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ALAN R. COYNER
Administrator

ACTIVITY AND ACHIEVEMENTS

March 2010

ADMINISTRATION (ALAN)

1. Attended a meeting of the Governor's cabinet to review the actions taken by the Legislature in the Special Session and attended another meeting to discuss emergency budget actions.
2. Held a conference call and distributed information to the county recorders concerning the new additional mining claim fee. Prepared revised versions of the form to use for the affidavit required by the new additional mining claim fee.
3. Responded to many questions from many mining claimants concerning the new additional mining claim fee.
4. Met, along with Commissioner Bryan, with members of the new exploration coalition to discuss the new additional mining claim fee.
5. Received a response letter from Ireland, Inc. concerning the recent NGMG open file report on the Columbus Salt March property and sent it to the Secretary of State Securities Division.
6. Sent information concerning Scott Dokter of the bankrupt Relief Canyon mine to the Secretary of State Securities Division concerning his new company Durarock.
7. Spoke with an attorney Dave Davis concerning the refinancing of the Terra Gen Dixie Valley operations and the effect on the bond for well P&A.
8. Submitted a fact sheet to the USACE concerning the current status of AML projects in Nevada and a request for additional funding.
9. Prepared four work programs for authorization to spend additional money on the GBSSL, the Mackay mining claim fee payment, the GSN symposium donation, and the land withdrawal study with the UNR Mackay Geography Department.
10. Collected information concerning a new company in Reno, Au Goose, which claims to have a dry placer gold processing system.
11. Forwarded an email complaint concerning the ENEL geothermal plant to ENEL and Brad Goetsch, Churchill County Manager.
12. Responded to an inquiry concerning lithium development and water rights in the Clayton Valley near Silverpeak.
13. Inspected the Nevada Rae property in Crescent Valley for the bond pool.
14. Met with Bill Wahl of IMV Nevada and Art Wilson of Art Wilson Gypsum and toured the Adams mine and mill facility in Moundhouse.
15. All furlough days for March were taken by NDOM personnel resulting in 10 lost man days of work, reduced salaries, and no benefit to the state general fund.

RECLAMATION BOND POOL (DOUG)

1. Issued 3 notice level bonds for Bravo Alaska, MGC Resources, and MAX Resources.
2. Figured out the administrative costs for the pool. Submitted that to Wanda for to transfer from the bond pool's account to NDOM's account.
3. Sent out invoices for participants on a quarterly premium schedule.
4. Processed partial bond refunds for MGC Resources and Hunsaker, Inc.

5. Issued bond increases for TXAU, Nevoro Nevada, and MAX Resources.
6. Processed a bond refund for Calibre Mining Corp.
7. Spoke with Bill Holland of Rye Patch Gold about a plan level bond.

MINING, LAND AND OTHER ISSUES (DOUG)

1. Spoke with Kurt Hoyer, who is trying to sell a small custom mill by Mina. His mother built the facility in the mid-1980s, but it never saw any action.
2. Made up a preliminary draft of the new form regarding claim fees imposed by A.B. 6 of the Special Session. This included a conference call with county recorders, treasurers, and controllers; Commissioner Bryan, NDOM, and Kristen Geddes.
3. Spoke with Ken Coleman of Victoria Resources about AB 6, the claim fee increase bill.
4. Spoke with Joe Kizis of Bravo Alaska about the exploration survey and claims.
5. Responded to questions from Chris Ross about his meeting with SNLPMA auditors. This relates to the AML inventory project done in Clark County about 2 years ago that was done by the Great Basin Institute.
6. Toured Art Wilson's gypsum/anhydrite mine and processing facility with Alan and Bill Wahl.
7. Spoke with Adella Harding of the Elko Daily Free Press about mining claims.
8. Responded to a question from Brenda Erdos, the LCB Counsel, about affidavits of labor and notices of intent relating to the new claim fee law.
9. Drew down the \$25,000 from ASAP, the "Automated Standard Application for Payments." This is money from the BLM for AML claim ownership research.
10. Approved 5 sundry notices (includes Enel Stillwater) and 2 geothermal permits.
11. Approved 28 changes of ownership for oil wells.

AML / PUBLIC AWARENESS - NORTH (MIKE)

1. Mike Merritt (FS) called to request information about patented mining claims, maps, and monument locations at Treasure Hill in White Pine County. He seems to have all that is publically available, but did provide him with contact information of current owners and prior owner who had conducted survey work on the property.
2. Tom Callicrate (Mountain Gold LLC) emailed documenting photos of securing work on hazards in Esmeralda County. He also performed securing work on sites not previously inventoried by NDOM and will provide the necessary information so that we can add them to our database.
3. Received inventory sheets and photo CD from Katie Miller (NDOW-Elko) for 25 new AML hazards she logged in the Tecoma mining district and one more at Contact, both in Elko County. NDOM numbers were assigned and provided to her.
4. Jenni Jeffers (NDOW-Fallon) called to discuss gating plans for AML sites with bat habitat in Douglas and Washoe counties. There are currently ten sites needing gate construction in these counties. If funding can be secured from the BLM by NDOM, NDOW will supervise the construction and utilize the pre-existing statewide gating contract.
5. Communicated with Jenni Jeffers and Rory Lamp (NDOW) regarding potential bat gating work in the western region at ten pre-approved AML sites on BLM-managed land and five on private property near Virginia City.
6. Reviewed list of priority 1-4 topo maps needed by TerraSpectra for updated scanning to complete non-hazard automation tasking. Three topo maps were supplied for new scanning.

7. Contractor Pete Herrera completed work on ownership of unsecured AML sites in Pershing and Churchill counties. To date, ownership research has been conducted on 1,828 AML sites. The original \$25k grant for landman research has been exhausted and his work is now being funded from a \$50k Geotemps contract; approximately \$46,600 remains on this contract. Mineral County will be targeted next.
8. Met with contractor Brian Breiter to discuss resumption of revisit program in Washoe County. New maps and some securing information were provided to him.
9. Claimant John Paulsen called to discuss securing requirements for hazards on his family's property in White Pine County. The fencing contractor list and several warning signs were sent to facilitate the securing work.
10. Completed inventory sheets for 26 AML sites inventoried by Katie Miller and Rory Lamp (NDOW) in Elko County. Imported and re-named inventory photographs and plotted locations on field topos.
11. Reviewed and edited ownership issues from BLM spreadsheet covering planned hard closures in Elko County. Communicated with Whitney Wirthlin (BLM-Wells) to discuss results and address future regions requiring updates. Spreadsheets were generated of logged AML hazards near Tuscarora, Montello, and Loray and forwarded to her with the most recent ownership updates.
12. Updated database and ID sheets with closure information provided by Katie Miller (NDOW-Elko) on some sites closed in 2009 at Spruce Mountain and Safford Canyon.
13. State Archives completed scanning of archived Clark County AML slides and will now begin on the final county to be scanned, Esmeralda.
14. Conducted research, at the request of Ryan Whitchurch (Ecology and Environment, Inc.) on potential for AML hazards at two specific locations in Elko and Humboldt counties.
15. Provided Carol Wies-Brewer (ACOE) with updates on TerraSpectra's progress on NDOM tasking for inclusion in her Annual Chief's Report.
16. Completed inventory sheets, updated topo map and photo archive for five new hazards identified by Katie Miller (NDOW) and Nycole Burton (BLM-Elko) in Elko County.
17. Continued work on editing and organizing image file of scanned slides and photographs of AML inventory and securing work.
18. Completed coding requirements and survey results for all 35 qualified applicants who had successfully applied for our summer intern positions through NVAPPS. Final packet, with job offer and acceptance information, was submitted to our assigned job announcement recruiter.
19. Emailed all interns with request for DMV driver history reports, for submission with their new hire packets to personnel.
20. Communicated with Susan McCabe (BLM-CC) to set up required archaeological resource recognition class for summer interns during their first week.
21. Communicated with AT&T Mobility regarding poor service by our statewide account representative and request adjustment to billing for two cell phone numbers we've been trying to cancel since September. Copies of sent emails were provided to document the request history. A new support representative has been assigned and has added the staff contact information to the account profile enabling changes by users.
22. Provided information on current mining production/methods in Nevada to citizen researching investment opportunities. Current versions of Major Mines and Nevada Mineral Industry were sent to him along with information from the NDOM website on recognizing mining fraud and scams.

23. Edited and resized Nevada state seal graphic and emailed it to Juliana Harris for use on sponsor items at upcoming GSN Symposium.
24. Presented “Mineral Detective” activity to two classes of 3rd graders at Esther Bennett Elementary School, Sun Valley. (2 presentations – 62 people)
25. Received a request for three Rocks/Minerals/AML presentations to 4th graders at Riverview Elementary School, Dayton on May 6th.
26. Taught “Paste with a Taste” activity to three classes of 4th-graders at Esther Bennett Elementary School, Sun Valley. (2 presentations – 63 people)
27. Collected fluorite samples at the Valerie Mine (Pershing County) for use in mineral boxes at upcoming workshop. Conducted AML field work in Pershing County, logging 4 new hazards and 1 non-hazard.
28. Attended NvMA Education Meeting to make final preparations for Workshop in LV next week and review details/plans for summer workshop in Reno.
29. Completed preparations for next week’s teacher’s workshop in Las Vegas. Broke rock and mineral samples for inclusion in sample kits. Assembled materials for activities to be taught in 9-12 grade sessions. Printed workshop sponsor posters. Picked up laminated periodic tables donated by ALS Chemex for distribution at the workshop. Communicated with Liz Ball (UNR-Mackay) to request “Careers in the Geosciences” and UNR-Mackay informational packets to be discussed and handed out in 9-12 session and made available to all teachers during the workshop. Coordinated with Joe Riney to identify all supplies necessary for workshop and helped load trailer and trucks.

AML / GIS (PAUL)

1. Used ArcGIS to construct a map of clusters of possible ARRA backfill projects in the BLM Winnemucca Districts.
2. Used ArcGIS to query the NDOM database for Mineral and Churchill Counties for hazards to be researched by Geotemp contractor Pete Herrera. Constructed and printed spreadsheets of the queried data.
3. Pulled all the topographic quad maps needed for Pete Herrera to do his courthouse ownership research in Mineral and Churchill Counties.
4. Received a call from Dave Brickey with TerraSpectra requesting shape files for roads and trails in Nevada to help with the work TerraSpectra is doing for NDOM.
5. Used ArcGIS to construct maps of two mining districts on the Seven Troughs topo quad for Geotemp contractor Pete Herrera.
6. Collected paper work and field maps from Pete Herrera for ownership research completed in Pershing County and gave Pete the maps and data for Churchill and Mineral counties.
7. Finished querying the database and locating possible backfill cluster sites for BLM ARRA backfills. Sent the map and spreadsheets with Debbie Selig to be dropped off at the Reno BLM office for Chris Ross.
8. Joined in on a conference call between the BLM, NDOW, and NDOM concerning AML projects that have been finished or are currently in progress.
9. Posted shapefiles for roads and trails in Nevada to an FTP site to assist contractor TerraSpectra in work being done for NDOM.
10. Worked on spreadsheets for contractor Pete Herrera to do ownership research in Nye and Esmeralda counties. Printed out spreadsheets and pulled topo maps to give to Pete.
11. Called Debbie Selig with a list of topo maps that need to be pulled from the LV NDOM office to give to Pete Herrera for ownership research in Nye County.

12. Worked with Orion Bobo from DoIT on trouble shooting problems with the new GIS computer and issues with external drives. Moved the M drive from my GIS computer to another computer and had Orion assign the new location of the M drive to the network.
13. Received a call from Mike Smith touching bases with me on Kelepi Ita's Eagle Scout project in Spring Creek, Nevada.
14. Received a call from Rodger Bryon from Winnemucca, NV. Rodger was just touching bases on his son Dillon's Eagle Scout project. Will finish Dillon's project this spring.
15. Inventoried the Bird Seed Mining Presentation supplies and made a list of supplies needed. Bought the supplies need for the presentation and made enough for two classes of thirty kids.
16. Did Minerals/Stay Out Stay Alive presentations at Esther Bennett Elementary School in Sun Valley (two presentations to third grade classes and their teachers, 62 people total).
17. Attended the monthly Education Committee meeting at the NvMA office in Reno.

AML / PUBLIC AWARENESS - SOUTH (BILL)

1. Received documentation from BOR of 8 permanent closures and one re-closure (CL-798) completed in Clark County during the weeks of February 15-19 and 22-26, 2010. Work included 2 backfills (including CL-798 which had a foam plug that was destroyed), 1 bat gate, 1 culvert gate, 5 PUF closures and 1 found naturally caved.
2. Conducted site visit to the Red Cloud Mine near Goodsprings with claimants and BLM staff. The site is under recent active claim. Three AML hazards on the claim were on the SNPLMA closure list and are scheduled to be secured with bat gates. The claimant has OK'd bat gates on two of the mine openings. The third opening is a timbered shaft with a bulkhead over the collar and was recently found to be covered with rock and dirt by persons unknown. The claimants plan to re-expose the collar and use that opening for access. They will bond for the dirt work and construction of a steel bulkhead with a locking access door. On completion of their underground exploration, the rock and dirt will be returned to completely cover the bulkhead.
3. Met with BLM law enforcement at the Monte Cristo Mine south of Goodsprings regarding a complaint that workings on an active claim block were closed by backfilling and bat gates. The county mining claim plat map showed claim boundaries to the east of the workings. Several claim monuments were discovered and located with GPS, and will develop a new map using this information to determine if there is a conflict.
4. Conducted Clark County AML claim research in response to a claimant in the Goodsprings area who reported that an AML hazard on one of his active claims was closed by BOR.
5. Participated in the monthly SNPLMA/ARRA AML closure project conference call.
6. Participated in the monthly SNPLMA AML closure project conference call for Lincoln and White Pine Counties.
7. Toured various AML sites in the Goodsprings area permanently closed under SNPLMA Rounds 4, 5, and 6 with staff from the BLM State Office and SNPLMA program auditors. The auditors were highly impressed.
8. Conducted Eagle candidate Joey Rozich's project reconnaissance site visit. Six hazards will be secured southwest of Goodsprings in mid-April.
9. Received inquiry for an AML securing project from Eagle Scout candidate Carlton Herbert (#134).
10. Request for an AML fencing project from Eagle Scout Candidate Nicholas Thompson (Scout #135) for fall 2010.

11. Purchase and prep materials for Stefano Retis' Eagle Scout AML securing project, scheduled for Saturday, March 27. Three mine shafts will be secured west of Searchlight (assuming we can worm our way through the Tea Party Express crowd expected to be 10,000 to 30,000).
12. Began preliminary edit on the 2009 AML report.
13. Participated in an NvMA Education Committee meeting via conference call.
14. Completed road log for Las Vegas workshop Tour 3 – Las Vegas Rock and Red Rock NCA, Las Vegas teacher workshop Tours 1 (Frehner-Bardon Sloan Quarry/Cashman/McCaw), and 2 (PABCO Gypsum/Valley of Fire).
15. Contacted all teacher workshop tour points of contact to verify that field trips are on their schedules.
16. Working on session materials for the Las Vegas teacher workshop.
17. Attended McCaw School of Mines Foundation Board meeting. The annual fund-raiser Gala will be held on Saturday, April 24, 2010 at Sam's Town Hotel-Casino.
18. Attended Reading Week session at Goolsby Elementary School – Las Vegas for 25-5th graders. Distributed AML handouts and Las Vegas teacher workshop flyers.
19. Presented three sessions of minerals and commodities and AML for 5 classes of 3rd graders at McMillan Elementary School – Las Vegas – total of 125 students.
20. Prepped and presented PowerPoint on placer gold in Nevada, modern mineral production and AML for the Nye Gold Seekers monthly club meeting in Pahrump on March 20, 2010 (one presentation – 70 attendees).
21. Agency display and presentation on minerals and commodities and AML at Innovations International Charter School of Las Vegas' Science Night program for approximately 75 children and parents (one presentation – 75 people).
22. Presentations at Pat Diskin Elementary School – Las Vegas on "Careers in Geology", minerals and commodities and AML for the annual Diskin Career Conference Day. Total of 125 students – grade levels K, 1, 3 and 5 (six presentations – 125 people).
23. Debbie Selig in Carson City this week setting up new Division computers.

GEOHERMAL (LOWELL)

1. Reviewed ten temperature gradient holes proposed by Magma Energy Corporation in the Desert Queen area, immediately east of Ormat Nevada's Desert Peak production acreage. Holes are proposed to be drilled as deep as 1,000 feet. Doug approved.
2. Reviewed Terra-Gen Dixie Valley sundry notice request to repair casing in the 37-33 production well. After casing repair, drilling contractor will attempt to pull 4,500 to 5,000 feet of tubing in bottom portion of hole. If tubing cannot be pulled, a cement plug will be placed on top of tubing and the well will then be side tracked, with side track hole running parallel to original hole. Doug approved.
3. Reviewed Enel North America's request to expand the number of wells within their Stillwater Project Area. Doug approved.
4. Reviewed Ormat Nevada's sundry request to pull and replace pump and shaft in their Steamboat 23-5 production well. Alan approved.
5. Reviewed Ormat Nevada's permit application for the Gabbs Valley 75-29 temperature gradient hole, to be drilled as deep as 1,000 feet. Alan approved.
6. Reviewed Sierra Geothermal Power's sundry notice to allow drilling in an unintentional side track hole. Original hole was unintentionally side tracked when trying to 'mill through' a wedged bit in the hole. Alan approved.

7. Wells drilling: Ormat Nevada Jersey Valley 81A-28 ST1 production well (3,232', fishing for all three cones from bit); Ormat McGinness Hills 58B(P)-22 production well (2,509', drilling); Ormat Gabbs Valley 26-07 Observation Well (1,511', drilling); Nevada Geothermal Blue Mountain 41-27 injection well (915', drilling); Sierra Geothermal Power Silver Peak 38-11 observation well (4,524', coring NQ core); Sierra Geothermal Power Alum 26-19 observation well (3,765', drilling); Vulcan Power Patua 36-15 observation well (3,524', rigging down, will re-enter with core rig); Vulcan Power Patua 23-17 production well (3,703', drilling); Vulcan Power Patua 37-17 production well (8,446', drilling); Vulcan Power Patua 45-9 observation well (4,029', coring); Vulcan Power Patua 45-27 observation well (660', drilling).
8. Reviewed Justin Schneider's domestic well permit applications. Wells are located in Fallon and are being brought into the NDOM system. One well is to be used as a production well, 16" in diameter, 320' deep. Second well is to be used as an injection well, 6" in diameter, 500' deep. Doug approved.
9. Reviewed Ormat Nevada's sundry request to pull and replace pump and shaft in their Steamboat 38-28-2 production well. Doug approved.
10. Went to Nevada Geothermal Power's Blue Mountain geothermal field to observe the logging, perforating, and propellant stimulation of the 91-15 production well. Discussed process with John Casteel of Nevada Geothermal Power and technicians working for Black Warrior Wireline Services who performed the work.
11. Reviewed Nevada Geothermal Power's sundry request to perform a propellant stimulation on the 44-14 injection well. This well is located on a BLM lease. Waiting for word of BLM approval for operation. Waiting on feedback from Russ Land concerning stimulant operation.
12. Received notification that an Xtreme Drilling floor hand was injured on Sierra Geothermal Power's Alum 26-19 well. The injured worker lost most of his fingers due to an accident associated with the drill table. Injured worker was taken to Tonopah and on to Las Vegas for medical help. Waiting for formal report to arrive.
13. Wells drilling: Ormat Nevada Jersey Valley 81A-28 ST1 production well (3,234', milling metal junk on bottom of hole); Ormat McGinness Hills 58B(P)-22 production well (2,580', rigging); Ormat Gabbs Valley 26-07 Observation Well (2,120', drilling); Nevada Geothermal Blue Mountain 41-27 injection well (1995', drilling); Sierra Geothermal Power Silver Peak 38-11 observation well (5,032', coring NQ core); Sierra Geothermal Power Alum 26-19 observation well (4,400', working 4.5" casing into hole); Vulcan Power Patua 36-15 observation well (3,601', coring); Vulcan Power Patua 23-17 production well (4,858', drilling); Vulcan Power Patua 37-17 production well (9,601', drilling); Vulcan Power Patua 45-9 observation well (4,720', coring); Vulcan Power Patua 45-27 observation well (2,365', drilling); Standard Steam TG #10 (240', drilling); Standard Steam TG #13 (380', drilling).
14. Met with Nevada Geothermal Power and Black Warrior Wireline Services on March 11th, during the propellant stimulation at the Blue Mountain 91-15 production well.
15. Reviewed Enel North America's Stillwater STW 45-19 observation well permit application and associated drilling program. Alan approved.
16. Reviewed Enel North America's request to change original BOP setup for the STW 45-19 observation well from a 9" 3M BOPE with accumulator to a 7 1/16" 3M BOPE with manual (hydraulic) controls. Request was granted for this proposed 1,600 foot observation well.
17. Contacted the IOGCC requesting any data they may have on propellant stimulation. Unfortunately, the IOGCC could not locate any data related to this procedure in the oil field. The contact with IOGCC was initiated due to the Russ Land's concerns about the potential

effects the procedure may have on the cement at the last casing shoe. NDOM has had recent requests for this procedure by Nevada Geothermal Power, Magma, Ormat Nevada, and Enel North America.

18. Reviewed Nevada Geothermal Power's sundry notice to perform a propellant stimulation in the Blue Mountain 38-14 production well. This well is on a Federal lease. Waiting for BLM approval to proceed.
19. Reviewed Nevada Geothermal Power's sundry notice to perform a propellant stimulation in the Blue Mountain 89(82-14)-11 production well. This well spudded on a private lease but entered a Federal lease at depth. Waiting for BLM approval to proceed.
20. Reviewed Ormat Nevada's sundry request to replace a pump on the Steamboat Hills 25-28-1 production well. Alan approved.
21. Received notification that an Xtreme Drilling floor hand was injured on Sierra Geothermal Power's Alum 26-19 well. The injured worker lost most of his fingers due to an accident associated with the drill table. Injured worker was taken to Tonopah and on to Las Vegas for medical help. Waiting for formal report to arrive.
22. Wells drilling: Ormat Nevada Jersey Valley 81A-28 ST1 production well (3,240', polishing off cement plug); Ormat McGinness Hills 27-16 production well (512', drilling); Ormat Gabbs Valley 26-07 Observation Well (2,450', drilling); Nevada Geothermal Blue Mountain 41-27 injection well (3,922', drilling); Sierra Geothermal Power Silver Peak 38-11 observation well (5,409', coring NQ core); Sierra Geothermal Power Alum 26-19 observation well (4,400', on standby for core rig); Vulcan Power Patua 36-15 observation well (4,442', coring); Vulcan Power Patua 23-17 production well (5,015', running intermediate casing); Vulcan Power Patua 37-17 production well (10,000', reaming down to top of fish in the hole at 9,648'); Vulcan Power Patua 45-9 observation well (5,099', pumping LCM); Vulcan Power Patua 45-27 observation well (3,515', drilling); Standard Steam TG #16 (400', drilling).
23. Reviewed Nevada Geothermal sundries to utilize propellant stimulation in the Blue Mountain 38-14 production well and the 89(82-14)-11 observation well. Alan approved.
24. Reviewed Nevada geothermal sundry notice to withdraw sundry notice for propellant stimulation of the 44-14 production well. Alan approved.
25. Reviewed Enel North America's sundry notice to repair the surface conductor and 13 3/8" casing in the Stillwater 17-31 due to corrosion of the pipe below the wellhead. Doug approved.
26. Reviewed Magma Energy's sundry notices to replace pumps in their 45A-33 and 84B-33 production wells. Alan approved.
27. Reviewed Nevada Geothermal Power's sundry notice to allow the deepening of the 41-27 injection well from 7,000 feet to 8,000 feet. Alan approved.
28. Reviewed Ormat Nevada's sundry request to re-enter and deepen the Desert Peak production well from current total depth of 1,580 feet to 2,280 feet. Alan approved.
29. Reviewed Ormat Nevada's sundry notice to re-enter and clean out the Hot Sulphur Springs 66-5 production well, run 9 5/8" liner, and test the well. Informed Ormat that they would have to establish ownership of the well with NDOM, or get HSS II's permission to re-enter the 66-5 well before NDOM would consider request.
30. Concurred with John Menghini, BLM about P&A procedures proposed by Standard Steam for TG holes being drilled in the Marys River area. P&A procedure met NDOM's requirements, and John had no problem with the procedure.

31. Reviewed sundry notice from Alares LLC to run injection tests at the Veterans Administration Commercial Observation Well 1 at the VA Hospital in Reno. Concurred with Russ Land, UIC, and he had no problems with the test. Alan approved.
32. Wells drilling: Ormat Nevada Jersey Valley 81A-28 ST1 production well (4,266', drilling); Ormat McGinness Hills 27-16 production well (1,417', fishing); Ormat Gabbs Valley 26-07 Observation Well (3,667', drilling); Nevada Geothermal Blue Mountain 41-27 injection well (5,834', drilling); Sierra Geothermal Power Silver Peak 38-11 observation well (5,409', rigging down); Sierra Geothermal Power Alum 26-19 observation well (4,400', rigging up core rig); Vulcan Power Patua 36-15 observation well (4,658', trip in to tag top of cement plug); Vulcan Power Patua 23-17 production well (5,797', waiting on repair parts for rig); Vulcan Power Patua 37-17 production well (10,000', milling on fish); Vulcan Power Patua 45-9 observation well (5,722', coring); Vulcan Power Patua 45-27 observation well (3,515', rigged down); Standard Steam TG #19 (260', drilling).

OIL AND GAS (LOWELL)

1. Attended the Nevada Petroleum Society meeting at Austin's Restaurant in Reno on March 4th. Dan Malouta of Shell Oil was guest speaker, discussing the costs and benefits of both conventional and renewable energy sources.
2. Coordinated the retrieval of a bucket of oily cuttings from NBMG by EOG Resources.
3. Informed producing oil companies of upcoming MIT tests for injection wells that Russ Land, UIC, will be requiring. The test should occur in June 2010.
4. Coordinated the bonding for two wells on private leases for Berry Petroleum's acquisition of all of the Meritage wells. Remaining 26 wells are covered by BLM bonding.
5. Attended to BLM oil and gas lease sale on March 9th. A total of 46 parcels were leased.
6. Reviewed the transfer of ownership of twenty-eight wells owned by Meritage Energy Company to Berry Petroleum. The wells are located in the Eagle Springs, North Willow Creek, Ghost Ranch, and Sand Dune oil fields. Twenty-six wells are located on Federal leases and two wells are located on fee leases. Berry Petroleum bonded the two fee wells with NDOM. Doug approved.

OTHER (LOWELL)

1. Attended the Nevada Geothermal Council meeting on Thursday, March 18th. Sage grouse habitat and the effect these areas and related rules may have on geothermal leasing, exploration, and production was the principal topic of discussion.
2. Met with John Menghini, State BLM office, and discussed pending permits along with pending sundry notices.
3. Attended the Black Warrior Wireline Services meeting on propellant stimulation at the Peppermill Casino in Reno on Wednesday, March 23. Representatives from the NDEP, BLM and geothermal industry were in attendance as well.