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ALAN R. COYNER
Administrator

ACTIVITY AND ACHIEVEMENTS FEBRUARY 2012

ADMINISTRATION (ALAN)

1. Responded to Commissioner Parker's inquiry concerning bird mortalities from hollow pipe plastic mining claim markers.
2. Coordinated with Lowell and Commissioner Snow concerning a response to Governor Sandoval's Washington Office about hydraulic fracturing.
3. Assisted representatives from the History Channel concerning mining operations in the Las Vegas area.
4. Met with Eric Scheetz of the Controller's Office concerning the Bond Pool.
5. Planned itinerary, finalized the Commission packets for the CMR meeting in Las Vegas.
6. Completed review of the Mineral Industries 2010 for the NBMG.
7. Drafted a letter for Commissioner Snow concerning the sharing of the federal geothermal rents and royalties with the county of origin.
8. Visited abandoned mine sites near Ludwig which is near Yerington.
9. Visited AML sites associated with the Bluestone Mine near Yerington.
10. Attended the dedication of the Nevada Copper Pumpkin Hollow mine near Yerington.
11. Attended a meeting of the State Environmental Commission in Reno.
12. Attended the appeal hearing of the Comstock Mining reclamation plan before an appeal panel of the State Environmental Commission.
13. Participated in the monthly meeting of the IOGCC Steering Committee.
14. Submitted work programs for additional financial authority to implement special projects with NBMG and Audubon Society and provide funding for the new Field Specialist.
15. Received and reviewed resumes for the Chief of Abandoned Mine Lands position and hired Pete Herrera as the new Chief.

RECLAMATION BOND POOL (MIKE)

1. Processed new notice-level bonds for Gold Standard Ventures, Sniper Resources, and Global Silica.
2. Processed bond increase for Global Silica's White Rock project.
3. Processed reductions for New World Resources, Gold Summit Corp and Global Silica.
4. Processed full release of Art Wilson's bond deposit for the Adam's Claim Mine reclamation bond.
5. Worked with Linda to update the Bond Pool financial reports.
6. Met with Eric Scheetz (Controller's Office) to review bonding processes and internal controls needed to satisfy their office.
7. Updated Bond Pool Status Report to reflect percentage of wholeness on Plan-level bonds.

8. Worked with Lacy Trapp (BLM-NSO) to resolve older and outstanding bond obligation issues for Nevada Moray's Davis project. Will need to send out invoice requesting payments for past due premiums not previously invoiced.
9. Continued working to resolve older "problem children" bond pool accounts.

MINING, LAND AND OTHER ISSUES (MIKE)

1. Assisted patent owner Ellen Blair with information on patents and water rights. Sent her maps of patent application and original surveys.
2. Answered questions from Colorado-based company looking to come to Nevada to re-process abandoned mine tailings.
3. Answered questions from claimant Byron Arnusson regarding location procedures relative to association placer claims and subsequent lode claims.
4. Doug Siple (BLM-NSO) requested information on 2010 Au, Ag, and Cu production in Nevada on federally-managed lands as a percentage of the total production. Data from the Annual Status and Production Reports submitted to NDOM was queried and a spreadsheet provided to him.
5. Conducted research and provide mine registry information for relative of recently deceased Clark County mine operator.
6. Conducted research for Taxation on various small mining operations without listed production.
7. Changes to the mine registry and Annual Status and Production Report forms were completed and updated on website. Letters will begin going out to all mine operators next week.
8. Worked with George to update list of mine operations for Annual Status and Production Reports for industrial minerals mail-out.
9. Communicated with biologists Ali Chaney (Natural Heritage) and Christy Klinger and Pete Bradley (NDOW) regarding plastic mining claim post removal programs and solicit information for upcoming CMR meeting.
10. Reviewed Nuance software proposal from Xerox with Orion Bobo (IT – B&I) to determine need and viability for agencies.
11. Completed required Defensive Driving refresher course.

AML / PUBLIC AWARENESS - NORTH (MIKE)

1. Review field work and plans with contractor Brian Breiter who is conducting inventory and securing work along the I-80 corridor between Fernley and Lovelock. Brian and crew conducted 22 revisits/repairs, logged two new hazards and 25 non-hazards in Churchill County. EPS also logged eight new hazards, 170 non-hazards and performed 70 revisits/repairs in Pershing and Churchill counties along the I-80 corridor.
2. Met with Lynn Ruward (UNR) and conducted a site visit of the Burrus property to discuss closure and signage options available to the University. Worked on Right-of-Entry document to perform AML securing work on University-owned lands in Washoe County. ROE sent to Pat Martinez (UNR Real Estate) for review and signatures.
3. Discuss ROE document with Pat Martinez and Russ Fields (UNR) and provided additional attachments to aid in obtaining their approval to perform securing work at Burrus property.

4. Received hard closure documentation from Jason Ringenberg (FS) regarding work he performed on behalf of the BLM in NE Nevada.
5. Reviewed reports and video of 2002 internal survey work conducted by bat biologist Rick Sherwin on hazards in Goodsprings mining district. Re-processed video and produced copies for NDOW-LV and NDOM-LV offices.
6. Contractor Dustin White completed field inventory of AML features around Walker Lake as well as on adjacent tribal lands.
7. Hired additional student as contractor through Geotemps, Kate Schnoor. With GIS certification, she is processing unsolicited inventory and securing work shapefiles we have received from NPS (Death Valley) and GRG (Yerington).
8. Database entry of recently received securing work done by BLM in 2011.
9. Provided additional information to Jen Budge (Washoe County Parks) to assist with her ROE document preparation for closure work proposed by NDOM on their Red Hill parcel.
10. Jason Williams (NDOW-Ely) reported a full box of 1957-vintage dynamite found while conducting underground bat surveys in the Snake Range. Coordinates and pictures were forwarded to Bill, who will coordinate with Jason, White Pine County Sheriff and property owners.
11. Met with Linda Wimberley (GRG Resources) regarding inventory and securing work she has conducted on their properties west of Yerington. She provided digital data including shapefiles and photographs documenting their work. The data will be reviewed and entered into the database by Geotemps contractor Kate Schnoor.
12. Communicated with Whitney Whirthlin (BLM-Elko) to get completed list of 2011 closure work in her district. She provided a CD with photos and list of closure dates.
13. Summer intern interviews were conducted at the NDOM-CC office and at UNR. George, Valerie, Rachel and I participated in the interviews of 30 students. The recruitment closes on February 24th. Reviewed pool of intern candidates with Rachel, George and Valerie. Developed list of top tier candidates and began checking references.
14. George completed the mail-out to schools of the 4th and 8th-grade mini-units (2,052) discussing the dangers in and around abandoned mines. 78,500 AML brochures were also mailed out to every 4th- and 8th grade class in Nevada.
15. Stay Out, Stay Alive informational materials were sent to Martha Braddock (BLM-Ely) for use in her outreach efforts.
16. Answered questions from WSJ reporter regarding Nevada's AML program.

AML / GIS (RACHEL)

1. Began querying the database in order to locate any mistakes and discrepancies that exist in data collected and entered in 2011. This was completed in order to assess the accuracy of our records so that the year-end report can begin to be worked on. Addressed several records where dates had been entered incorrectly or information to missing.
2. Received securing information and questions regarding securing of hazards from several claimants. Updated our records to show that sites had been secured or that claimants were planning on addressing any hazards.
3. Received new information from GeoTemps Contractors Brian Breiter and Dustin White regarding newly logged or secured hazards. Downloaded the data from the Capturx pens and added the information to our database. Organized and uploaded photos for the sites

- logged and secured. Uploaded GPS units with information for the following work week. Reviewed all information and noted any discrepancies.
4. Worked on assessing hazards in Northern Douglas County that may be on land being deeded back to Douglas County from the BLM. No hazards were found to be on parcels designated for disposal, but some features were found to be very close (hazards at the Monarch Mine). Since there is a chance these parcels will be converted into parks once deeded to the County, the hazards that are nearby will need to be addressed.
 5. Backed up all external drives and added the AML photos taken in January to the photo archive.
 6. Attended the Education Committee meeting at the Nevada Mining Association. Preparations for the upcoming teacher's workshop were discussed.
 7. Discussed the upcoming interviews with Katia Albright at Mackay. She has been working closely with me in order to set up the interviews for the Summer Intern program.
 8. Interviewed a Western Nevada College student who was interested in the Summer Intern Program. Spoke with her later in the day regarding the potential for part time employment through GeoTemps. She appears to have the skill set we are looking for to help us with data entry and securing information received. She is also familiar with LR 2000 which will greatly help with sending out notification letters to the correct claimants.
 9. Compiled information regarding the data set received from Death Valley National Park so that GeoTemps contractor Kate Schnoor could begin work assessing the information received. Trained Kate on entering hazard information into our database and recording the same information on our paper forms.
 10. Completed the maps showing the distribution of newly logged, secured and revisited hazards statewide for the upcoming commission meeting. For this quarter (11/2/2011 – 2/15/2012), a total of 187 hazards were secured, 85 new hazards and 517 non-hazards were logged, and 259 sites were revisited.
 11. Reviewed aerial photos and NAIP imagery for an area of Peavine Mountain where two new hazards were discovered. These hazards were not on the topographic maps and the region was assessed to determine the distribution of other disturbances and hazards not annotated on the topographic maps. This data set will be added to our field maps and ground checked when the weather improves.
 12. Received a request for information regarding sites located outside of Eureka. The UTM's for these sites were incorrect in both the database and on the paper copies of the hazard ID sheets. Worked to resolve this issue.
 13. Worked with GeoTemps contractor Dustin White on entering newly collected information into our database and uploading photos. Additional work will need to be completed in order to finish updating our records.
 14. Traveled to the storage unit with Mike Visher to inventory rocks and minerals for the upcoming teacher's workshop in Las Vegas.
 15. Received new hazard and non-hazard information logged and compiled by contractors working for GRG near Yerington. Worked on assessing the information provided and converting the data from latitude/longitude to UTM. Briefly reviewed the dataset to provide GeoTemps contractor Kate Schnoor with necessary information.
 16. Geotagged several photos of abandoned mine land features that will be visited during the field trip with the Commission. Uploaded these photos along with hazard ID numbers to the new Garmin Montana.

17. Compiled the necessary data that will need to be included on flash drives for the upcoming teacher's workshop in Las Vegas. Worked on creating new activities for a session in map reading and abandoned mine lands.
18. Traveled to Pinion Hills Elementary School in Douglas County with Linda Wells and Valerie Kneefel to teach sessions on Abandoned Mine Lands/Stay out and Stay Alive and rocks and minerals. A total of three hour and fifteen minute long presentations were taught to a total of 75 students (~25 in each class). These presentations were a part of Comstock Days at the elementary school (3 presentations – 75 people).

AML / PUBLIC AWARENESS - SOUTH (BILL)

1. Participated in the bi-monthly progress report conference calls for the BLM/ACOE/BOR AML closure projects – Northern Nevada, Lincoln and White Pine Counties.
2. Secured one AML hazard and logged in four non-hazards in Clark County.
3. Logging in data and photographs of re-visit and re-securing work performed under the southern Nevada AML re-visit contract.
4. Data and photograph entry for work performed during December 2011 and January 2012 by Clark County AML site re-visit/re-securing contractor.
5. Conducted Nathan Bashaw's Eagle Scout project reconnaissance site visit (Scout #153). Five AML hazards will be secured south of Nelson, Clark County.
6. Contacted local mining companies and Cashman Equipment to confirm tours for the 2012 Las Vegas teacher workshop. Post workshop tour to Mercator Mineral Park Mine, Arizona confirmed.
7. Attended a meeting of the Henderson City Council for special recognition of the McCaw School of Mines Foundation Board, volunteers and Mighty Miner student tour guides.
8. AML presentation made to the Nye Gold Seekers prospector's club, Pahrump, for 80 members and guests.
9. Attended the Nevada Joint Military Affairs Committee (NJMAC) meeting at the Las Vegas BLM office.
10. Attended Nevada Mining Association Education Committee meeting in Reno. Final planning for the Las Vegas workshop.
11. Prepping minerals and rocks for the Las Vegas teacher workshop. Completed feldspar, magnesite, gypsum, calcite, copper ore, rhyolite, basalt, diorite, sandstone, limestone, quartzite and marble.
12. Collected and prepped quartzite, barite, schist and gneiss for future teacher workshop rock kits.
13. Picked up a truckload of rock and mineral specimens donated for educational purposes by a recreational collector in Mesquite, Nevada. The rocks and minerals will be divided between the Division's education programs, McCaw School of Mines and teacher workshops.
14. Presented an overview of mining and AML to 25 junior and senior high school students in the advanced placement (AP) environmental science class at Advanced Technologies Academy – Las Vegas.
15. Asked for new McCaw School of Mines adult docents at the Southern Nevada Section meeting of the GSN. Four individuals expressed interest.
16. Prepared materials and logistics for the Commission on Mineral Resources meeting and field trip.

GEOHERMAL (LOWELL)

1. Reviewed ORNI 15 LLC's (Ormat Nevada) sundry notice to plug and abandon the Jersey Valley 18A-27 injection well. Received BLM notification of approval. Reviewed P&A procedure with Russ Land, UIC. Alan approved.
2. Reviewed HSS II's (Ormat Nevada) Tuscarora 65C-8 well permit application and drilling program. Proposed total depth is 5,045 feet. Alan approved.
3. Reviewed Enel Stillwater's sundry notice to pull the pump from the 51-30 production well, refurbish pump, and place pump in the new 23A-29 production well. The 51-30 production well will be shut-in, but will be used if needed (i.e. another production well is out of commission, temporarily or permanently). Alan approved.
4. Reviewed Enel Stillwater's sundry notice to perform cellar and conductor/surface casing repairs for the 21-31 injection well. Cellar and conductor/casing being repaired as per Russ Land's instructions for upcoming MIT testing. Alan approved.
5. Wells drilling: Gradient Resources Patua 85-19 ST1 production well; Ormat McGinness Hills 36A-10; US Geothermal San Emidio OW-9 observation well.
6. Reviewed US Geothermal's sundry notice to suspend drilling on the San Emidio OB-9 observation well. Alan approved.
7. Reviewed US Geothermal's sundry notice to move the San Emidio drill location 400 feet to the east. Alan approved.
8. Reviewed Magma Energy's sundry notice to survey the Soda Lake 41B-33 well. Alan approved.
9. Reviewed Nevada Geothermal Power's sundry notices to run tracer tests on three injection wells at Blue Mountain. NGP had previously worked out approvals from Russ Land for the tracers. Alan approved.
10. Reviewed ORNI 47 LLC's (Ormat Nevada) Wild Rose 54A-11 production well permit application and drilling program. The proposed total depth is 1,500 feet. Received notification of approval from the BLM. Alan approved.
11. Reviewed ORNI 47 LLC's (Ormat Nevada) Wild Rose 62-11 production well permit application and drilling program. The proposed total depth is 1,500 feet. Received notification of approval from the BLM. Alan approved.
12. Reviewed ORNI 47 LLC's (Ormat Nevada) Wild Rose 12A-12 production well permit application and drilling program. The proposed total depth is 2,000 feet. Received notification of approval from the BLM. Alan approved.
13. Reviewed Brady Power Partners sundry notice to work-over the Brady 15-12 production well. Waiting on BLM notification of approval.
14. Reviewed Brady Power Partners sundry notice to perform a well stimulation on the Brady 15-12 production well. Russ Land reviewed and approved. Waiting on BLM notification of approval.
15. Wells drilling: Gradient Resources Patua 85-19 ST1 production well; Ormat McGinness Hills 36A-10 production well; US Geothermal San Emidio OW-10 observation well.
16. Reviewed ORNI 47 LLC's (Ormat Nevada) Wild Rose 65-11 production well permit application and drilling program. The proposed total depth is 1,800 feet. Received notification of approval from the BLM. Alan approved.
17. Reviewed US Geothermal's sundry notice to deepen the San Emidio OB-10 observation well from 3,000 to 4,200 feet. Alan approved.

18. Reviewed Nevada Geothermal's sundry notice to convert the Blue Mountain 44-14 production well to an injection well. Russ Land is reviewing the request to add to UIC permit.
19. Wells drilling: Gradient Resources Patua 85-19 ST1 production well; HSS II Tuscarora 65C-8 production well; US Geothermal San Emidio OW-10 observation well.

OIL AND GAS (LOWELL)

1. Reviewed Tetuan Resources' sundry notice to change drilling program. Received BLM notification of approval. Alan approved.
2. Drilling/Completion: Andromeda Oil Tomera Ranch #3; Tetuan Resources Marys River 34-26; HBF Exploration Charity #2.
3. Reviewed Tetuan Resources' sundry notice to extend the original 7,500 foot permitted total depth to 8,250 feet. Received BLM notification of approval. Alan approved.
4. Reviewed Berry Petroleum's transfer of ownership forms to Kirkwood Oil & Gas LLC for Berry Petroleum's wells in the Eagle Springs Field (23 wells), Ghost Ranch Field (3 wells), North Willow Creek Field (2 wells), and the Sand Dune Field (1 well). Waiting for notification from the BLM bonding is in place for the wells prior to moving forward for approval at NDOM.
5. Drilling/Completion: Andromeda Oil Tomera Ranch #3; Tetuan Resources Marys River 34-26; HBF Exploration Charity #2.
6. Reviewed Tetuan Resources' proposal to plug and abandon the Marys River 34-26 well near Wells if logging does not show any zones of interest.
7. Drilling/Completion: Andromeda Oil Tomera Ranch #3; Tetuan Resources Marys River 34-26; HBF Exploration Charity #2 (operations have terminated).
8. Reviewed Tetuan Resources' sundry notice to plug and abandon the Marys River 34-26 well near Wells. Received BLM's notification of approval. Alan approved.
9. Drilling/Completion: Andromeda Oil Tomera Ranch #3; Tetuan Resources Marys River 34-26 (plugged and abandoned, rigging down).

OTHER (LOWELL)

1. Attended the Nevada Petroleum Society meeting on Thursday, February 2nd. Discussed oil, gas, and geothermal production and exploration with the group.
2. Attended the Nevada Joint Military Affairs Committee meeting in Las Vegas on February 7th. Updates for renewable energy efforts associated with the various military bases in Nevada and the potential impacts sage grouse habitat may have on renewable energy were discussed.
3. Attended Geothermal Explorations 'Webinar'.
4. Met Colton Dudley, UNR Geological Engineer Major, at Patua, where Virgil Welch arranged a tour of RocketDrill 3 for Colton and me.