorrect notice number referenced on BLM Decision Letter. A new letter will be issued.
7. Met with Lacy Trapp and Elaine Guenaga (BLM-NSO) for a conference call with BLM attorney Amy Aufdemberge to discuss the current draft of the bond pool MOU.
8. Requested information from Lacy Trapp on percentage of notice-level bonds in Nevada held through Nevada Reclamation Performance Bond Pool. Of the 499 current bonds, 142 (28%) are with the Bond Pool.
9. Reconciled bond pool financials and submitted Q4 FY12 worksheet to State Controllers' office. Performed final fiscal year-end bond pool reconciliation and issue report to Eric Scheetz (Controller's Office).

MINING, LAND AND OTHER ISSUES (MIKE)

1. Researched information for property owner of historic mine in Esmeralda County and forwarded literature and maps via email.
2. Worked with Alan to create GIS/Field Specialist job announcement and send out via GSN and Nevada GIS users group.
3. Assisted claimant Steve Houston with claim recording issues at Humboldt County Recorder's office. Provided additional filing procedure information to Recorder's office for future reference.
4. Worked with Debbie to begin creating fill-in capable mining claim documents on our website to facilitate completion by claimants.
5. Spoke with interested mining investor Laurent Mastey (New York) who was looking for information on mining properties for sale or other investment opportunities in Nevada.
6. Attended CMR field trip to Nevada Copper's Pumpkin Hollow property and Quaterra's Yerington and MacArthur projects.
7. Spoke with Lois Ports (Bristlecone Audubon) regarding vendor registration requirements and expectations from the CMR approved grant to them to fund plastic claim post pulling efforts. She will complete the registration in the next week and then we will work on a set of deliverables to be fulfilled by the grant.
8. Contacted Dave Cook at Moltan regarding several missing Annual Status and Production Reports. He submitted one for 2011 and will work on those for prior years.
9. Attended CMR meeting in Carson City.
10. Assisted Alan and Linda with FY14-15 budgets.
11. Assisted Alan with Excellence in Mine Reclamation Award plaque designs and wording.

AML / PUBLIC AWARENESS - NORTH (MIKE)

1. Participated in staff interviews of two candidates for AML Chief position.
2. Spoke with references for two candidates for the AML Chief position.
3. Reviewed resumes with Rachel from ten applicants to the GIS/Field Specialist position. Five were chosen for interviews and are scheduled for first week of September.

4. Delivered AML sign and PUF samples to Chris Ross for consideration of their usage in certain applications.
5. Reviewed arson video footage at AML sites for San Mateo County Sheriff's department and determined with assistance from BLM biologist Chris Ross that the site is most likely not in Nevada but rather in the Mojave Desert of southern California at a mine site with 1950's- 1960's era mining, with moderate production of lead, silver, or zinc. This information was forwarded to Detective Dan Hoss along with contact information for State of California AML personnel Sarah Reeves and Jon Mistchenko..
6. Researched ownership and contact information for property owners in Humboldt County which NDOW is seeking permission from to install bat gates at AML sites.
7. Created packet of maps, photos and AML hazard info for Jenni Jeffers (NDOW) for bat survey work at AML sites in Douglas, Lyon, Storey and Washoe counties.
8. Worked with Geotemps to resolve inconsistencies in pay rate for Jeff Herrera (Hergon) conducting work in Lincoln County.
9. Met with biologist Jenni Jeffers (NDOW) to show her and her intern eight AML features in Washoe County requiring external surveys for bat habitat assessment. Four of the eight were surveyed that night; the remaining four will be surveyed in the near future.
10. Conducted research on AML hazards located on claims being auctioned on eBay by Gold Rush Expeditions. Several have not been inventoried. Prepared maps and location information for EPS to log sites while in Ely area performing securing work in the next two weeks.
11. Assisted interns in Ely with towing services and notified Sahara Motors (Ely) on incoming truck for repair. The alternator on the 2005 Dodge went out, fortunately on the highway 20 miles north of Ely.
12. Arranged extrication assistance to summer interns who got a truck stuck on east side of central Toiyabe Range. Contacted Tinker Evans (recently retired from Kinross) who was able to put me in touch with local outdoorsman Jim Stahl who came to the assistance of the interns. The truck was retrieved without incident or injury.
13. Along with summer interns and Rachel, I met with RGJ reporter Lenita Powers and photographer Marilyn Newton in Virginia City to conduct interviews and discuss AML Program and intern program.
14. Investigated 12 sites with Jenni Jeffers in Pershing County for hard closure potential and options.
15. Forwarded a claimant's request for placement of the new NDOM warning signs at sites in Pershing and Mineral counties to Chris Ross (BLM-NSO).
16. Met with contractor Brian Breiter to review completed work in Mineral County and plan for upcoming work in White Pine County.
17. The summer interns completed their final week, logging and securing hazards in Storey and Lyon counties and cleaning trucks and office work space.
18. Continued work on 2011 AML Report. All numeric work accomplishment, graphs and charts completed.
19. Met with scout Zac Newman to review and sign his completed Eagle Project workbook.
20. Provided answers to inquiries from two Boy Scout troop leaders inquiring about project availability.

AML / GIS (RACHEL)

1. Completed routine backups of all data on external hard drives.
2. Reviewed the work completed by the summer interns during the previous weeks (July 30 – August 8). Flagged mistakes as needed and submitted to the interns to fix.
3. Completed maps and assembled information for the interns to finish planning for the final week in the field. The last field week (August 13 - 17) will be spent east and southeast of Austin where several securings and revisits need to be addressed.
4. Addressed information collected by the interns in previous weeks and flagged corrections needing to be made as needed. Uploaded non-hazard data from the interns to the non-hazard database.
5. Completed updated maps showing the securing work and logging work needing to be addressed in the Virginia City area for the interns during their optional field week.
6. Received GIS data from Barrick showing their claims and properties throughout the state. Queried our database to show all known hazards and non-hazards on and within a half mile of Barrick properties. Also included in the query were any mining features that had not been investigated yet. This information was sent to Barrick so they could begin inventorying hazards on their claims. They will be logging new hazards and sending the information to us for any site that we have not been to. Hazard and non-hazard inventory forms were sent as well as our AML FAQ sheet so they could log and rank hazards.
7. Completed a request from Russ Jones with Barrick for field work that he will be conducting in the Mill Canyon area North of Cortez. Provided maps and AML data for review in the area.
8. Attended the Southwestern Partnership of Abandoned Mine Land Programs in Santa Fe, NM. Toured an area that had been secured with bat gates as AML reclamation sites.
9. Received closures from Ken Mass with the Forest Service documenting closures completed in the Santa Rosa Range. Added photos to the archive and updated the database to show the securing work completed.
10. Compiled a dataset showing hazards in the vicinity of Coeur Rochester and Pershing Quicksilver Mine that have been gated for Jason Williams with NDOW.
11. Met Chris Ross at the Combination Shaft in Virginia City to locate and conduct repairs on hazards in the area. Repaired three previously secured features and logged new non hazards.
12. Received AML work completed by EPS. Reviewed photos submitted and added them to the archive. Reviewed forms submitted on the digital pen – approved data and added to the database as needed.
13. Compiled maps and data for EPS. EPS will be conducting work in the Snake Range east of Ely in the coming weeks. Several unsecured hazards will be addressed and new logging will be completed in the area.
14. Reviewed information submitted by GRG. Sent an email requesting additional photos that were missing from the data set provided.
15. Received information on potentially new hazards investigated by Ken Maas. Assigned new numbers to two hazards in Elko County and three hazards in White Pine County. Added the new information and photos to the database.
16. Created a quiz to assess map making skills of the applicants for the GIS/Field Specialist position. Worked through the quiz to find errors and revise as needed.
17. Attended the CMR meeting and field trip to Pumpkin Hollow and the Yerington Pit.

AML / PUBLIC AWARENESS - SOUTH (BILL)

1. Conducted AML claim research for sites in Clark, Lincoln and Nye Counties.
2. Prepped maps, hazard inventory sheets and photos for Lincoln County AML site re-visits to be conducted by Jeff Herrera.
3. Received two unsolicited AML re-securings from Greenfield Environmental Multistate Trust LLC (propertied formerly owned by Kerr McGee/Tronox) for new fencing completed in the Pioche area, Lincoln County.
4. Logged in data and photos for Jeff Herrera's AML re-visits in Lincoln County.
5. Logged in 8 White Pine County AML securings received from claim owner.
6. Logged in two new AML hazards in Lincoln County – secured by owner.
7. Conducted updated AML claim research for the Sandquist and Searchlight M&M mines north of Searchlight as requested by BLM NSO. The area is on BLM and proposed for surface clean-up of old mobile home bodies and junk. There are 14 logged AML hazards in the area, one backfilled by BOR in 2008, the others are currently fenced. The fenced hazards will be incorporated into a list of Clark County sites proposed for future permanent closure.
8. Participated in the bi-monthly progress report conference call for the BLM/ACOE/BOR AML closure projects – Lincoln and White Pine Counties. The BOR crew completed 15 closures in Lincoln County (SNPLMA Round 7 funding) in the past 1 ½ weeks.
9. Worked on 2011 AML report.
10. Met with staff from the Clark County Real Property Management department for an update on the proposed Arden Mine closure project.
11. Coordination underway with Brian Breiter and Ted Fay of Gold Creek Films to set a date for PUF closure of the Mizpah air shaft at the Tonopah Mining Park.
12. Prepared and sent an Eagle Scout project package to Dillon Meeks (#160).
13. Las Vegas staff participated in the annual Festival in the Pines event at the Kyle Canyon Ski and Snowboard Park, Mt. Charleston. Displays of Nevada minerals and commodities and AML and other Division handout materials were available. An estimated 250-300 people visited the display (one presentation – 300 people).
14. Participated by conference call in an NvMA Education Committee meeting. Overview and critique of the summer workshop; reviewed teacher evaluations. Initial planning for the 2013 Las Vegas workshop which will be held March 25 through 27, 2013.
15. Participated in a conference call interview with a candidate for the AML Chief position.
16. Attended CMR meeting – Carson City. Presented Southern Nevada Education, Public Awareness and AML.
17. Assisted with setting up new bank accounts for the McCaw School of Mines Foundation.
18. Informed this week that Gordon McCaw Elementary School principal Jackie Walker is transferring to Kesterson Elementary School in Henderson effective September 4. She has been a very strong supporter of the McCaw School of Mines. A new principal for Gordon McCaw School has not yet been named.

GEOTHERMAL (LOWELL)

1. Reviewed ORNI 15 LLC's permit application and drilling program for the Jersey Valley 15-27 slim hole injection well. Proposed total depth is 4,200 feet. Received notification and approval from UIC and the BLM. Alan approved.

2. Reviewed Nevada Geothermal's sundry notice to extend the Blue Mountain 53-15 injection well permit to September 25, 2013. Alan approved.
3. Reviewed Nevada Geothermal's sundry notice to extend the Pumpernickel Valley 64-4 observation well permit to August 10, 2013. Alan approved.
4. Reviewed Nevada Geothermal's sundry notice to extend the Pumpernickel Valley 58-33 observation well permit to August 10, 2013. Alan approved.
5. Reviewed Magma Energy's sundry notice and procedure to replace the pump in the Soda Lake 84A-33 production well. Alan approved.
6. Reviewed Ormat Nevada's sundry notices to perform mechanical integrity testing on the Steamboat 35-28, 36-28, 45-28, 46-28, 84-29, 85-29, 64A-32, 42-32, and 23-33 injection wells. Received notification of approval from Russ land, UIC, for the testing procedures. Alan approved.
7. Reviewed ORNI 47's permit application and drilling program for the Wild Rose 24-23 observation well. The proposed total depth is 1,000 feet. The proposed location is on a BLM lease. Waiting on BLM notification of approval.
8. Reviewed ORNI 15's (Ormat Nevada) sundry notice for a change in drilling program for the Jersey Valley 15-27 injection well. Alan approved.
9. Reviewed Ormat Nevada's permit applications and drilling programs for four temperature gradient holes (TG 46-18, 55-18, 74-19, and 52-30) at Agua Quieta, along western base of the Stillwater Range, northeast of the Stillwater Field. The four temperature gradient holes are proposed to be drilled to 1,000 feet. Alan approved.
10. Reviewed ORNI 43's Tungsten Mountain 14-23 observation well permit application and drilling program. The proposed total depth is 4,500 feet. Mike approved.
11. Reviewed Nevada Geothermal Power's sundry notices to plug and abandon the TG-5 and TG-13 temperature gradient holes at Blue Mountain. Mike approved.
12. Wells drilling: ORNI 32 Dixie Hope TG 22B-8 temperature gradient hole; HSS II Tuscarora 65C-8 production well; ORNI 43 Wild Rose 54A-11 production well; ORNI 32 Dixie Hope TG 86-7 temperature gradient hole; ORNI 43 Wild Rose 65-11 production well (mobing in, beginning to rig up); Jersey Valley 15-27 injection well (mobing in rig).

OIL AND GAS (LOWELL)

1. Continued reviewing the Department of Interior/BLM proposed hydraulic fracturing rules.
2. Reviewed Wesco Operating Company's sundry notice to fish out production tubing and stuck rod pump in the Eagle Springs 13-36 injection well. The tubing and pump are to be replaced.
3. Reviewed Gary Borgna's revised drilling program for the re-entry and deepening of the plugged and abandoned Reis Federal 36-1 well. The well will be renamed the MB-1/Reis Federal 36-1. The well is to be deepened to 5,000 feet from its existing 4,117 foot total depth. The well location is between Stillwater and Salt Wells (closer to Stillwater), east of Fallon. The permit application came without a signed second page by the operator. Waiting on the signed second page before reviewing with Alan or Mike for approval.
4. Continued reviewing the Department of Interior/BLM proposed hydraulic fracturing rules. Numerous duplications of regulations already in place by Nevada and other States.

5. Reviewed Major Oil's proposed well cleanout and testing program for the Eblana 1 well in Hot Creek Valley. Requested more information related to the testing program from Major Oil.
6. Reviewed additional information provided by Major Oil related to their proposed testing program in the Eblana 1 well in Hot Creek Valley. BLM has requested additional information from Major Oil's contractors for testing program.
7. Reviewed Andromeda Oil's Tomera Ranch #8 permit application and drilling program. Well is proposed to be drilled to 2,300 feet.
8. Drilling/Completion: Tomera Ranch #4; Major Oil still plans on starting their testing program on Eblana 1 in September. Currently repairing access road. A Riley Paige completion/workover rig will be utilized for the testing program.

OTHER (LOWELL)

1. Alan, John, and I met with Mike Paque of the Ground Water Protection Council (GWPC) concerning the use of the Risk Based Data Management System (RBDMS). The software utilizes a Microsoft Access database, where it can store all data pertaining to wells, as well as allow operators to submit permitting information and data over the internet. Well profiles and location maps can also be generated through the software. GWPC is attempting to get the BLM to utilize their software, seeing how most producing States are using it. NDOM would not be charged for setting up the system, but in time would have to pay for the use of the software, such as leasing fees.
2. Began reviewing Governor Sandoval's Greater Sage Grouse Advisory Committee Final Report and associated maps.
3. Attended the Nevada Joint Military Affairs Committee (NJMAC) meeting in Fallon on Tuesday, August 14th.
4. Alan and I attended the Ground Water Protection Council's (GWPC) webinar illustrating the actual use of their Risk Based Data Management System software on Wednesday, August 15th. Examples from Colorado and Nebraska were used.
5. Attended the Commission on Mineral Resources field trip to Nevada Copper's Pumpkin Hollow mine site, and to Quaterra's Yerington and MacArthur project sites on Thursday, August 16th.
6. Attended the Commission on Mineral Resources quarterly meeting on Friday, August 17th.