CALENDAR ITEM

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06/21/13 PRC 8949.2 N. Saito

CONSIDER APPROVAL FOR A TWO-YEAR EXTENSION OF STATE GEOTHERMAL RESOURCES PROSPECTING PERMIT PRC 8949.2, INYO COUNTY

PERMITTEE:

Deep Rose Development, LLC Attn.: Mr. Chuck Harris 809 Broadway, Suite 3 Sonoma, CA 95476

AREA, TYPE LAND AND LOCATION:

Approximately 640 acres of fee owned State School Lands comprising all of Section 16, Township 21 South, Range 38 East, Mount Diablo Baseline and Meridian, Inyo County (see Exhibit A, attached hereto), approximately 20 miles south of Owens Lake, near the Coso Geothermal Field.

BACKGROUND:

On September 1, 2011, the California State Lands Commission (Commission) issued State Geothermal Prospecting Permit PRC 8949.2 to Deep Rose Development, LLC (Deep Rose or Permittee) to allow for prospecting of geothermal resources.

On May 6, 2013, Deep Rose submitted a request for a two-year extension pursuant to Paragraph 1 of Permit PRC 8949.2. If Permit PRC 8949.2 is extended, the Permittee will be required to pay an annual rent of twenty-five dollars (\$25.00) per acre for the third and fourth years. The Permittee has a Conditional Use Permit from the Inyo County Planning Department granting permission to drill up to four geothermal exploration wells. The Permittee also has a right-of-way over adjacent U.S. Bureau of Land Management lands to construct a dirt access road to the State parcel.

During the past two years, Deep Rose has spent in excess of \$4,500,000 in pursuit of this project. Road construction is restricted to the months of May –

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October due to snow and requires blasting in small areas. Deep Rose has indicated that road construction is expected to be finished by September 2013 since seven of the eight miles are completed, and construction of a drill site is anticipated to be completed by November 2013. A Mitigated Negative Declaration (MND) (SCH# 2005121125) was prepared by the Division of Oil, Gas, and Geothermal Resources (DOGGR) and adopted on March 28, 2006, for this project. A Mitigation Monitoring Program (MMP) was adopted by DOGGR and is still in effect. Deep Rose expects to obtain a qualified drilling contractor prior to November 2013, following the completion of the drill pad.

STATUTORY AND OTHER REFERENCES:

- A. Paragraph 1 of State Geothermal Resources Prospecting Permit PRC 8949.2.
- B. Public Resources Code section 6891.

OTHER PERTINENT INFORMATION:

- 1. The Commission staff has reviewed DOGGR's MND and MMP as specified above.
- 2. This activity involves lands identified as possessing significant environmental values pursuant to Public Resources Code section 6370 et seq., but such activity will not affect those significant lands. Based upon the staff's consultation with the persons nominating such lands and through the CEQA review process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.
- 3. Permit PRC 8949.2 provides that upon discovery of geothermal resources in commercial quantities, the Permittee shall have a preferential right to a geothermal resources lease, subject to approval by the Commission.

EXHIBITS:

- A. Location Map
- B. Mitigation Monitoring Program (MMP)

RECOMMENDED ACTION:

It is recommended that the Commission:

CEQA FINDING:

Find that a Mitigated Negative Declaration, State Clearinghouse No. 2005121125, and a Mitigation Monitoring Program were prepared by DOGGR and adopted on March 28, 2006, for this Project and that the

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Commission has reviewed and considered the information contained therein.

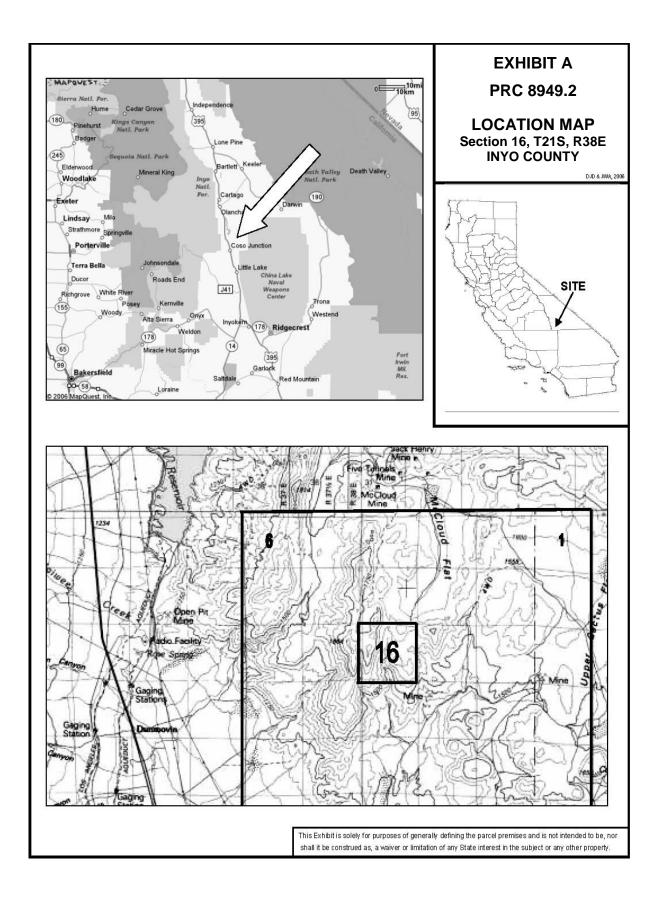
Adopt the Mitigation Monitoring Program, as contained in Exhibit C, attached hereto.

SIGNIFICANT LANDS INVENTORY FINDING:

Find that this activity is consistent with the use classification designated by the Commission for the land pursuant to Public Resources Code section 6370 et seq.

AUTHORIZATION:

- 1. Authorize the extension of Geothermal Resources Prospecting Permit PRC 8949.2 through September 1, 2015, with all terms and conditions of the permit to remain in full force and effect. Under such terms of the permit, the rent will be \$25 per acre.
- 2. Authorize the Executive Officer or her designee to execute any documents necessary to implement the Commission's action.



MITIGATION MONITORING, COMPLIANCE AND REPORTING PROGRAM

1.0 Introduction

Section 21081.6 of the Public Resource Code requires all state and local agencies to establish monitoring or reporting programs whenever approval of a project relies upon a mitigated negative declaration or an Environmental Impact Report (EIR). The monitoring or reporting program must ensure implementation of the measures to mitigate or avoid the potential for significant adverse environmental impacts identified in a mitigated negative declaration or EIR. (Tracking CEQA Mitigation Measures Under AB1380, Third Edition, March 1996.)

The following Mitigation Monitoring, Compliance and Reporting Program (MMCRP) has been prepared to meet the California Environmental Quality Act (CEQA) requirements for preparing a MMCRP for the *Draft EA/IS for the Deep Rose Geothermal Exploration Project*. The enforcement responsibilities for each mitigation measure would vary depending upon the agency and issues involved. Enforcement measures may include a written notice of violation, fines levied in exceedances of specified standards, or suspension of activities that may affect endangered species, significant cultural resources or human health and safety.

The Division of Oil Gas and Geothermal Resources (DOGGR) may delegate duties and responsibilities for monitoring to other environmental monitors or consultants as deemed necessary, and some monitoring responsibilities may be assumed by responsible agencies, such as affected jurisdictions and cities, and the California Department of Fish and Game (CDFG). The number of construction monitors assigned to the project will depend on the number of concurrent construction activities and their locations. The California State Lands Commission (SLC) or its designee(s), however, will ensure that each person delegated any duties or responsibilities are qualified to monitor compliance.

Mitigation measures and monitoring are only required for those resource areas for which the potential for significant environmental impacts have been identified within the Draft EA/IS. For the proposed project these resources include: geology/soils, hydrology, biological resources, cultural resources, air quality, noise, and hazardous materials and health & safety, and transportation. For all remaining resources, the proposed project would not result in any associated significant environmental impacts, and therefore do not have any mitigation monitoring requirements.

Table MMCRP-1 summarizes the impacts and mitigation for the Proposed Action. A more detailed discussion of impacts for each resource can be found in the Environmental Consequences section (Chapter 4) of the Deep Rose Geothermal Exploration Project Environmental Assessment/Initial Study/Mitigated Negative Declaration. For the purposes of this MMCRP, each mitigation measure will be referenced as identified in Table MMCRP-1.

1.1 Monitoring Authority

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Primary monitoring activities for the proposed project will be the responsibility of Environmental Monitors (EMs) who will coordinate closely with personnel form the DOGGR program office and the BLM Ridgecrest Field Office. Both offices have managed similar projects, and have extensive experience in geothermal drilling and environmental management. The BLM would have the primary responsibility of oversight of the access road and waterline, and DOGGR would have primarily responsibility for the well pad site and all exploratory activities on State lands. All documentation generated under this MMCRP will be available for review at either the DOGGR state program office in Sacramento, California or at the BLM Filed Office in Ridgecrest, California.

Several EMs will be on-site throughout project construction and drilling, and routine monitoring will be conducted by DOGGR and BLM personnel. This will constitute the fundamental standard of compliance criteria to ensure proper implementation of ALL proposed mitigation measures, as defined in the Draft EA/IS. Observance of noncompliance will be documented by the EM and forwarded to the construction/drilling contractor for immediate corrective action. The DOGGR or BLM will suspend activities if remedial activities do not comply with the mitigation measures.

The proposed project is also under the regulatory management of the Great Basin Air Pollution Control District (GBAPCD) for air quality issues such as hydrogen sulfide, oxides of nitrogen, and fagitive dust management, as well as the Lahontan Regional Water Quality Control Board (LRWQCB) for groundwater and waste discharge management. Regulatory personnel from these agencies are expected to monitor the project and will provide written reports of noncompliance to the DOGGR/BLM.

1.2 Enforcement Responsibility

For those portions of the Proposed Project which occupy California State Lands, The DOGGR is responsible for enforcing the procedures adopted for monitoring through the environmental monitor assigned to each construction spread. Any assigned environmental monitor shall note problems with monitoring, notify appropriate agencies or individuals about any problems, and report the problems to the SLC or its designee.

1.3 Mitigation Compliance Responsibility

The Applicant is responsible for successfully implementing all the mitigation measures in the MMCRP, and is responsible for assuring that these requirements are met by all of its construction contractors and field personnel. Standards for successful mitigation also are implicit in many mitigation measures that include such requirements as obtaining permits or avoiding a specific impact entirely. Other mitigation measures include detailed success criteria. Additional mitigation success thresholds will be established by applicable agencies with jurisdiction through the permit process and through the review and approval of specific plans for the implementation of mitigation measures.

1.4 General Monitoring Procedures

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The DOGGR (on California State Lands) and the environmental monitor(s) are responsible for integrating the mitigation monitoring procedures into the projects daily operations with Deep Rose LLC. In order to oversee the monitoring procedures and to ensure success, the environmental monitor assigned to each construction spread must be on site during that portion of construction that has the potential to create a significant environmental impact or other impact for which mitigation is required. The environmental monitor is responsible for ensuring that all procedures specified in the monitoring program are followed.

1.5 Summary of Environmental Impacts and Mitigation and Monitoring Measures

Table MMCRP-1 summarizes the Deep Rose Geothermal Exploration Project's mitigation measures as required in accordance with the project's Mitigated Negative Declaration, as well as the responsible governing agency overseeing the specific mitigation measure.

	TABLE MMCRP-1 Deep Rose Geothermal Exploration Project Mitigation, Monitoring, and Reporting Plan Summary of Environmental Impacts, Mitigation, and Monitoring Measures for the Proposed Action.
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,		GEO-I:	Consistent with Best Management	A BLM Field	BLM and
			drainage control devices and	Representative and Environmental Monine	Environmental
			measures will be incorporated into	(EM) would be on-site	Decomposition
		1	the road and well pad design (e.g.,	during construction	
			drainage ditches, cross drains,	activities to verify and	
			culverts, out-sloping, and energy	ensure that mitigation	
			dissipators) at sufficient intervals	measures to control and	
			and intensities to adequately control	direct surface nuclf are	
			and direct surface runoff above.	molement w	
	,		below, and within the read and well		
			pad environments to avoid erosive		
			concentrated flows. The amount of		
			vegetation cleared will be kept to a		
			minimum to accommodate all		
	-		necessary project components.		
Geology and	Impacts to soils from	GEOS	Water will be applied to disturbed	The EM would verify that	Environmental
Soils	water erosion, wand		areas and windrowed topsoil during	mitigation is followed.	Monitor
	erosion, and		construction to reduce the impacts to		
	compaction.		soil from wind erosion.		
		010	Project vehicles would be restricted	The EM would verify that	Fuvironmental
			to designated roads and well pud	mitigation is followed.	Monitor
			area. No off-road travel would be		
	-		permitted.		
		GEO-4:	Adequate freeboard in the reserve	Random field inspections	DOGOR
			pit will be maintained to avoid the	by DOGGR inspectors	
			discharge of geothermal brine	during drilling would	
			and/or drilling muds to surrounding	verify that mitigation is	
			soils caused by reserve pit	followed.	
			overflows.		
		GEOSE	Water pipelines would be inspected	The EM would verify that	Environmental
			daily to eliminate the potential for	mitigation is followed.	Monitor

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	inspections aspectors r would igation is and a sud a consite otion sture sture otion sture inspection	DOCGR BLM and Environmental Monitor
GEO-6: To reduce the risk of soil erosion due to blowouts, routine testing would be conducted on a BOPE in accordance with DOOGR requirements. GEO-7: Up to 4 inches (10 cm) of topool would be selectively stripped and stalvaged from all newly disturbed areas. Topsoil would be stockpiled in several areas at the Deep Roose project site and revegetation at the firme of final real matter. To reduce the success of mation. GEO-8: If the resource is proved to be unsuiced sover vegetation with an emphasis on intive species that possess the ability to root quickly. GEO-8: If the resource is proved to be unsuccess full upgraded access roads will be restored to neur pre-existing contours at the well pad and all upgraded access roads will be reclaimed to their original width of approximately six feet (1.8 m).	8	OCIGR LM and avironmental soulour
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l d		BLM and
Jo q		Environmental
June 1	Environmental Monitor M	Monitor
	EM) would be on-site	
	during reclamation to	
	cosure the success of	
	Initial reclamation	
a ness areas would ripped to reduce activities.	ies	
compaction, covered with topsoil,		
stind researched with BLM approved		
seed mixtures as described in		
Appendix B - Reclamation Plan for		

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		1 100 100	- 82			
		HYD-1:		A field inspection by a DOOGR inspector during construction of the well	DOOGR	
			ground surface on the lowest point within the nit To servest serves	pad and associated		
	Potential impacts water resources from		of fluids, the reserve pit will be	insure proper construction		
	reserve pit overflow		compaction or lined with an	of the reserve put.		
	on betrebuilder.		impermeable polyethylene liner. If		-	
	-		utilized, lineits would be of a			
			withstand normal installation and	1		
		HYD-2:	-	The LRWQCB will serify	LRWOCB	
			Control bine of a Storm Water Pollotion	that Deep Rose has		
Water			related storm write receipt or	summined a SWPCP to		
Resources			required by the LRWOCB storm	ure receired prior to		
			water National Pollution Discharge	construction activities and		
			Elimination System (NPDES)	has been issued a NPDES		
	I imited immete to		permit requirements for "Discharges	permit for "Dischargus to		
	confine waters		to Land with a Low Threat to Water	Lend with a Low Threat		
	TOTAL CONTRACTOR ADDRESS		Control Board Order No. 99-08	to Wator Quality" and State Writer Decomposi-		
			DWO for storm water runoff	Control Bosed Order No.	-	
			associated with construction	99-08.		
			activity. All conditions and			
			stipulations of the permits issued by			
			LKW(CB will be incorporated as			
			standard operating procedures for			
	Hazard of potential	HVD.3.	HVD-3. Deen Pres will implement a \$11	at an other states		
	release of liquid		Prevention, Control, and	the LKWQUB will verify that Deen Rose has	LRWQCB	
	petroleum products to		Compressentes (SPCC) Plan	and the second s		

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December 2005

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	ALC: NOT ALC		MUNCATION MEASURES	MEASURIS	KNITTY
	persons and the		in accordance with 40 CFR Part	SPOC plan prior to	
	COLVERNMENCE		1.12, dated December 1973 with	commencement of	
			handling and call second hydrocarbon	construction activities.	
	1. 		will submit the class to the		
			LRWQCB prior to the		
			commencement of construction.		
		11-018	All areas to be disturbed will have	The EM would verify that	Environmental
			boundaries flagged prior to	mitigation is followed.	Monitor
			construction and all disturbances		
	Impacts to natural		will be confined to the flagged		
	Vepetation		areas. All employees will be		
	communities		instructed that their activities must	1	
			be confined to locations within the		
			flagged areas. Deep rose will have		
			environmental monitors causite		
			during construction activities		
Biological	Increased potential	BIO-2:	All construction aminesed will be	The DM	
Resources	for the limited		power washed prior to its arrival at	mitionton is followed	E.I.V.FOOIDEUER
	invasion and		the project sits to nevent the		Internet
-	establishment of		transportation and establishment of		
	noxious weed		noxious weeds in the project area		
	species.				
		BIO-3;	During reclamation, all disturbed	A BI M Biald	Df 14
			areas will be appropriately tonsolled	Reneworkstive and Ebd	Descharated
	The second se		and seeded with a BLM/DOCOR	would be see also deaders	Advantation in the second s
	minute or manual		annowed seed wire new the	Smith of the month of the second	10110014
	wegetation.		second from the second term and the second se	Commandon activities to	
	communities.		B. Backwords output for the polarity	venty and insure that all	
			D = ACCOUNTION FAIL YOF ME LINED	disturbed areas are	
			roote Geothermal Exploration	appropriately topsoiled	
	Internan in that	BTO 4.	r tuyect.	and seeded.	-
	motionial for illand		LO avoid the potential for montality	The EM would verify that	Environmental
	will and harmonian		and narassiment of whidhle, all	mitigation is followed.	Monitor
	of withits		LITERITIES AND ONGS WILL be prohibited		
	ALL IN LEASE INC.		from the project site and all workers		

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		時に対応に		MEASIBES	ATTRIVE
		-	will be required to check under their		
			vehicles prior to departing the project site.		
	Potential to foster an	BIO-5:	Trash and food items will be	The EM would verify that	Environmental
	un-natural increase in		disposed of promptly in predator-	mitigation is followed.	Monitor
	opportunistic		proof containers with rescalable lids.		
	prodators in the		Trush containers will be removed	i,	
	project area.		regularity (at least once per week).		
			This effort will reduce the		
			attractiveness of the area to		
			opportunistic predators such as		
	1		coyetes, kit foxes, and common		
			ravens.		
		B10-6:	A maximum speed limit of 25 miles	The FM woold verify that	Environmental
The second second			per hour, where otherwise neated.	mitization is followed	Monitor
DIOLOGICAL	Deteration from discout		will be maintained while traveling		And and a second se
Resources	F CAURTURE LOF GIFFOR		on unpayed access roads on the		
	All the second of the second second		project site. This effort will reduce		
	-	1	the potential for vehicle-wildlife		
τ.			related collisions.		
		BIO-7:	Prior to the caset of construction,	A BLM Field	RIM
			Deep Rose and the BLM will	Representative would be	Number of the second seco
	Potential for direct		examine the potential for the	on-site prior to the start of	
	and indirect		development of one or more	construction to locate	
	displacement of some		guzzlets in the project area as a	potential areas that would	
	wildlife species and		source of water for wildlife (and in-	to suitable for guzzler	
	wild horses in		particular, wild horses). Water for	development.	
	perticular.		the implementation of this offort		
			would come from either the water		
			line or water sterage trucks.		
	Direct and indirect	BIO-8:	Under the proposed CDFG Section	Prior to any ground	CDF0
	impacts to the		20081 permit, the Project Applicant	disturbing activities,	
	Mojave ground		will acquire compensatory lands at a	CDFG will issue an	
	squirrel.		3: I ratio within twelve months of	Incidental Take Permit for	

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		Contract of the Party of	APPENDENT OF A CALLER OF A DAMAGE OF A CALLER OF A CAL	C CURNERADINES	I TRUE
			Project site. The Project Applicant	with Deep Rose on the	
			will acquire a maximum 40 acres	acquisition of an	
			(16 ha) of offsite lands suitable for	appropriate amount of	
			Mohave ground squirrel, and will	off-site compensation	
			provide funding to CDFG for	lands for the Mojawe	
×*			implementation and enhancement	ground squirrel.	
			activities for habitat acquired, and to		
			perform long-term management of		
			the acquired habitat in perpetuity for		
			the Mohave ground squimel. The		
		-	location and conservation		
)		management of the identified		
			concensatory lands shall be		
			approved by the California		
			Demonstrate of Side and Comm	1	
	,		Conversion on China Change		
			(CUPIC) pursuant to Section 2081 of		
			the California Fish and Game Code.		
Biological		BIO-9:	A brief Worker Environmental	The EM would verify that	Environmental
Resources			Awareness Program (WEAP) will	mitiestion is followed	Monitor
			be implemented for construction and		
			drilling crews prior to the		
			commencement of review webuilting		
			Timining materials and briefloos with		
			Interfaction to the first second second as		
	Consult (seconds to		Include out not be immed to.		
			discussion of the Federal and State	i	
	peological resources.		ESAs, the consequences of		
			noncompliance with these acts,		
			identification and values of wildlife		
			and natural plact communities.	1	
			hazardous substance spill prevention		
			and containment measures, and		
			review of all required and		
			recommended mitigation measures.	-	1
Cultural	Impacts to potentially	CUL-1:	If the evaluation program	BI.M will weily Deep	BIN
Resources	significant		determines that one or more of the	There is a second property of the	DUM.

ENVIRONMENTAL ASSESSMENT/INITIAL STUDY/MITIGATED NEGATIVE DECLARATION DEEP Rose Geothermal Exploration Project

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RESOURCE	IMPACIS		MITICATION MEASURES	MEASURES	ENTITY
	archaeological		sites are eligible for inclusion in the	development and	
	500077105007		National Register, a treatment plan	implementation of an	
			will be developed by Deep Rose and	approved treatment plan	
			DLAN ADAVOT UNC LA LIDOTTA STATE	for cultural resources.	
			Lands Commission (SLC)		
			(depending on the site's location) in		
			consultation with the State Historic		
			Preservation Office (SHPO), and		
			will be implemented prior to the		
			start of construction.		
		CUL-2:	If archaeological resources were	BLM and DOGOP would	Reedomments.
			discovered during construction of	workfur that well-contine in	Marrie Process
			the well ned or mod all work in the	fullowed	PROBING, LAUAUR,
			immediate vicinity would be	"Industry where the	MULS DOB
			answerded some file a star free of the		
			suspended pendang sue investigation.		
			by a LUUKNIK/BLM approved		
Cultural	Impacts to potentially		archaeologist to assess the materials	а.	
Resources	algnificant		and determine their significance. If		
	archaeological		the archaeologist determines that the		
	Inesources.		resource is potentially significant,		
			construction in the immediate area		-
			would not resume until the BLM		
			Authorized Officer (AO) and SHPO		
			have been consulted and the		
			resources appropriately evaluated		
			and treated in accordance with		
			mitigation measure CUL-1.		
		CULA:	81 M	BLM would verify that	BIM
			discover human remains, all work in	mitigation is fullowed	
			the vicinity of the discovery would		
			be stopped and the BLM AO		
			notified immediately. The BLM AO		
			would then notify the lave County		
			Coroner, the SUPO and local Native		
		_	A restories in the management and and		

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MONTORING RESPONSIBLE MEASURES ENTITY			The EM would verify that Environmental		-											-		BLM and DOGGR would Environmental												-	
	Work at the site would not resume until consultations and approachests	disposition of the human remains	Avoidance of documented cultural	-	\$	toot buffer zone between the size	company and the construction area.	and monitoring of all construction	Deleases of a quantized anomeologist.	ritor to any surrace-disturbing	activities, silve boundaries and butter	zones will be clearly marked and	this information indicated on	construction drawings, which will	be reviewed for accuracy by an	archaeologist familiar with the	- 1	If proviously marecorded cultural	 50 10	activities, all ground disturbing	activities at the location of the	discovery would cease, and BLM	and DOGGR notified. Grading or	other surface-disturbance activities	would not recommence at the	location of the discovery until all the	identified cultural resource(s) have	been assessed, any necessary	mitigation actions taken, and	approved by the BLM AO and	11
IMPACTS MU			CUL-4:								-		Investo in sectors [1]	suppose to potentially	angestiments area to a start a of such			Cut-s:							<u>.</u>						
RESOURCE													Cultural		Contraction of the second seco										-						

MONLTORUNG: RESPONSIBLE MEASURES ENTITY bey mitigation is followed. Manitor di noce b spies ts	A A # # # # # #	f Verify with the GBUAPCD CBUAPCD that BACT Control messures have tor been implemented to reduce exhaust emissions from the drill rig.
MILICATION MITASURRS and vendors would be required to sign an acknowledgement that they have been apprised of the regulations prohibiling the illegal collection of artificuts or disturbance of archaeological site, and of the miligntion measures contained berein. Deep Rose will retain copies of these signed acknowledgements until completion of the project.		 If exhaust emissions of axides of nitrogen from the drilling rig exceeds 250 fts/day (GBUAPCD Rule 209A), the drilling contractor would be required to use BACT control measures, which may include one or more of the following options: Retard timing by 4 degrees of standard
CIMPACIIS	Impacts from fugitive A	Impacts from NOx emissions
RESOURCE	Air Quality	

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たいのでありたとこのなたい		State of the		MFASURES	ALL DIVISION
			 Meet applicable EPA/CARB 		
			Off Road Compression Ignition		
			Emission Standards		
			 BACT selective catalytic 		
			reduction devices, or		
			 Other BACT control measures 		
			as proposed by the drilling		
			contractor and acceptable to GBUAPCD.		
Air Quality		AIR-4:	The contractor will be allowed to	The GBUAPCD will	GBUAPCD
	.*		discharge into the atmosphere from	verify that Deep Rose	
			any geothermal well, including well	and/or the drilling	
			drilling, well reacricing, and well	contractor has submitted	
			testing, no more than 2.5 kg/hr of	an H2S abatement plan to	
			H ₂ S. If the emission of H ₂ S exceeds	the Board prior to the	
	-		2.5 kg/hr, or if the State's H ₂ S	commencement of drilling	
			ambient air quality standard for one	activities.	
			hour is exceeded at a monitoring		
	Impacts from H _S S		station located at a GBUAPCD.		
			approved site, further venting of the		
			well(s) containing H _a S will be		
			curtailed until an H ₂ S abatement		
			plan, approved by the GBUAPCD,		
			is implemented to reduce H _s S well		
			emissions below 2.5 kg/hr and		
			ambient concentrations below the		
			State standard of 0.03 parts per - million		
Visual		No Add	No Additional Mitivation Measures and		
Resources	None	Recommended	rended		
	Increases in noise	:1-10N	Well flow testing would be through	A Beld inspection by an	Invo County
	associated with well		a well field silencer.	Inyo County	
Noise	drilling, testing, and			representative during well	

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Statistic statistics	IMPACIS		MITIGATION MEASURES	MEASURES	RESPONSIBLE. ENTITY
	monitoring.	×1 ×		flow testing would verify the use of a well field tilencer.	
	:	N01-2:	Workers would be provided with proper car protection and be	Periodio field inspections by OSHA representatives	CAL/OSHA
		1.	required to use it during construction, drilling, and well	would insure compliance with all project related	
Noise	Increases in noise	NOI-3:	All equipment will be equipped with	A field inspection hv an	Inter County
	associated with well drilling, testing, and		manufacture's standard noise control devices (i.e. mufflere.	Inyo County representative seculd	
	monitoring.		acoustical lagging, and/or engine	verify compliance with	
			achieve compliance with the	recommended noise	
			rocommended noise limits in most areas.		
		NOI-4:	If blasting becomes necessary,	The BM would verify that	Environmental
			cuords with the uphote to restruct the postic overtime solution in the item 12()	mitigation is followed.	Monitor
			dB at the source to minimize effects		
			to surrounding areas.		
Recreation	None	No Additional J	No Additional Mitigation Measures are	-	
			conco		
_		HAZ-1:	The contractor would provide the	Pariodia field inspections	CAL/OSHA
	,	,	common and nersonal protective	by USHA representatives	
			equipment to minimize worker	with all project related	
Hazardous	Potential hazard to		exposure.	safety measures.	
Materials and	persons from the	HAZ-2:	During construction and upon	Periodic field inspections	CALVOSHA
Health & Safety	and use of hazardous		commencement of drilling	by OSHA representatives	
	substances		chemical or hazardous substance	with all project related	2
			investory for all such items that may	safety measures.	
	-		the all the state. I get contractor will be addressed of will		

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ENTITY												,								wife LRWOCB	-	un l	ant	ties.						ions CAL/OSHA		DOG .	P	
MEASURES																		,		The LRWOCB will verify	that Deep Rose has	submitted a SPCC plan	prior to commencement	of construction activities.						Periodic field inspections	by OSHA representatives	would insure compliance	with all project related	Collector municipantes
MUTICATION MEASURES	Program (HCP) for their employees	and will require subcontractor	programs in accordance with OSHA	Provinsion 12 Controller 10000	and protect the errolenees and	subcontractors with respect to any	chemicals or hazardous substances	that may be present in the work,	place. It will be required that as	every chemical or hazardous	material is brought on location, a	Material Safety Data Shoet (MSDS)	will accompany that material and	will become past of the file kept at	the field office as required by 29	CFR 1910.1200. All employees will	receive the proper training in	storage, handling, and disposal of	hazardous substances.	HAZ-3: Deep Rose will develop and	implement a Spill Prevention,	Control, and Countermeasures	(SIN3C) plan in accordance with 40	UPK Part 112, dated December	1973 with respect to petroleum	hydrocarbon handling and spill	prevention and will submit the plan	to the LRWQCB prior to the	commencement of construction.		and emergency escape equipment	would be available at the drilling rig	during drilling and well testing	operations. Workers would be
F																				HAZ-3										BAZ-4:				
IMPACIS															Potential bazard to	persons from the	improper handling	and use of incardens.	SUDSTRUCTS															
RESOURCE															ciazar cous	Materials and	Health & Safety																	

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Instructed in the courset usage of the propert activities would be the conducted in accordance with all experts for project activities would be the profession of the conducted in accordance with all applicable CALOSHA regulations. Inso County would be transitient and the conducted in accordance with all applicable CALOSHA regulations. Inso County would be transitient and the conducted in accordance with all applicable CALOSHA regulations. Inso County would be transitient and the conducted in accordance with all applicable CALOSHA regulations. Inso County of moject A potential impact on the partial fit post of the po	RESOURCE	IMPACIS	MITTIC	MILIGATION MEASURES	MONITORING RESPONSIBLE MEASURES ENTITY	RESPONSIBLE
HAX-5: All project activities would be excentioned in secondause with all septiends. Invo County would review OSHA logs and septiends. A potential impact on fournised traffic store downs or congestion along U.S. 395 and Soud. TRA-1: Coordinate project construction planning sebedules to avoid other planning sebedules to avoid other project related conflicts to slow-downs or congestion. TRA-1: TRA-2: Proper road signs would be project related conflicts to arising traffic levels. Instruction for hazards to nontorists due to a toricrease in traffic. TRA-2: Proper road signs would be providend and the prostices for project related conflicts to arising traffic levels. Instruction for hazards to nontorists due to a toricrease in traffic. TRA-2: Proper road signs would be providend and the providend a		1	inst this	netted in the correct usage of equipment.		
applicable CAL/OSHA regulations. reports for project A potential impact on boalistic of traffic slow- downes or competition downes or competition boalistic of traffic slow- downes or competition along U.S. 395 and Coss/Gill Station TRA-1: TRA-1: Coordinate project construction project related conflictes to slow-downes or compesition. reports for project reports for project permission. A potential impact on boarg U.S. 395 and Coss/Gill Station TRA-1: Coss/Gill Station TRA-1: Project related conflictes to project related conflictes to constrist due to a intersection of U.S. 395 and constrist due to a project related conflictes to consisted due to a project related conflictes to consistent due to a project related conflicted project related conflicted project related conflicted project related conflicted project related project related project related project related project related project related project related p				project activities would be ducted in accordance with all	Inyo County would myiew OSHA loss and	Inyo County
A potential impact on localized traffic stow- board TRA-1: compliance with OSHA A potential impact on localized traffic stow- along U.S. 395 and Conso/Gill Station TRA-1: TRA-2: Proper road other planning schedules to avoid other planning the potential for localized traffic stow-downs or congrestion. Proje County of Public Works Department prost related conflicts to scisting traffic levels. Inseressed for hazarris to nototrists due to localized increases in traffic. TRA-2: Proper road signs would be. The Inyo County of Public Works Department prost related conflicts to scisting traffic levels. Inseressed potential for hazarris due to localized increases in traffic. TRA-2: Proper road signs would be. The Inyo County of Public Works Department visitions dees not scisting traffic levels. None None None would be considered in ocder to improve site visibility. No Additional Mitigation Measures are keorentiae and standards, appropriate unodifications to motorisk to becommended No Additional Mitigation Measures are keontimended			dde -	licable CAL/OSHA regulations.	reports for project	
A potential impact on localized traffic slow- downs or congestion along U.S. 395 and the potential fer localized traffic slowed. TRA-1: Ne Invo Compt of parming selectules to avoid other possible permitted uses or to reduce along U.S. 395 and the potential fer localized traffic slowedowns or congestion. TRA-1: Public Works Department and/or Caltarans would the potential fer localized traffic slowedowns or congestion. Transwould the potential fer localized transwould be. Coss/Gill Station Road. TRA-2: TRA-2: TRA-2: TRA-2: Proper road signs would be. TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: TRA-2: Transwould be. Transwould the potential to function of U.S. 395 and transmotive to stating traffic levels. Inscretased potential for hazards to motorisis due to a localized increase in traffic. TRA-2: TRA-2			1		compliance with OSHA	
Incatilized traffic stow- downes or congestion planning schedules to avoid other downes or congestion Public Works Department possible permitted uses or to reduce the potential for localized traffic slowe downes or congestion. Public Works Department and/or Calternes would ensure that there are no slowe downes or congestion. Road. TRA-2: Proper road signs would be slowe downes or congestion. Public Works Department ensure that there are no slowe downes or congestion. Inscretated for hazards to motorists due to a foor hazards to notorists due to a foor lazards to notorists due to a foor lazards to notorists due to a foor hazards to notorists due to a foor lazards to notorists due to a foored sign(s). TRA-2: TRA-2: Proper road sign(s). None None No Additional Mitigation Measures are in intersections would be considered in order to improve site visibility.		A potential impact on		edinate project construction	The Invo County of	Invo Comty
Construction along U.S. 395 and Cose/Gill Station Description the potential for localized traffic slow-downs or congrestion. and/or Calitants would the potential for localized traffic slow-downs or congrestion. Cose/Gill Station Road. TRA-2: TRA-2: Proper road signs would be prominently placed near the intersection of U.S. 395 and for hazards to motorists due to a localized increase in intersection of U.S. 395 and for hazards to motorists due to a localized increase in traffie. TRA-2: TRA-2: Proper road signs would be prominently placed near the provisit pro- tersection of U.S. 395 and the hypo County of provisit pro- tersection of U.S. 395 and the hypo County of provisit pro- motorists due to a localized increase in traffie. TRA-2: TRA-2: TRA-2: Proper road signs would be prominently placed near the prostion and provisit pro- provisit pro-		localized traffic slow-	plan	ming schedules to avoid other	Public Works Department	function of the
Consordial Station stow-downs or congestion. project related conflicts to atom. Road. TRA-3: Proper road signs would be project related conflicts to activiting traffic levels. project related conflicts to activiting traffic levels. Increased potential for hazards to motorists due to a localized increase in undfile. TRA-3: Proper road signs would be project related conflicts to activities due to a project related conflicts to activities due to a localized increase in traffie. None None No Additional Mitigation Measures are a figning does not insprove site visibility.		along U.S. 395 and		stold permitted uses or to reduce potential for localized traffic	and/or Caltrans would	
Kondu. TRA-2: Proper road signs would be: constring traffic levels. Increased potential TRA-2: Proper road signs would be: The Inyo County of Problem and The Provide mean the Interaction of U.S. 395 and Coso/Gill Station and The Inyo County of Public Works Department trepresentiative would meet the Interaction of Coso/Gill Station and Pumice More or other the Interaction of Coso/Gill Station and Pumice More or other trepresentiative would meet trepresentiative would meet for Interaction of Coso/Gill Station and The Vorks Department trepresentiative would meet for interaction of Coso/Gill Station and Pumice Mine roads or other trepresentiative would meet for the traffic. The Inyo County of Public House to Interaction of Coso/Gill Station and Pumice Mine roads or other trepresentiative would meet for interactions to contract the visit December of Public Works Department traffic. None None No Additional Mitigration Mensures are to staticly. None No Additional Mitigration Mensures are to improve site visibility.		Coso/Gill Station	slov	v-downs or congestion.	project related conflicts to	
IRA-2: Proper road signs would be: The Inyo County of prominently placed mear the intersection of U.S. 395 and for hazards to motorists due to a localized increase in traffic. The Inyo County of prominently placed mear the intersection of U.S. 395 and for hazards to motorists due to a localized increase in traffic. Increased potential Increased potential Proble Works Department representiative would meet with Deep Rose to intersection of Coso/Gill Station and the considered in other to improve site visibility. Intersection of Coso/Gill Station and the intersection of Coso/Gill Station and the intersection and the considered in other to improve site visibility.		Kond.			existing traffic levels.	
Incretased potential Incretased potential for hazards to motorists due to a for hazards to motorists due to a hocalized increase in traffie. None None None None No Additional Mitigation Measures are in order to improve site visibility.			TRA-2: Pro	per road signs would be minently placed near the	The Inyo County of Public Works Desertment	Inyo County
Increased potential Increased potential function Road and the intersection of Coso/Gill Station and the intersection of Coso/Gill Station and for hazards to motorists due to a localized increase in traffie. In the event that signing does not need safety standards, appropriate modifications to intersections would be considered in order to improve site visibility. None None No Additional Mitigation Measures are Recommended in order to improve site visibility.			inte	reaction of U.S. 395 and	representative would meet	
Increased potential for hazards to for hazards to motorists due to a localized increase in traffic. None No Additional Mitigation Measures are None No Additional Mitigation Measures are Recommended	L'ransportation		Ö.	o/Gill Station Road and the	with Deep Rose to	
Inot mazards to motorists due to a locatized increase in traffic. Inotecrists to excertes caution when approaching these areas. In the event that signing does not meet safety standards, appropriate modifications to intersections would be considered in order to improve site visibility. None No Additional Mitigation Measures are Recommended		Increased potential	Punt	rsection of Coso/Gill Station and nice Mine roads or other	determine locations for most shorter	
None No Addit		the function of the form of the second secon	loca	mons to encourage motorists to	fourthe move	
Institie. No Additi		localized increase in	exe	relse cention when approaching a time. In the sum that		
None No Additi		traffic.		ring does not meet safety		
None No Additi			stan	idards, appropriate modifications	-	
None No Additi			8.5	intersections would be considered		
None				A HINDER AND A HANDER AND A HANDER AND		
	Land Use and	None	No Additiona	I Mitigation Measures are	-	
	SOCRECONOMICS		PAGE.		2	