

**Aurora Geothermal Leasing Analysis**

**Table 1: Initial Leasing Decisions** (Adapted from *Decision Notice Table 2: Environmental Risk Descriptions* from BLM 2006 EA)

Township/Range	Section	Lease Applicant	Serial Number	Descriptions	RiskLevel*	2007 decision
<b>North Aurora Lease Area</b>						
6N 27E	4	VULCAN POWER CO	N79888	Sage grouse brood rearing habitat. E/2 private.	High	NON-CONSENT
6N 27E	5	VULCAN POWER CO	N79888	Sage grouse brood rearing habitat.	High	NON-CONSENT
6N 27E	6	VULCAN POWER CO	N79888	Sage grouse brood rearing habitat. Portions of SW/4 exceed 40% slope.	High	NON-CONSENT
6N 27E	8	VULCAN POWER CO	N79888	Sage grouse brood rearing habitat.	High	NON-CONSENT
6N 27E	9	VULCAN POWER CO	N79889	Sage grouse brood rearing habitat.	High	NON-CONSENT
7N 27E	30	VULCAN POWER CO	N79890	Within BLM E. Walker Scenic Area, NE/4 withdrawn to mineral entry. E/2, W/2 private. Portion of S/2 and SE/4 have slopes >40%.	High	NON-CONSENT
7N 27E	31	VULCAN POWER CO	N79890	Subject to management of Rough Creek for Lahontan Cutthroat Trout habitat. Pygmy rabbit and sage grouse habitat.	Low	CONSENT
7N 27E	32	VULCAN POWER CO	N79890	Portions of SE/4 with slopes >40%. Subject to management of Rough Creek for Lahontan Cutthroat Trout habitat. Pygmy rabbit and sage grouse habitat.	Low	CONSENT
7N 27E	33	VULCAN POWER CO	N79890	Subject to management of Rough Creek for Lahontan Cutthroat Trout habitat. Pygmy rabbit and sage grouse habitat.	Low	CONSENT
<b>South Aurora Lease Area</b>						
5N 27E	12	VULCAN POWER CO	N79885	No Cultural Resource data. Lahontan Cutthroat Trout management area. Portions of W/2 has slopes >40%.	High	NON-CONSENT
5N 27E	13	VULCAN POWER CO	N79885	No Cultural Resource data. Lahontan Cutthroat Trout management area. Portions along Aurora Creek have slopes >40%.	High	NON-CONSENT
5N 27E	14	VULCAN POWER CO	N79885	No Cultural Resource data. Lahontan Cutthroat Trout management area. Portions along Del Monte Creek have slopes >40%.	High	NON-CONSENT
5N 28E	2	VULCAN POWER CO	N74249	Four Cultural Resource sites recorded with low-moderate probability. Wild horse range.	Low	CONSENT
5N 28E	3	VULCAN POWER CO	N74249	Cultural Resource sites in NE/4, but the rest of the sections has low probability. Wild horse range.	Low	CONSENT
5N 28E	4	VULCAN POWER CO	N74249	No known Cultural Resource sites. Wild horse range. 80 ac. private.	Low	CONSENT

**Aurora Geothermal Leasing Analysis**

**Table 1: Initial Leasing Decisions** (Adapted from *Decision Notice Table 2: Environmental Risk Descriptions* from BLM 2006 EA)

Township/Range	Section	Lease Applicant	Serial Number	Descriptions	RiskLevel*	2007 decision
5N 28E	5	VULCAN POWER CO	N74249	Aurora Crater area has slopes that exceed 40% slopes. 160 ac. of section private.	High	NON-CONSENT
5N 28E	6	VULCAN POWER CO	N79886	Aurora Crater area has slopes that exceed 40% slopes. 120 ac. of section private.	High	NON-CONSENT
5N 28E	7	VULCAN POWER CO	N79886	Aurora Crater has slopes that exceed 40% slopes. E/2, SE/4 private.	High	NON-CONSENT
5N 28E	8	VULCAN POWER CO	N79886	Aurora Crater has slopes that exceed 40%. SW/4, SW/4 private.	High	NON-CONSENT
5N 28E	9	VULCAN POWER CO	N74250	Multiple Cultural Resource sites that can be avoided.	Low	CONSENT
5N 28E	10	VULCAN POWER CO	N74250	1 Cultural Resource site recorded with a low probability. Wild horse range. 80 ac. private (Metallic Ventures).	Low	CONSENT
5N 28E	11	VULCAN POWER CO	N74250	1 large Cultural Resource site in NE/4, mostly low probability. Threatened and Endangered Species present. Sage grouse concerns. 40 ac. private.	High	NON-CONSENT
5N 28E	15	VULCAN POWER CO	N74250	Sage grouse habitat.	High	NON-CONSENT
5N 28E	16	VULCAN POWER CO	N74251	Several large Cultural Resource sites recorded with a high probability for more. Sage grouse habitat. 80 ac. private.	High	NON-CONSENT
5N 28E	17	VULCAN POWER CO	N79886	Historic Chesco Mine. Section mostly private (Metallic Ventures).	High	NON-CONSENT
5N 28E	18	VULCAN POWER CO	N79883	Nat'l Register townsite of Aurora. East half of section private (Metallic Ventures). Portion in SW/4 exceed 40% slope.	High	NON-CONSENT
5N 28E	19	VULCAN POWER CO	N79883	Section mostly private (Metallic Ventures). Sage grouse and wild horse management areas. Portions exceed 40% slope.	High	NON-CONSENT
5N 28E	20	VULCAN POWER CO	N79883	About 1/4 of section private (Metallic Ventures). Sage grouse and wild horse management areas. Portions exceed 40% slope.	High	NON-CONSENT
5N 28E	21	VULCAN POWER CO	N79883	Sage grouse and wild horse management areas.	High	NON-CONSENT
5N 28E	22	VULCAN POWER CO	N79884	High probability of Cultural Resource sites in SW/4. Sage grouse and wild horse management areas.	High	NON-CONSENT
5N 28E	29	VULCAN POWER CO	N79884	Sage grouse and wild horse management areas.	High	NON-CONSENT
5N 28E	30	VULCAN POWER CO	N79884	Approx 1/4 section private (Metallic Ventures). Sage grouse and wild horse management areas. Portion exceeds 40% slope.	High	NON-CONSENT
5N 28E	31	VULCAN POWER CO	N79884	Threatened and Endangered Species concerns. Sage grouse and wild horse management areas.	High	NON-CONSENT

**Aurora Geothermal Leasing Analysis**

**Table 1: Initial Leasing Decisions** (Adapted from *Decision Notice Table 2: Environmental Risk Descriptions* from BLM 2006 EA)

Township/Range	Section	Lease Applicant	Serial Number	Descriptions	RiskLevel*	2007 decision
5N 28E	32	VULCAN POWER CO	N79887	Threatened and Endangered Species concerns. Sage grouse and wild horse management areas.	High	NON-CONSENT
5N 28E	33	VULCAN POWER CO	N79887	Entire section giant Cultural Resource site. Sage grouse and wild horse management areas.	High	NON-CONSENT
6N 28E	13	VULCAN POWER CO	N74252	Approx N/2 is BLM. High probability of Cultural Resource sites. Sage grouse issues.	High	NON-CONSENT
6N 28E	14	VULCAN POWER CO	N74252	All but 2 acres is managed by BLM.	High	NON-CONSENT
6N 28E	22	VULCAN POWER CO	N74252	S/2 is NFS land. 2 Cultural Resource sites recorded with a high probability for more. Sage grouse issues.	High	NON-CONSENT
6N 28E	23	VULCAN POWER CO	N74252	Most of section is NFS land. 1 large Cultural Resource site recorded with a high probability for more. Sage grouse issues. 40 ac. private.	High	NON-CONSENT
6N 28E	24	VULCAN POWER CO	N74253	2 Cultural Resource sites recorded with a high probability for more. Sage grouse issues.	High	NON-CONSENT
6N 28E	26	VULCAN POWER CO	N74253	2 Cultural Resource sites recorded with a high probability for more. Sage grouse issues.	High	NON-CONSENT
6N 28E	27	VULCAN POWER CO	N74253	3 large Cultural Resource sites in N/2. Portion of SW/4 exceed 40% slope.	Low	CONSENT
6N 28E	28	VULCAN POWER CO	N74253	No known Cultural Resource sites. Pygmy rabbit and sage grouse habitat.	Low	CONSENT
6N 28E	32	VULCAN POWER CO	N74254	No known Cultural Resource sites. Pygmy rabbit and sage grouse habitat.	Low	CONSENT
6N 28E	33	VULCAN POWER CO	N74254	No known Cultural Resource sites. Pygmy rabbit and sage grouse habitat.	Low	CONSENT
6N 28E	34	VULCAN POWER CO	N74254	No known Cultural Resource sites. 160 ac. private.	Low	CONSENT
6N 28E	35	VULCAN POWER CO	N74254	NE/4 high probability of Cultural Resource sites with the rest of the section with a low probability. 120 ac. private.	Low	CONSENT
<p>*Risk Levels: L=Low, M=Moderate, H=High. Resource specific risk based upon the presence and extent of resources within a proposed lease section; extent of resources in the surrounding area; quality of existing data; and implementation of Standard Operating Procedures and Conditions of Approval (EA, Appendix B), and USFS Standard Lease Stipulations (EA, Appendix C)</p>						