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ALAN R. COYNER
Administrator

ACTIVITY AND ACHIEVEMENTS
July 2009

ADMINISTRATION (ALAN)

1. Notified the CMR concerning the Governor's reappointments to the CMR. Called new Commissioner Johnny Stout to congratulate him upon his appointment.
2. Facilitated CMR meeting in Reno.
3. Facilitated a conference call involving NDOM, NBMG, NDEP, SOS Securities Division, and BLM concerning the Ireland, Inc. Columbus Salt Marsh project. Continued to pursue permission to conduct a sampling program to verify gold and silver values reported by Ireland, Inc at Columbus Salt Marsh.
4. Investigated a potential mining fraud reported by a member of the CMR.
5. Reviewed the second draft of the IMCC congressional testimony on mining law reform and forwarded suggested changes to Greg Conrad of IMCC.
6. Finalized nominations for the 2009 Excellence in Mine Reclamation awards.
7. Met with the 4th Ward School personnel to discuss the new \$40,000 project relating to modern mining as funded by the CMR.
8. Provided information to USFS to facilitate payment of \$16K to NDOM for AML support.
9. Provided information to Debbie Struhsacker, consultant to Allied Nevada the Hycroft mine operator, concerning the permitting of geothermal wells at the minesite.
10. Coordinated communication between Student coordinators at the Mackay School and recruitment personnel for Rio Tinto, the world's largest mining company.
11. Participated in a meeting with NDOM, DWR, and NDEP concerning the status of the Homestretch Geothermal plant at Wabuska near Yerington and the concern over the sale of geothermal fluid to the Walker River. Submitted language to the Bureau of Reclamation for their environmental assessment concerning the transfer of geothermal fluid from the Homestretch Geothermal operation to the Walker River via the proposed pipeline being permitted in the EA. Toured the Homestretch Geothermal facility.
12. Assisted Commissioner Snow to secure information concerning dust abatement methods from Newmont's Twin Creeks mine and Goldcorp's Marigold mine.
13. Executed a letter of support for a NBMG proposal to secure a \$100,000 grant for "Geothermal Data Development, Acquisition, and Maintenance."
14. Participated in the Northern Nevada Teachers Workshop. Taught the exploration and drilling exercise called "Just Drill It" to the high school level teachers.
15. Chaired the SEC Appeal Hearing in Carson City concerning the Bango Oil facility.

RECLAMATION BOND POOL (DOUG)

1. Issued an increase for a notice level bond for Nevgold USA, Queensgate Resources and TNT Venture.
2. Initiated partial refunds for Cordex, Golden Odyssey, and Electrum.

3. Spoke with Carolyn Mills of Sunrise Placer about their projected need for bonding for plugging 4 water wells. The BLM has not yet made a determination of the dollar amount. Sunrise may or may not choose to utilize the Bond Pool.
4. Calculated the expenses for the administration of the bond pool in FY-09. \$39,382.75 was transferred from the bond pool's account to the NDOM account.

MINING, LAND AND OTHER ISSUES (DOUG)

1. Participated in a conference call with Alan, BLM, NBMG, and Secretary of State's Office regarding Ireland, Inc.
2. Met with Alan, Mike, Paul, Fourth Ward School people, and Noble Studio people about the mining exhibit at the Fourth Ward School.
3. Went to the Silver City area with Mike, CC BLM, and 2 interns to investigate a mine opening which had recently appeared 5 feet from the V&T Railway.
4. Met with Clayton Mitchell, whose family recently bought the Crown Point Mill near Gold Hill. He inquired about start up of the mill and I suggested he find some ore.
5. Assisted Alan Di Stefano of the Nevada Commission on Economic Development with questions on the Buena Vista iron deposits. A Chinese company is interested in them.
6. Sent all remaining material for the Major Mines booklet to NBMG.
7. Began work on the exploration survey.

AML / PUBLIC AWARENESS - NORTH (MIKE)

1. The interns completed weeks 7 to 10 with 11 securings, 49 logged hazards, 242 logged non-hazards and 46 revisits/repairs in Esmeralda and Nye counties with emphasis on sites near Berlin State Park and along the Vegas-Reno off-road race route; they completed their 9th week working in Carson City and Douglas counties; they logged 1 hazard and 194 non-hazards in week 9 and did 11 securings, logged 113 hazards, and logged 810 non-hazards for week 10 of their summer internship. Worked with interns to plan two week's worth of field work. Four interns assisted staff at the teacher's workshop while the other four conducted AML field work in the Brunswick Canyon area east of Carson City. The 8th week included work in the Toquima Range and a 3-hour tour of the Round Mountain Mine arranged through Tinker Evans.
2. Worked with interns to develop work plan for to inventory of prospects within 5 miles of Highway 278 between Eureka and Carlin. Preliminary ownership research and query of worthy revisit sites; worked with interns to research work areas in Ely and updated all GPS's with pertinent data regarding revisit and securing sites; began initial planning for intern's 10-day trip to Denio and Sheldon National Wildlife Refuge. Communicated with Brian Day (US Fish and Wildlife Service) about AML, road access and general logistics.
3. Met with Brian Breiter (EPS) to review data from a dozen or so recent revisits with markedly differing information compared to our database; usually resulting from inaccurate original coordinate information. Worked to resolve location and description issues of several hazards re-visited along Washoe and Storey county line. Brian submitted his invoice (\$4,848) and paperwork for revisits completed through June 30th. In 18 man-days, 83 sites were visited, with 47 (57%) requiring and receiving repair work to some degree. The UTM's for the bulk of remaining revisit sites (~725) were prepped and loaded into his GPS to assist with field location.
4. Completed hazard inventory sheets for four newly identified hazards in Elko County discovered by NDOW.

5. Jeff Marchand (BLM-CC) called to inform us of an AML feature adjacent to the V&T RR, west of Silver City. A subsequent field visit found a three-foot diameter, 12-foot deep open stope located just five feet from the rail bed. The feature likely opened up due to wet weather and vibrations from train traffic. It is located on an active mining claim on BLM-managed lands, although the exact V&T easement has not yet been determined. The site was logged and a temporary T-post and 4-strand barbed wire barricade was constructed. The BLM will work to obtain a categorical exclusion to facilitate a more permanent closure; likely PUF and/or fill.
6. Lynn Oliver (Inyo National Forest) provided some additional information regarding the hazard where the dog fell into a winze at the Tip Top Mine in Mineral County. His office provided shape files of their AML work and requested the same from us. After review, they will submit regions of interest for additional inventory work. They are also interested in a simultaneous “log and secure” approach as is currently conducted on the Humboldt-Toiyabe NF and will consult with the SHPO to facilitate it.
7. Communicated with Andy Hettrick and Jennifer Johnson (Washoe Tribe of CA and NV) regarding sharing their shapefiles of GPS’d OHV roads on tribal lands in the Gardnerville area. They were very helpful and the information was added to the interns’ local working maps to assist with access. Information on logged features on tribal lands will be forwarded to them.
8. Cheri Nevin (Asst. Director Storey County Communications/Emergency Management) requested information on abandoned mine subsidence events. Subsequent conversations revealed interest in having GIS shapefiles and spreadsheets of our Storey County subset for emergency planning purposes. Our current AML hazard was clipped in ArcGIS and the data emailed to her.
9. Ownership research was conducted on 20 hazards in Humboldt County.
10. Chris Ross (BLM-NSO) requested and received a CD containing our most current AML inventory in Access and Excel versions. The data will be used by a contractor to update the BLM’s national version.
11. Amber Fortner (URS Corp.) called requesting additional information related to our AML database. She’s been contracted by the BLM to migrate our data into the BLM’s national AML version and fill in obvious gaps, such as land status. Having previously worked for the State of Utah’s AML program she’s very familiar with the issue, but not the specifics of how Nevada has approached AML and catalogued the hazardous conditions. Additional data and documentation was forwarded to her and she will advise us of any informative additions or edits.
12. Communicated with Fred Holzel (BLM-Winnemucca) regarding proposed securing of orphan hazard at Harmony Mine. The shaft was backfilled in 1988 by Santa Fe Pacific Minerals, as an unsolicited securing. After recent research by Newmont, the site was determined to be on BLM-managed lands. The BLM will pursue a categorical exclusion so that it can be backfilled. The interns fenced this hazard the week of August 10th.
13. Communicated with Susan McCabe (BLM-CC) regarding list of UTM’s and descriptions of several abandoned vehicles found by the interns during recent inventory efforts in the Pine Nut Mountains.
14. Raquel Diedrichsen (NDEP) communicated with us regarding two AML sites on BLM-managed lands near the Hawthorne Army Depot reported by a DOD contractor. One was already inventoried and needs re-securing, the other is in an area with several prospects visible on aerial photos but not noted on any topo and not previously visited. These will require a field visit.

15. Received a call from Jennifer Isaac (Versar, Inc.) regarding information on two abandoned mines in Great Basin National Park. They will doing ARRA contract work for the National Park Service at the Bonita Mine and the Johnson Lake Mine and are doing preliminary data collection. While NDOM has not inventoried these sites, scans of the White Pine county report (Bulletin 85), topo maps showing T/R/Sec information and links to other documents found at NBMG's Mining District Files database were forwarded to her.
16. Claimant Jim Freeden called regarding a notification letter received and to report mistaken ownership research of five dangerous conditions. Four other hazards are on his claims and will be secured. He requested and received several signs to assist his efforts.
17. Communicated with Melissa Brito (Barrick) regarding five hazards she identified on their private property at the old Santa Fe/Calvada Mine and their closure plans and timelines.
18. Assisted a Lyon County realtor with information on identified hazards on a parcel in escrow and requirements for securing.
19. Paul and I met with Tami Vetter, a representative with Renew Earth Support proactive Environmental Change Today (RESPECT) regarding their interest in arranging for clean-up/metal salvage and securing of abandoned mine sites on Winnemucca Mountain. The meeting was arranged by Sue Hawkins (Newmont) who'd been solicited by RESPECT for sponsoring the clean-up. Paul and I explained our AML program and that most of the mountain is under active claim and that the claimant (AHL Holdings) has been very responsive in the past. Sue explained that Newmont would not want to involve itself with AML on another party's active mining claims. Representatives from the Winnemucca BLM office were expected to attend the meeting but canceled. Tami will work with the BLM office to coordinate surface trash clean-up efforts and will contact the claimant to invite their participation in the process.
20. Prepared rocks/minerals/classroom activities and handouts for the Northern Nevada Teacher's Workshop. Printed off several sponsor posters for display at the workshop. Participated in the workshop held at Bishop Manogue High School in Reno. Over the four days of the workshop, helped with set-up, presentations, logistics, materials transport, and tear-down; 65 educators attended the workshop. As classroom coordinator for Grades 9-12, assisted with classroom presentations and activities to 11 educators.
21. Four interns assisted at the workshop for three days, while four others did AML field work in Carson City. All eight attended the post-workshop tour of the Marigold and Lone Tree mines.
22. Dropped off CD at NvMA containing images from recent Teachers Workshop for posting on their website. Informed of upcoming mine safety conference in Reno in October, forwarded information to State Mine Inspector's Office. They offered space for our outreach materials and would appreciate any minerals education posters or displays we can provide at their booth at the State Fair (Aug. 26 – 30th).
23. Attended quarterly CMR meeting.
24. Sent one digital camera in for warranty work and repaired one malfunctioning hand radio.

AML / GIS (PAUL)

1. Conducted weekly safety meetings with summer interns to discuss any issues with safety. Discussed wearing proper shoes and clothing when loading supplies into trucks. Had a safety talk with the interns about backing up trucks and visibility issues with backing up. Used ArcGIS to print maps for use in the field by the interns and collected paperwork and maps from the interns for the work done. Helped the interns get ready for field work.

2. Worked with the summer interns in the office with data entry, proofing work from the field, and planning for field work. Clipped the NDOM database for the Manhattan, NV area to use for installing waypoints into the GPS units for work in the field.
3. Received a call from Glenn Alexander with Newmont Mining and discussed HU-158. NDOM had contacted Newmont Mining about a shaft east of Winnemucca at the old Harmony Mine site. The shaft had been backfilled in the late 1980's by Santa Fe but has reopened. It was thought to be on Newmont owned land but turns out to be just off of their patented mining claims and is now known to be orphan.
4. Sent the BLM shape files of the work done in Winnemucca by NDOM in May. The files included the work done around the BLM proposed bike path on Winnemucca Mountain. Tried to contact Mark Gingrich and Bob Edwards with the Winnemucca BLM office to set up a meeting and give them some maps and information on AML sites on Winnemucca Mountain. Was unable to reach either of them so left messages on both answering machines. Drove to Winnemucca to drop off packet of maps and ownership information on Winnemucca Mountain AML.
5. Called Clara Ingle in the safety department at Turquoise Ridge Joint Venture mine about setting up an underground tour for the summer interns. Clara said she would see about setting up a tour like the one they did for us last summer with John Carlson.
6. Worked with Jim Carver from Winnemucca to set up an Eagle Scout project for Jacob Carver and Lance Thompson. Traveled to Winnemucca to do recon work.
7. Received a call from Evan Pearson concerning his Eagle Scout project east of Yerington. Completed CRAC forms and other paperwork.
8. Called Barbara Mackay to discuss a time to meet in the NDOM office in Carson City to discuss the interactive mining exhibit for the Fourth Ward School.
9. Traveled to Reno and met members of the NVMA Education Committee at the storage shed; loaded up supplies for the Northern Nevada Teachers Workshop; gave two "Under the Earth" presentations to approximately 20 teachers; explained about underground mining practices and ground support; used a bread mining exercise to demonstrate the principles of ground support; attended tour of Marigold and Lone Tree mines.
10. Made a DVD with some mining clips for Arloa Wolford for Women in Mining classes.
11. Traveled to Reno to attend the quarterly CMR meeting.

AML / PUBLIC AWARENESS - SOUTH (BILL)

1. Worked on Clark and White Pine County AML claim research; updated AML hazard inventory sheets with claim research data; completed a spreadsheet for BLM AML hazards in White Pine County proposed for permanent closure under SNPLMA Round 8.
2. Prepared maps and assembled equipment for work with the summer intern crew in White Pine County planned for the week of 3-7 August.
3. Received request for an AML securing project from Eagle Scout candidate Cody Echler (#128). Younger brother of Austin Echler (#94) completed his Eagle Project in December, 2007.
4. Prepped quartz, copper ore, marble and sandstone for Reno teacher workshop mineral and rock kits; prepped grade level 4-5 session materials.
5. Participated in the 25th Annual Northern Nevada Earth Science Education Workshop. 65 teachers attended the workshop held at Manogue High School – Reno.
6. Collected obsidian, basalt, schist and marble for future teacher workshops on return trip from Reno to Las Vegas.
7. Moved shelving units donated by Walt Lombardo to McCaw School of Mines.

8. Attended a conference at McCaw School of Mines to review and advise on tour activity changes proposed for the 2010 school year.
9. Assembled mineral specimens and posters for new displays at the McCaw School of Mines including an all new fluorescent mineral display (Caboose) and a hands-on display of minerals with various crystal shapes (Mine Room 1).
10. Ordered repair parts for swamp coolers for McCaw School of Mines Mine building.
11. Presented two sessions of minerals and commodities, "Birdseed Mining", and AML for 50 4th graders at Don Hayden Elementary School – North Las Vegas.
12. Attended CMR meeting in Reno.

GEOHERMAL (LOWELL)

1. Witnessed Ormat SBH 21B-5R BOPE tests prior to re-entry into well. Well to be cleaned out to bottom, removing scale.
2. Reviewed Enel North America's Stillwater 53A-30 production well permit application. Alan approved.
3. Reviewed Enel North America's sundry notice to change the permitted Stillwater 16-7 injection well location to the 33-7 location, and change in drilling program. Alan approved.
4. Developed Project area spreadsheet for Enel Stillwater. Contacted John Allen at Enel about the wells they consider being part of the Project Area, due to over abundance of observation wells. However, some of the observation wells pre-date the creation of the Project Area considerably. John Allen is to get back with me concerning what wells are to be included.
5. Contacted Greg Davidson, Enel North America, about proper notice to NDOM when BOPE tests are to occur.
6. Reviewed Magma Energy's sundry notice to set 13.375" intermediate casing prematurely in the 41B-33 production well due to continuing losses of mud uphole. Alan approved.
7. Contacted Jack Truschel, California Division of Oil, Gas, and Geothermal Resources, about possible activity in Surprise Valley where it has been heard by community that there will be surface discharge. Concerned rancher, Rick Springer, contacted me about this possible activity by a casino operator. Jack Truschel had not heard of any such activity, and will inform me if he does find out if any geothermal activity is to occur.
8. Witnessed Ormat SBH 21-5R BOPE tests prior to re-entry into well. Well to be cleaned out to bottom, removing scale.
9. Discussed permitting process with Dave Flint, Hycroft Resources, and Debbie Struhsacker, consultant to Hycroft Resources.
10. Discussed 'geothermal rights' issues with Diane Daniels. Ms. Daniels is with the Osage Nation in Oklahoma. Oklahoma is entering the geothermal arena. Diane Daniels wanted to know how Nevada established geothermal rights, as well as permitting and unitization issues.
11. Reviewed Vulcan Power's Patua 45-9 observation 7,000' well permit. Alan approved.
12. Reviewed Vulcan Power's Patua 45-15 observation 7,000' well permit. Alan approved.
13. Reviewed Vulcan Power's Patua 54-27 observation 7,000' well permit. Alan approved.
14. Responded to Kelly Franz, Sierra Geothermal, questions pertaining to geothermal EGS, processes and time frame for approval.
15. Reviewed Ormat Nevada's sundry notice for casing repair in the Steamboat Hills 21-5R well. Alan approved.

16. Witnessed Ormat Nevada BOPE tests on the Desert Peak 77-21 well. BOPE tests were conducted before Ormat Nevada's re-entry into the well to clean out scale.
17. Reviewed Enel North America's sundry for extended injection tests on their Salt Wells 33-25 (IW-12) injection well. Doug approved. Instructed Daren Daters to coordinate with Russ Land for UIC's requirements for the tests.
18. Homestretch Geothermal wants to sell geothermal fluids to UNR in order to supply additional water to the Walker River drainage basin. Andrea Minor of the Bureau of Reclamation brought this proposed action to our attention due to writing an EA for this action. Alan and I subsequently discussed Homestretch Geothermal's proposed actions with Tom Gallagher, Division of Water Resources, and Joe Maez, Nevada Department of Environmental Protection. We met on July 23rd with Tom Gallagher, Joe Maez, Sam Monteleone, Alan Tinney, Jon Palm, Kelvin Hickenbottom, and Karl Eitenmiller to discuss Homestretch Geothermal pending "brown water" discharge permit application with NDEP. We also discussed the existing NDEP discharge permit for Homestretch Geothermal's geothermal electrical generation, and Homestretch Geothermal's possibly selling geothermal fluids to UNR for discharge into the Walker River. On Wednesday, August 29th Cory Egbert gave us a tour of the Wabuska operation, explaining how the geothermal fluids produced from the PW-2 production well are utilized in the #1, #2, and #3 generators, as well as the diversion of the geothermal fluids in the surface discharge of the fluids. GPS coordinates were established for the PW-1, PW-2, 25-15, and 15-15 wells located on the property; the 25-15 and 15-15 wells are abandoned. PW-1 will be brought online if NDEP approves the pending permit for additional fluid discharge.
19. Reviewed Magma Energy's sundry notice to deepen the Soda Lake 41A-33 well from 6,500 feet to 7,500 feet. Doug approved.
20. Reviewed Hot Pot Geothermal's (Oski Energy) permit applications for twelve temperature gradient holes in Humboldt County, north of the Valmy. Doug approved.
21. Reviewed Ormat Nevada's sundry notice to plug back and sidetrack the Jersey Valley 87-28 production well. Doug approved.
22. Witnessed Enel North America's Stillwater 31A-30 twenty inch surface casing BOPE.
23. Reviewed Magma Energy's sundry notice to deepen the Soda Lake 41A-33 production well from 7,500 feet to 8,500 feet. Coordinated approval with the BLM due to the 41A-33 well entering their adjoin BLM lease at depth. Alan approved.
24. Talked with Mike Bundy, Alares Environmental, about permitting an observation well at the VA facility in Reno. Sent Mike information and forms related to permitting the well.
25. Attended the BLM geothermal lease sale in Reno on July 14th.
26. Attended the Teacher's Workshop on July 15th, where I met with a portion of the teachers and took them on a tour of the Ormat Nevada Galena 3 power generating facility at in the Steamboat Geothermal Field.
27. Reviewed Magma Energy's sundry notice to deepen the Soda Lake 41A-33 well from 7,500 feet to 8,500 feet. Alan approved.
28. Witnessed 13.375 inch BOPE tests for the Enel North America Stillwater 31A-30 production well.
29. Reviewed HSS II's sundry notice to re-enter and deepen the 57-8 production well at Hot Sulphur Springs. HSS II will deepen well to 6,500 feet and then run 9.625 inch slotted liner from 2200 feet to TD. Alan approved.
30. Reviewed HSS II's sundry notice to re-enter the 53-8 production well at Hot Sulphur Springs for the purpose of removing scale. Alan approved.

31. Reviewed five permit applications and drilling programs submitted by HSS II for production holes to be drilled at Hot Sulphur Springs. Applications were sent to NDOM unsigned. Permit applications were not signed, as well as permitting fees not received. Contacted Karen Kinsella, JBR Environmental in Elko, about lack of signatures and unpaid permitting fees. Currently waiting on signed applications and permitting fees for the five wells.
32. Reviewed Ormat Nevada's sundry notice to plug and abandon the Grass Valley 47-15 observation well. Alan approved.
33. Reviewed Ormat Nevada's sundry notice to plug and abandon the Grass Valley 67-16 observation well. Alan approved.
34. Reviewed Magma Energy's sundry notice to deepen the Soda Lake 41B-33 from 8,500 feet to 9,000 feet. Waiting on approval from BLM due to bore hole entering the adjoining BLM lease.
35. Spoke with Valeria Rose of Geoglobal Energy LLC about permitting process in Nevada. Ms. Rose told me that Geoglobal Energy LLC has active leases in Nevada. Sent Ms. Rose all associated permitting forms and informational materials.
36. Reviewed Magma Energy's sundry notice to replace slotted liner in the 45A-33 production well with 1 inch perforated liner. Alan approved.
37. Reviewed Magma Energy's sundry notice to deepen the 41B-33 production well from 8,500 feet to 9,000 feet. Alan approved.
38. Reviewed Ormat Nevada's McGinness Hills 28-10 and 86-16 production well permits application with Alan. Alan approved.
39. Witnessed 13.375 inch BOPE tests for the Enel North America Stillwater 53A-30 production well.
40. Reviewed Nevada Geothermal Power's sundry notice to move their Blue Mountain 25-11 permitted injection well location to a 46-11 location and change permitted depth from 6,000 feet to 7,000 feet. Alan approved.
41. Reviewed Nevada Geothermal Power's sundry notice to move their Blue Mountain 51-15 permitted production well location to a 71-15 location, change permitted depth from 6,000 feet to 9,000 feet, and reclassify permit as an injection well. Alan approved.
42. Reviewed Nevada Geothermal Power's sundry notice to reclassify their Pumpnickel Valley PVTG-3 temperature gradient hole as an observation well. Alan approved.
43. Reviewed Nevada Geothermal Power's sundry notice to reclassify their Pumpnickel Valley PVTG-5 temperature gradient hole as an observation well, and allow NGP to deepen hole from 1600 feet to 6,000 feet (core). Alan approved.
44. Reviewed NGP's sundry notice to reclassify their Pumpnickel Valley PVTG-7 and PVTG-9 temperature gradient holes as an observation wells. Alan approved.
45. Reviewed Nevada Geothermal Power's sundry notice to rename their Pumpnickel Valley PVTG-C to PVTG-2, and reclassify temperature gradient hole as an observation well. Alan approved.
46. Reviewed NGP's sundry notice to rename their Pumpnickel Valley PVTG-E to PVTG-1, and reclassify temperature gradient hole as an observation well. Alan approved.
47. Reviewed NGP's sundry notice to rename their Pumpnickel Valley PVTG-J to PVTG-4, and reclassify temperature gradient hole as an observation well. Alan approved.
48. Reviewed Enel North America's sundry notice to perform a 30 day injection test for their Stillwater 12A-6 injection well. Alan approved.
49. Reviewed Enel North America's sundry notice to perform a 30 day injection test for their Stillwater 81-1 injection well. Alan approved.

50. Reviewed Enel North America's sundry notice to replace down hole pump in their Stillwater 13-6 production well. Alan approved.
51. Wells drilling (7/3): Ormat Nevada Steamboat Hills 21-5R (cleanout, scale removal); Ormat Nevada Jersey Valley 87-28 (2,775'; drilling); Ormat Nevada Desert Peak 27-15 (rigging up for stimulation workover); Magma Energy Soda Lake 41B-33 (2211'; setting intermediate casing); Enel North America IW 12 (62-25) (839'; rigging down).
52. Wells drilling (7/10): Ormat Nevada Desert peak 77-21 (cleanout, scale removal); Ormat Nevada Jersey Valley 87-28 (2,775'; flowing well); Ormat Nevada Desert Peak 27-15 (stimulation workover); Magma Energy Soda Lake 41B-33 (5,147'; drilling); Enel North America Stillwater 31A-30 (moving rig onto location).
53. Wells drilling (7/17): Ormat Nevada Jersey Valley 87-28 (2,775'; waiting on cementers); Ormat Nevada Desert Peak 27-15 (stimulation workover); Magma Energy Soda Lake 41B-33 (7,368'; drilling); Enel North America Stillwater 31A-30 (904'; drilling).
54. Wells drilling (7/24): Ormat Nevada Jersey Valley 87-28 ST-1 (2,650'; drilling sidetrack); Ormat Nevada Desert Peak 27-15 (stimulation workover); Ormat Nevada Grass Valley 67-16 (moving GeoDrill 2 onto observation well to plug and abandon it); Magma Energy Soda Lake 41B-33 (8,490'; circulating, waiting on BLM's approval to drill further into the adjoining BLM lease); Enel North America Stillwater 31A-30 (1321'; rigging down; will move Barbour Rig #77 to the 53A-30 permitted location).
55. Wells drilling (7/31): Ormat Nevada Jersey Valley 87-28 ST-1 (2,930'; flow testing); Ormat Nevada Desert Peak 27-15 (stimulation workover); Ormat Nevada Grass Valley 67-16 (GeoDrill 2 plugged and abandoned this observation well); Ormat Nevada Grass Valley 47-15 (GeoDrill 2 is currently plugging and abandoning this observation well); Magma Energy Soda Lake 41B-33 (8,890'; drilling); Enel North America Stillwater 53A-30 (1213'; pulling out of hole for logs).

OIL AND GAS (LOWELL)

1. Reviewed Blackburn sundries for workovers in well numbers 3, 14, and 16. Number 3 sundry is to re-perforate/add pay in injection well. Number 14 sundry is to add artificial lift (pump) for Chainman zone and install blanking plug in permanent packer to isolate lower water zone. Number 16 sundry is to convert well from a producer to gas injection. Coordinated with Russ Land, UIC, resulting in pressure testing COA's for wells 3 and 16. Alan approved.
2. Worked on obtaining figures for the IOGCC 2008 Survey and forwarded them to Rachel Henderson at the IOGCC.
3. Reviewed Breck Energy's transfer of ownership forms for three wells in the Bacon Flat Field and three wells in the Sans Springs Field. Breck is acquiring the wells from DD Nevada. Doug approved.
4. Wells drilling (7/3): Rock Investment Group Isaiah #16-1 (1743'; stuck, top fish at 1429'.
5. Wells drilling (7/10): Rock Investment Group Isaiah #16-1 (1710'; sidetrack hole around fish).
6. Wells drilling (7/17): Rock Investment Group Isaiah #16-1 (3027'; sidetrack hole).
7. Wells drilling (7/24): Rock Investment Group Isaiah #16-1 (4170'; replacing draw works, substructure, and derrick in order to have hoisting capabilities for drilling a deeper hole).
8. Wells drilling (7/31): Rock Investment Group Isaiah #16-1 (4450'; drilling).

OTHER (LOWELL)

1. Attended CMR meeting on July 27th.