

EXHIBIT B

Magma McCoy II Unit NVN-88129X
Geothermal Exploration Project Operations Plan

CONDITIONS OF APPROVAL (COAs)

Term: The term for Geothermal Drilling Permits is two (2) years from the date of approval, but may be extended by BLM. The GDP term is intended to be commensurate with the Nevada NRS 534A.070

Drilling Operations

1. Once a drilling contractor has been selected, submit a detailed schematic of the BOP equipment, materials, and choke manifold you will use.
2. Once a cementing company has been selected, a complete cementing program for our review prior to commencing any cementing operations.
3. Notify the BLM & NDOM 24 hours prior to running and cementing any casing or production string.
4. Notify the BLM & NDOM 24 hours prior to testing BOPE.
5. Notify the BLM 12 hours prior to spudding, commencing drilling.
6. All operations shall be conducted in accordance with the Federal regulations and as outlined in Vulcan's approved GDP.

Pre-Construction

1. Roads to be constructed, improved or reclaimed as part of the Projects would be reviewed by the BLM and required to conform to the requirements the Gold Book (4th Ed revised 2007), as applicable to the intended Project Use.
2. Off road travel will be restricted to terrain with less than 30 percent slopes unless approved by the authorized BLM officer.
3. Proposed surface disturbance and vehicular travel will be limited to the approved well location and access route.
4. Any changes in well location, facility location, and access or site

expansion must be approved by the authorized BLM officer in advance.

5. The underside of all heavy equipment will be cleaned by water before entering federal lands to do work. Driving through or parking on noxious weed infestations will be avoided.

Well Pad and Facility Construction

1. The design of all facilities, including well pads, roads, and pumps, shall be approved by the authorized BLM officer prior to construction to avoid unnecessary conflicts with visual resources management objectives.
2. The reserve pit shall be fenced in conformance with the Gold Book (4th Ed revised 2007).
3. Drainage from disturbed areas will be confined or directed so that erosion of undisturbed areas is not increased. In addition, no runoff water (including that from roads) will be allowed to flow into intermittent or perennial waterways without first passing through a sediment-trapping mechanism. Erosion control structures may include: waterbars, berms, drainage ditches, sediment ponds, or other devices.
4. Access road construction for exploratory wells shall be planned such that a permanent road can be constructed considering field development.
5. Construction of access roads on steep hillsides and near watercourses will be avoided where alternate routes provide adequate access.
6. Access roads requiring construction with cut and fill will be designed to minimize surface disturbance and take into account the character of the landform, natural contours, cut material, depth of cut, where the fill material will be deposited, resource concerns and visual contrast.
7. Fill material will not be cast over hilltops or into drainages. Cut slopes should normally be no steeper than 3:1 and fill slopes no steeper than 2:1.
8. As required, fill slopes surrounding culverts will be rip-rapped with a well graded mixture of rock sizes containing no material greater than two feet or smaller than three inches. The ratio of maximum to minimum dimension of any rock shall not exceed 6:1.
9. Water turnouts needed to provide additional drainage will be constructed not to exceed two percent slope to minimize soil erosion.

10. Well site layout shall take into account the character of the topography and landform. Deep vertical cuts and steep long fill slopes shall be avoided. All cut and fill slopes should be constructed to the least percent slope practical.
11. Trash will be retained in portable trash cages and hauled to an authorized disposal site for disposal. Burial or burning of trash will not be allowed unless done at an authorized site.
12. Springs and water developments on public lands shall be used only with the prior written approval of the authorized BLM officer and the water rights holder.
13. To maintain esthetics values, all semi-permanent and permanent facilities will be painted to blend with the natural surroundings. The Standard Environmental Colors will be used for color selection.
14. Fences shall not be cut without prior approval of the authorized BLM officer. Before cutting through any fences, the operator shall firmly brace the fence on both sides of the cut; a temporary gate will be installed for use during the course of operations, unless the fence is immediately repaired. Upon completion of operations, fences shall be restored to at least their original condition.
15. As directed by the authorized BLM officer, cattle guards will be installed whenever access roads are through pasture gates or fences. These cattle guards shall be maintained by the geothermal operator/lessee. This includes cleaning out under cattle guard bases when needed.
16. The depth of surface soil material to be removed and stockpiled will be specified by the authorized BLM officer. If topsoil is stockpiled for more than one year, the stockpile shall be seeded or otherwise protected from wind and water erosion. The stockpile shall be marked or segregated to avoid loss or mixing with other subsurface materials. Any trees removed will be separated from soils and stockpiled separately.
17. Mud, separation pits and other containments used during the exploration or operation of the lease for the storage of oil and other hazardous materials shall be adequately fenced, posted or covered.
18. Lessee/operator shall comply with all regulatory requirements for storage and handling of hazardous materials and wastes.
19. If historic or archaeological materials (other than human remains) are

uncovered during construction, the operator is to immediately stop work that might further disturb such materials, flag the cultural resource from avoidance, and contact the authorized BLM officer. Within five working days the authorized BLM officer will inform the operator as to:

- a. whether the materials appear eligible for the National Register of Historic Places;
- b. the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,
- c. a time frame for the authorized BLM officer to complete an expedited review under 36 CFR 800.11 or other applicable Programmatic Agreement, to confirm, through the State Historic Preservation Officer, that the findings of the authorized BLM officer are correct and that mitigation is appropriate.

20. If human remains are exposed at any time during the course of the project, work shall cease within 100 meters (330 feet) of the find and the remains shall be protected from further damage or exposure. If the remains are on lands managed by the federal government, the BLM must be notified immediately. The BLM will assume responsibility for coordination with local authorities, NSHPO, and appropriate tribes for discoveries on federal land. Local authorities will determine whether the remains are of an unrecorded dead body as defined by Nevada statutes (NRS 440.020) and whether the remains are part of a crime scene. If the remains are part of a crime scene, local law enforcement shall assume jurisdiction and responsibility, and NSHPO and BLM for federal lands, will be immediately notified, by telephone or in person. This notification will be followed by a written notification. Work will not resume until authorized by the local authorities. If the remains are Native American, the federal agency will follow the procedures set forth in 43 CFR 10, the Native American Graves Protection and Repatriation Act.
21. No surface use will be permitted within 0.6 miles of occupied raptor aeries (nests) during the nesting and fledging period.
22. Fences shall be flagged with bright colored flagging at least every rod from visibility to wild horses. All fences should be constructed using green steel posts with white or silver tops to increase visibility. Fences should also avoid obvious horse migration routes (deep trails, stud piles) if

at all possible.

Field Operation

1. Operations shall be done in a manner which prevents damage, interference, or disruption of water flows and improvements associated with all springs, wells, or impoundments. It is the operator's responsibility to enact the precautions necessary to prevent damage, interference, or disruptions.
2. Unauthorized use or failure to lock gates during specified time frames by the lessee or its subcontractors would be considered a violation of the terms of the GDP or associated grants.
3. The operator shall regularly maintain all roads used for access to and within the lease units. A Maintenance and Dust Management Plan may be required. A regular maintenance program may include, but not be limited to: BLM authorized upgrading of existing roads, blading, ditching, culvert, drainage installation, and graveling or capping of the roadbed.
4. Management actions within riparian areas will be designed to maintain or, where possible, improve riparian habitat condition.
5. Noxious weeds which may be introduced due to soil disturbance and reclamation will be treated by methods to be approved by the authorized BLM officer. These methods may include biological, mechanical, or chemical. Should chemical methods be approved, the lessee must submit a Pesticide Use Proposal to the authorized BLM officer 60 days prior to the planned application date.
6. All drill rig and well test facility lights will be limited to those required to safely conduct the operations, and will be shielded and/or directed in a manner which focuses direct light to the immediate work area.
7. If previously unrecorded cultural resources are encountered during grading or other surface-disturbing activities, all grading or other surface-disturbing activities at the location of the discovery will cease within 100 meters/330 feet of the discovery, and the BLM would be notified. No surface disturbing activities will be allowed until the BLM authorized officer issues a Notice to Proceed (NTP) based upon the evaluation, mitigation, as necessary, and the acceptance of a summary description of the fieldwork performed for the discovery situation.
8. Petroleum products such as gasoline, diesel fuel, helicopter fuel, crankcase

oil, lubricants, and cleaning solvents used to fuel, lubricate, and clean vehicles and equipment will be containerized in approved containers.

9. Hazardous material shall be properly stored in separate containers to prevent mixing, drainage or accidents. Hazardous materials shall not be drained onto the ground or into streams or drainage areas.
10. Totally enclosed containment shall be provided for all solid construction waste including trash, garbage, petroleum products and related litter will be removed to an authorized sanitary landfill approved for the disposal of these classes of waste.
11. All construction, operation, and maintenance activities shall comply with all applicable federal, state, and local laws and regulations regarding the use of hazardous substances and the protection of air and water quality.
12. In construction areas where recontouring is not required, vegetation will be left in place wherever possible and the original contour will be maintained to avoid excessive root damage and allow for resprouting.
13. Watering facilities (e.g., tanks, developed springs, water lines, wells, etc.) will be repaired or replaced if they are damaged or destroyed by construction activities to its pre-disturbed condition as required by the authorized BLM officer.

Reclamation and Abandonment

1. The operator or contractor will contact the authorized BLM officer 48 hours prior to reclamation work.
2. Restoration work may not begin on the well site until the reserve pits are completely dry.
3. Disturbed areas will be recontoured to blend as nearly as possible with the natural topography prior to revegetation with a BLM approved seed mix. This includes removing all berms and refilling all cuts. Compacted portions of the pad will be ripped to a depth of 12 inches unless in solid rock.
4. Site preparation for reclamation may include contour furrowing, terracing, and reduction of steep cut and fill slopes, installation of water bars, etc.
5. All portions of the access roads not needed for other uses as determined by the authorized BLM officer will be reclaimed.

6. The stockpiled topsoil will be spread evenly over the disturbed area.
7. The operator will be required to construct waterbars and re-open drainages on abandoned access roads and pipeline routes to minimize erosion as required. Water bars will be spaced appropriately dependant upon topography and slope. Pipeline routes shall be water-barred perpendicular to the fall-line of the slope.
8. The area is considered to be satisfactorily reclaimed when all disturbed areas have been recontoured to blend with the natural topography, erosion stabilized and an acceptable vegetative cover has been established.
9. Rehabilitation shall be planned on the sites of both producing and abandoned wells. The entire site or portion thereof not required for the continued operation of the well should be restored as nearly as practical to its original condition. Final grading of back-filled and cut slopes will be done to prevent erosion and encourage establishment of vegetation.
10. When sites are abandoned, they will be inventoried for the presence of noxious weeds and treated if noxious weeds are present.
11. Seed and mulch used to reclaim disturbed areas must be weed free. Mulching of the seedbed following seeding will be required under certain conditions (i.e., expected severe erosion), as determined by the authorized BLM officer.
12. Seed will be broadcast between November and February using a site-specific seed mixture and depth of planting as determined by the authorized BLM officer. Seed may be applied with a rangeland drill at half the rate of broadcast seeding. All seeding application rates will be in pounds of pure live seed per acre. Seed should be adapted varieties.