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ALAN R. COYNER
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ACTIVITY AND ACHIEVEMENTS

May 2009

ADMINISTRATION (ALAN)

1. Attended an AML meeting with Mike Visher and BLM representatives in Winnemucca.
2. The final press release for 2008 production was prepared and then delayed pending review by the CMR.
3. Chaired the Bango Oil appeal for the State Environmental Commission in Carson City.
4. Met with the corporate guarantee review panel and reviewed presentations by Newmont and Barrick relative to the amounts of corporate guarantee utilized for reclamation financial assurance purposes. The recommendation was to allow the corporate guarantee amounts to remain at their current percentages.
5. Spoke with NDEP concerning Ireland, Inc. project at Columbus Salt Marsh.
6. Attended a geothermal coordination meeting with industry representatives and the BLM at the Nugget in Sparks.
7. Facilitated the CMR meeting at the NBMG GBSSL in Reno.
8. Attended with Commissioners Gibson, Parratt, Mudge, and Bryan the Mackay Executive Advisory Board meeting at UNR.
9. Attended with Commissioners Parratt, DeLong, Mudge, Bryan, and Snow the Mackay awards banquet at UNR.
10. Traveled to Anchorage, AK and beyond to the Teck Red Dog mine near Kotzebue, AK to study reclamation issues and Teck's approach to native peoples. Grounded in ice fog for 3 days at the Red Dog mine north of the Arctic Circle.
11. Attended IOGCC meeting in Anchorage, Alaska.
12. Led the High School Mining Field Trip to Newmont's Twin Creeks mine. 43 students attended and received AML presentation on bus (one presentation – 43 people).
13. Led three sessions of "Gold and Silver Minerals" for three fourth grade classes at Jerry Whitehead Elementary School in Sparks (3 presentations – 75 people).
14. Led a lunch field trip for third graders from Jerry Whitehead elementary to Shadow Mountain to observe rocks and minerals (one presentation – 75 people).
15. Welcomed the summer interns to state employment.

RECLAMATION BOND POOL (DOUG)

1. Initiated a partial refund for Western Energy Development Corporation.
2. Reviewed a press release put out by GoldSpring regarding Plum Mining's reserves.
3. Sent bond pool invoices for those on June premium schedules as well as the participants on a quarterly schedule.
4. Initiated a bond reduction for Golden Odyssey.
5. Spoke with Dave Wolfe of Walker Lane Gold about a notice level bond release.

MINING, LAND AND OTHER ISSUES (DOUG)

1. Testified before the Assembly Natural Resources, Agriculture and Mining Committee on S.B. 108, the bill regarding hollow plastic claim posts.
2. Wrote a follow up letter to Assemblyman Carpenter regarding S.B. 108.
3. Wrote up a draft press release regarding Nevada's 2008 mineral production.
4. Approved a sundry for Terra-Gen at Dixie Valley, 2 permits and 2 sundries for Vulcan, 2 permits and 3 sundries for Enel, and one sundry for Ormat. Approved 4 sundry notices: An Ormat pump replacement, an Enel recementing, an NGP deepening, and an NGP second leg kick-off. Approved 2 project area permits for Magma.
5. Sent the updated L-6, list of permits required in Nevada before mining or milling can begin to Debbie for final formatting.
6. Attended the CMR meeting at the GBSSL in Reno.
7. Spoke with Jeff Barrow of the Mineral County Economic Development Authority about mining activity in the Mineral County area.
8. Made up a certificate for an Eagle Scout.
9. Attended the agency's budget closing before the Senate Finance Committee. The meeting was adjourned prior to hearing NDOM's budget. Attended the budget closing on another day. Our budget was closed.
10. Experienced an incident regarding "spyware" which popped up on my computer and said it had detected various viruses. It turns out "spyware" was the virus, which took some time to get rid of.
11. The Board of Examiners approved the AML re-visit contract.
12. Responded to several mining fraud cases, involving dore bars, mines in Chile, etc.
13. Responded to Bob Nylen of the Nevada State Museum about turquoise mines in Nevada.
14. Made up an Eagle Scout certificate for one of Bill's projects.
15. Spent the week with Mike, Paul, and the Interns in the field. We worked in the Winnemucca vicinity.
16. Helped a claimant with filling out a certificate of location.
17. Spoke with Arloa Woolford about GoldSpring and rock samples.

AML / PUBLIC AWARENESS - NORTH (MIKE)

1. Claimant John Urses called to discuss the notification letter he received and the securing requirements for hazards on his claims in White Pine County. Securing diagrams and several signs were mailed to assist his efforts.
2. Securing contractor, Dave Rowe called to inform us of his work on Winnemucca Mountain for a couple of clients. Pictures will be emailed to verify compliance.
3. Prepared a tracking spreadsheet for our Geotemps invoices and expenses to better estimate the available field days remaining on the contract. As of May 1, there were an estimated 5.3 field man-days remaining.
4. Performed re-visits on seven AML sites at the Cassidy Mine, in the Black Rock NCA, en route to an AML meeting with staff from the Winnemucca District Office (WDO). Along with Alan, presented the procedures and status of the Division's AML program. A map, prepared by Paul, was shown which detailed the locations of previous inventory work and potential work within the district. The shapefiles for this map were requested and subsequently emailed to their GIS specialist. Two large file drawers of paperwork, slides, sketches and maps from AML inventory work conducted by the WDO in the early 1990's exists and is available for our use at their office. It will take considerable effort and some money, but translating this wealth of data into our database would go a long ways toward a complete inventory of mine features for this region.

5. Claimant Leo Mercy (Cal Portland) called to discuss securing requirements for their hazards in White Pine County after receiving our notification letter. They expect to have all hazards secured by the end of the month.
6. Geotemps contractor Ken Wilson completed his field work under the existing contract. These two most recent Geotemps, Inc. contracts, totaling \$100k, paid for the inventory of 345 hazards, 1,620 non-hazards, repairs/revisits to 45, and the securing of 112 hazards in nine counties. Ken will finish out the contract by doing office work for 4.5 days. He began amending file names of the recent scans from our AML slide archive and copying ID sheets to be used by Environmental Protection Services (EPS) as part of the proposed fence revisit and repair contract. This \$30,000 contract is awaiting approval by the Board of Examiners on May 12th.
7. Created spreadsheet of previously secured hazards requiring a revisit and potential repair by EPS within the greater Reno-Carson urban interface; there are approximately 800 hazards available for this project.
8. Sent an email detailing NDOM GIS accomplishments and upcoming projects to Holly Smith (GIS - State Lands) for presentation at the Statewide Mapping and Advisory Committee (SMAC) meeting.
9. Melissa Brito (Barrick) called to inform us of their intent to do repair and remediation work on several AML hazards at the Bullfrog Mine, including several backfilled shafts experiencing minor subsidence.
10. Several phone discussions were held with claimant Roger Hall to clarify some misunderstandings regarding notification letters he has received and securing documentation still pending.
11. The contract to Environmental Protection Services (EPS) was approved by the Board of Examiners. Initial work packages for Storey, Carson City and Washoe counties were provided to EPS. Fence repair and construction materials were purchased by NDOM and provided to EPS for use during the performance of this contract.
12. Claimant and property owner Daryl Gertler received assistance with “Warning” signage and quitclaim notices for claims in White Pine County.
13. Fulfilled a request from the NAAMLMP membership for a summary of recent experiences with federal agencies regarding ARRA monies and coordination with state AML programs.
14. Communicated with Teri Smith (State Purchasing) regarding evaluation procedures and protocol for bat gating RFP. Packages from nine contractors were received and must be evaluated by May 21st. Worked as one of four evaluators on the State’s RFP for Bat Gate Construction. The technical portions of the proposals from nine contractors were evaluated and scored using strict guidelines provided by State Purchasing. A meeting with the other evaluators (all NDOW biologists) and State Purchasing is scheduled for next week to discuss the technical scoring, rate the cost proposals and determine which contractors will be pursued by Purchasing for contract negotiations. Upon approval by BOE, State agencies will then be able to expedite contracted bat gate work. Minor additional review and comments were provided to State Purchasing regarding the bat gating RFP.
15. Worked with 3 biologists from NDOW and State Purchasing to evaluate the bat gating RFP. A meeting was held at Purchasing where proposals from nine vendors were evaluated, discussed and scored. Recommendations of the committee will be pursued, with the intent of creating a list of 4-5 contracted vendors, for a two-year period, from which agencies can select for bat gating and AML hazard mitigation.

16. An email was sent to all the summer interns detailing anticipated activities for their first three weeks, beginning May 18th. All anticipated field, safety, and vehicle equipment, as well as inventory and securing materials, needed for the summer intern program are being acquired and should be available for their use by their start date.
17. Our eight interns began their summer employment. Most of the week was spent on new-hire training, paperwork, orientation, AML protocols and work practices. A half-day archaeological resource recognition class was presented by Susan McCabe (BLM-CC), followed by hazard inventory training at Silver City and Virginia City. Additional AML training, including a navigational exercise and fence construction, was conducted in Lyon County east of Yerington.
18. An entire week was spent working with the interns in the field in Humboldt County. Doug, Paul and I split up with a different pair of interns each day, while our returnee from last year, Jason Henderson, paired off with the remaining intern. To assist with our field efforts, we visited with Mark Gingrich (BLM-Winnemucca) who provided us with access to, and copies of, their internal AML inventory files (generated in the mid-90's). Inventory work was conducted by the interns on Winnemucca Mountain, with emphasis on regions proximal to a proposed hiking/biking trail system. Additional inventory and securing work was conducted in the northwestern portion of the Sonoma Range, with an emphasis on the Bloody Shins trail system and western canyons receiving high visitation. In all, for the shortened week, 32 hazards and 389 non-hazards were inventoried, 4 sites secured and 29 previously logged (but last visited in the early-'90's) sites re-visited almost exclusively in Humboldt County.
19. Communicated with Linda Manning (NPS-Death Valley) regarding summer employment opportunities for Mackey students doing AML inventory work in Death Valley. Specific job and contact information was forwarded to Leslie Rumph for dissemination to Mackey students who may be interested.
20. Attended the monthly NvMA Education Meeting where a review and critique of the LV workshop was discussed and plans were made regarding activities and tours for the northern Nevada workshop in July to be held at Bishop Manogue High School, which hosted this meeting.
21. Delivered 50 pairs of rock and mineral kit boxes to UNR for use in this summer's NESSI Workshop (NBMG/UNR).
22. Provided two Rocks/Minerals/AML presentations to 60 4th-graders at Spanish Springs Elementary School, Sparks. (2 presentations – 63 people)
23. Paul and I attended the annual Nevada GIS conference and spoke with a number of state, industry, and vendor attendees regarding GIS applications/techniques applicable to our AML program.
24. Received a request via NvMA for "Paste with a Taste" activity presentations at a private school in Reno in July.

AML / GIS (PAUL)

1. Assisted Mike Visher with preparing the Geotemp contractors for their next ten day hitch in the field. Supplied them with maps and paperwork needed for the job. Reviewed the maps with them and discussed the areas to be visited.
2. Received a request from the Winnemucca BLM field office for our database hazards found within their boundaries. Clipped the NDOM database using the shape file of the BLM districts provided to us by the BLM. E-mailed the clipped shape files to the Winnemucca field office.

3. Worked on maps to assist contractors with revisits for the AML revisit program.
4. Received a call from Ken Maas with the USFS requesting a map of the Boyd Canyon area. Used ArcGIS to construct the map for Ken and sent it to him via email.
5. Worked on maps and materials for revisit program to start in the month of May.
6. Mike Visher and I met with the revisit program contractor Brian Breiter to discuss what was needed for the program and how best to supply the contractors.
7. Called and left a message for Ken Maas with the USFS to discuss problems with coordinates and information provided to us on a bat gate project the USFS finished.
8. Received an email from Brooks Wilson with the BLM office in Winnemucca, containing shape files of the trail system on BLM land in the Bloody Shin Mountains and of a proposed bike trail on Winnemucca Mountain just out of Winnemucca, NV.
9. Attended the Education Committee meeting at the Bishop Manogue HS in Reno.
10. Accompanied Alan Coyner and Lowell Price. Gave three Stay Out and Stay Alive presentations at Jerry Whitehead Elementary (3 presentations – 75 people).
11. Attended the quarterly CMR meeting in Reno.

AML / PUBLIC AWARENESS - SOUTH (BILL)

1. Two days in the field with Ken Maas visiting Forest Service AML sites proposed for permanent closure – Spring Mountains – Lucky Strike Mine complex, Ada Mine – Lee Canyon area and Potosi Mine area. Evaluation of logistics, travel times and road conditions. Openings measured for bat gates or PUF plugs.
2. Work on Clark County AML claim research including updated information on ownership of the Mountain Vista Mine claim group (room and pillar sandstone mines – 31 hazards) in southwest Las Vegas.
3. Request for an Eagle Scout AML securing project (Clark County) received from Hunter Rawson (#127).
4. Completed Justin Myhre's Eagle Scout AML securing project. Two re-opened backfilled adits were closed with polyurethane foam and rock – Arden Quarries area, Clark County. Justin is our 118th Scout and his is the 103rd completed Scout project.
5. Presented AML at a meeting of Boy Scout Troop 462 attended by 20 Scouts and adults. A "tailgate" safety meeting was held for Scouts and adults who will participate in Matt Ireland's Eagle project on May 9 (Scout #106). (1 presentation – 20 people) Assembled materials for Matt Ireland's Eagle Scout project. Completed Matt Ireland's Eagle Scout project. Three hazards were secured in the Lucy Gray Mountains area southeast of Primm, Clark County. This is the 102nd completed Scout project.
6. Conducted Taylor Jenkins' Eagle project reconnaissance site visit (Scout #121).
7. Moving materials from NvMA and NDOM 10' by 10' storage units to new 10' by 20' storage unit.
8. Las Vegas office staff attended an NvMA Education Committee meeting to plan for Northern Nevada teacher workshop (July 14-16).
9. Presented Southern Nevada Education/Public Awareness and AML reports for the Commission on Mineral Resources meeting in Reno.
10. Work on Power Point presentation on AML and McCaw School of Mines for the Las Vegas Gem and Mineral Society (scheduled for Monday, May 4, 2009).
11. Attended Goodsprings Pioneer Days/Old Timers Reunion events (2 days). AML display set up and manned and answered questions regarding potential AML safety and liability impacts created by the proposed Yellow Pine Rail Trail. Met claimants with unresolved AML site issues – discussions and possible solutions. (one presentation – 60 people).

12. Combined AML/McCaw School of Mines Power Point presentation made at the May meeting of the Las Vegas Gem and Mineral Society. (1 presentation - 45 people).
13. Attended McCaw School of Mines Foundation Gala at the Fiesta Henderson Hotel/Casino.
14. Made 12 “Careers in the Geological Sciences” and AML presentations to 3rd through 6th grade and 2 classes for grade levels 9 and 12 at Innovations International Charter School of Nevada – Las Vegas. (12 presentations - 330 students)
15. Assisted with tour of the McCaw School of Mines. 30 4th grade students from Linda Givens Elementary School – Las Vegas (one presentation – 30 people).
16. Las Vegas office staff conducted classroom activity sessions and AML for 4 students at Goodsprings Elementary School (one presentation – 4 people).
17. Minerals and their uses, “Birdseed Mining” and AML for 4 classes of 3rd graders at Sue Morrow Elementary School in Henderson (two presentations - 100 students).
18. Prep for Justin Myhre’s Eagle Scout project, PUF closure of two adits at Arden Quarries, Clark County. Project scheduled for May 23.
19. Minerals and their uses, “Birdseed Mining” and AML for 3 classes of 3rd graders at Sue Morrow Elementary School in Henderson (3 presentations - 75 students).
20. Attended a teacher consultation meeting at Gordon McCaw Elementary School. The meeting was called by Sandy Miller for a review of curriculum and hands-on activities that are proposed for incorporation into the McCaw School of Mines tours beginning in the 2010 school year.

GEOHERMAL (LOWELL)

1. Informed Richard Weber, JBR Environmental in Elko, that HSS II LLC is not considered a legal entity in Nevada due to officers of company not being registered with the Secretary of State office. Informed Mr. Weber that before transfer of ownership from TG Power LLC to HSS II, the problem needs correction and all wells will have to be bonded.
2. Reviewed Enel North America’s sundry notice to move IW-6 (52-36) to IW-10 (61-36), and move IW-8 (45-23) to IW-12 (33-25). Reviewed changes in drilling programs for IW-10 and IW-12.
3. Reviewed Terra-Gen Dixie Valley’s sundry notice to re-classify the 27-32 injection well to an observation well. Coordinated with Russ Land, using Russ’ suggestions for disconnecting flow line from well head, and change in sign to indicate the well is not to be used for injection or production. Doug approved.
4. Reviewed Vulcan Power’s Carson Lake Basin 11-12 observation well permit application with Doug. Doug approved.
5. Reviewed Vulcan Power’s Carson Lake Basin 14-1 observation well permit application with Doug. Doug approved.
6. Reviewed Ormat Nevada’s sundry notice for “chemical stimulation” of the Desert Peak Desert Peak 27-15 production well. Forwarded all pertinent information to Russ Land for his review and comments. Also began coordination review of this procedure with John Menghini of the BLM.
7. Met with Ken Bonin, Vulcan Power Company. Discussed upcoming drilling activities at Carson Lake Basin (Salt Wells) and Patua (Hazen area).
8. Upon receiving sundry notice to sidetrack Nevada Geothermal Power’s 61-22 well, I called and talked with Kim Niggemann and Bill Rickard about their proposal. Informed John Menghini, BLM, of the urgency for review and probable approval for this operation. Reviewed sundry with Alan. Alan approved.

9. Wells drilling: Vulcan Power Salt Wells 34-33 (5,021'; running 9.625" casing); Vulcan Power Company TGH 1-10 (810'); Vulcan Power Patua 33-23 (5,487', core rig); Vulcan Power Patua 77-19 (7,830'); Nevada Geothermal Power BM 57-15 sidetrack (drilled to 6,545', ran injection tests; plugged back original hole to 4,143', kick off sidetrack, currently drilling at 6,026'; rigging down, completed injection tests); Nevada Geothermal Power BM 61-22 (6,318'; preparing to sidetrack); Ormat Nevada Jersey Valley 77-28 (3,704'; preparing to flow test).
10. Corresponded with Ben Pike of HSS II LLC concerning bonding of the TG Power wells that HSS II LLC is acquiring. Mr. Pike wants to put up a Statewide \$50,000 cash bond and wanted wire transfer instructions. Coordinated sending Mr. Pike instructions for a wire transfer with Wanda.
11. Reviewed Ormat Nevada's sundry notice to repair/replace pump in the Steamboat 16-28 well. Alan approved.
12. Reviewed Vulcan Power's sundry notices for casing size changes (increase in casing size) in the Patua 23-17 and Patua 21-19 production wells, yet to be drilled. Doug approved.
13. Reviewed Nevada Geothermal Power's sundry notice to change the 58B (52-22)-15 injection well to 58B-15 due to change in programmed well path not entering their BLM lease from the private lease spud point (change in drilling program from 6,00' TD to 2,00' TD). Action on this sundry notice has been put on hold due to Nevada Geothermal wanting to drill 61A-22 instead, still in permitting process (waiting on BLM's approval).
14. Reviewed Nevada Geothermal Power's sundry to move the Blue Mountain 76-10 permitted injection well location to 61A-22, along with the drilling program being changed to a 2,000' TD versus a previous 6,000' TD for 76-10. Waiting on BLM approval.
15. Reviewed Vulcan Power's Patua 68-21 production well permit application. Well is to be drilled to 10,000'. Doug approved.
16. Reviewed Vulcan Power's Patua 82-27 production well permit application. Well is to be drilled to 10,000'. Doug approved.
17. Reviewed Enel North America's sundry notice to move their Salt Wells IW-6 (52-36) injection well to IW-10 (61-36). Doug approved.
18. Reviewed Enel North America's sundry notice to move their Salt Wells IW-8 (45-23) injection well to IW-12 (33-25). Doug approved.
19. Traveled to Carson Lake Basin and Patua visiting the CLB 34-33, CLB TGH1-10, and Patua 77-19 drilling locations.
20. Reviewed Ormat Nevada's sundry notice to move their McGinness Hills 21-15 observation hole to a new 38-10 location. Waiting on BLM approval.
21. Wells drilling: Vulcan Power Carson Lake Basin 34-33 (6,120'); Vulcan Power Carson Lake Basin TGH 1-10 (1,000', TD); Vulcan Power Carson Lake Basin TGH 14-1 (50'); Vulcan Power Patua 33-23 (5,817', core rig); Vulcan Power Patua 77-19 (7,954'); Nevada Geothermal Power BM 61-22 ST1 (5,184'); Ormat Nevada Jersey Valley 77-28 (3,704'; flow testing).
22. Reviewed Enel North America's sundry notice to repair/replace pump in the Stillwater 62A-30 well. Doug approved.
23. Reviewed Ormat Nevada's sundry notice to move the McGinness Hills 1-15 observation well to the 38-10 location. Doug approved.
24. Reviewed Ormat Nevada's sundry notice to replace pump in the Brady 27-1 production well. Doug approved.

25. Reviewed Enel North America's sundry notice to replace cement around surface conductor pipe in the Stillwater 45-30 production well. Doug approved.
26. Reviewed Nevada Geothermal Power's sundry notice to deepen the 61-22 sidetrack 1 well bore from 6,000' to 6,500'. Doug approved.
27. Reviewed Nevada Geothermal Power's sundry notice to plug 61-22 sidetrack 1 and drill 61-22 sidetrack 2. Doug approved.
28. Reviewed Magma Energy's Soda Lake Project Area after 30 day public notice. Doug approved.
29. Reviewed Magma Energy's Soda Lake 41B-33 permit application for a production well. Doug approved.
30. Reviewed Magma Energy's Soda Lake 45A-33 permit application for a production well. Doug approved.
31. Traveled to Carson Lake Basin and Patua visiting Vulcan Power's CLB 34-33, CLB TGH 14-1, Patua 33-23 drilling locations, as well as Magma Energy's 45A-33 drilling location.
32. Reviewed Ormat Nevada's sundry notice to move their McGinness Hills 21-15 observation hole to a new 38-10 location. Waiting on BLM approval.
33. Wells drilling: Vulcan Power Carson Lake Basin 34-33 (9,172'); Vulcan Power Carson Lake Basin 14-1 observation well(1,358', TD); Vulcan Power Carson Lake Basin TGH 1-11 (487'); Vulcan Power Patua 33-23 (6,437', core rig); Vulcan Power Patua 77-19 (8,441'; rigging down); Nevada Geothermal Power BM 61-22 ST1 (6,371'; setting cement plug on bottom of sidetrack); Ormat Nevada McGinness Hills 38-10 observation well (mobilizing rig from jersey Valley 77-28 observation hole location after completion of flow tests).
34. Reviewed Ormat Nevada's sundry notice to utilize an acid stimulation program in the Desert Peak 27-15 production well with Alan. Alan approved.
35. Witnessed Magma Energy's Soda Lake 45A-33 20" surface casing BOP tests on May 20th. All tests went very well.
36. Reviewed Ormat Nevada's five temperature gradient permit applications on McGinness Hills private leases with Alan. Alan approved.
37. Reviewed Ormat Nevada's twenty five temperature gradient hole permit applications for McGinness Hills, located on BLM leases. Waiting on approval notification from BLM.
38. Reviewed Vulcan Power's TGH 76-9 permit application (1,000') with Alan. Alan approved.
39. Wells drilling: Vulcan Power Carson Lake Basin 34-33 (10,000'; flow test and log); Vulcan Power Carson Lake Basin 14-1 observation well(2,675'); Vulcan Power Carson Lake Basin TGH 1-11 (967'; TD; rig down, move to TGH 1-9); Vulcan Power Carson Lake Basin TGH 1-9 (460'); Vulcan Power Patua 33-23 (6,437'; rig repair); Vulcan Power Patua 37-17 (7,801'; deepening original hole drilled to 7,500'); Nevada Geothermal Power BM 61-22 ST2 (4,227'; drilling second sidetrack out of top of first sidetrack); Ormat Nevada McGinness Hills 38-10 observation well (680').
40. Reviewed Ormat Nevada's GIS data received for the Steamboat area. Data was incomplete and could not generate a map of the area illustrating well locations. Alan discussed getting a map of Steamboat with Scott Kessler at the BLM/geothermal industry meeting on May 28th. Scott delivered a map to NDOM's office on May 29th.
41. Reviewed Ormat Nevada's twenty five TG hole application permits on BLM leases in the McGinness Hills area. Waiting on BLM's approval of their permits before moving ahead with NDOM's permits.

42. Reviewed Vulcan Power's sundry notice to move Carson Lake Basin TGH 1-33 to TGH 1-9 with Alan. Alan approved.
43. Reviewed Nevada Geothermal's sundry notice to drill beyond 6500 feet in their 61-22 ST2 well.
44. Reviewed Enel North America's sundry notice to change the status of the IW-2 (73-36) injection well to an observation well. Associated with this sundry is a new injection well permit to replace IW-2 (73-36) with IW-13 (42-25). Reviewed new permit application. Waiting on BLM's approval of the GDP associated with this new injection well permit.
45. Wells drilling: Vulcan Power Carson Lake Basin 34-33 (10,000'; rigging down); Vulcan Power Carson Lake Basin 14-1 observation well(2,948'; rigged down); Vulcan Power Carson Lake Basin TGH 1-9 (880'; rigged down); Vulcan Power Patua 33-23 (6,617'); Vulcan Power Patua 37-17 (8,818'; rig repairs); Nevada Geothermal Power BM 61-22 ST2 (6,143'; drilling second sidetrack out of top of first sidetrack); Ormat Nevada McGinness Hills 38-10 observation well (1,915'; running logs); Ormat Nevada Jersey Valley 87-28 (422').

OIL AND GAS (LOWELL)

1. The Rock Investment Group is preparing road and pad to move in rig to drill Isaiah 45.3 #1-16.
2. Reviewed Jerry Walker's Final Wellsite Report for Makoil's Trap Springs 27-41 well.
3. Reviewed Makoil's Ghost Ranch 2-21X sundry notice to set permanent packer above lower perforations (top of perforations at 4,412'), in order to isolate water leg. Alan approved.
4. Sent Steve Barrs, Breck Energy, bonding, organization, and transfer of ownership forms for DD wells he will be assuming ownership.

OTHER (LOWELL)

1. Attended CMR meeting at NBMG's new facility in Reno.
2. Presented minerals and their uses to fourth grade classes at Jerry Whitehead Elementary (3 presentations – 75 people).
3. Attended the Nevada Petroleum Society meeting on May 7th. Max Walenchek was the guest speaker. Max discussed the Blue Mountain operation, primarily discussing the number of wells drilled, construction of the Faulkner 1 plant, and the electrical tie in to the existing power grid ~21 miles to the south.
4. Met with John Fleischmann of Rattler Energy Corporation. Discussed possible permitting of commercial production and injection wells at Eagle Picher's gypsum processing facility north of Lovelock.
5. Contacted Celeste Eisenberg of Ormat Nevada to arrange a tour of Steamboat for a group of 25 teachers on July 15th during NDOM's Teacher's Workshop in Reno. Waiting for reply/approval from Ms. Eisengard.
6. Attended Nevada State Mapping Advisory Committee meeting at the Atlantis Casino in Reno on May 18th. Jon Price, NBMG, and Tom Sturm, USGS, co-chaired the meeting. A variety of issues were covered, including changes in the National Agricultural Imagery Program (NAIP), objectives for USGS mapping and change in map format to GeoPDF, LiDar mapping (Jon Price), and updates of activities from US Fish and Wildlife (Donald Harper), NBMG (Jon Price and Jordan Hastings), NDOT (Eric Warmath), and State Lands (Holly Smith).

7. Attended the Nevada Geothermal Council meeting at Austin's Restaurant in Reno on May 21st. Discussed pending property tax legislation that could have a significant impact on the geothermal industry.
8. Met with Ken Bonin, Vulcan Power, and discussed electric logs required by NDOM. Vulcan Power is looking for ways to cut costs and may cut some of the more exotic logs they have run.
9. Met with Steve Zarconi of Barbour Drilling. Discussed current and potential future activities of oil, gas, and geothermal drilling.
10. Attended meeting between the BLM Geothermal Workshop for representatives from Nevada's geothermal industry at John Ascuaga's Nugget Casino in Sparks, on Thursday, May 28th.
11. Tour of Steamboat for a group of 25 teachers on July 15th during NDOM's Teacher's Workshop in Reno was approved by Ormat Nevada. The tour will take place between 11:00 am and noon.