

**Appendix B: Interdisciplinary Team Checklist for EA Preparation**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CARSON CITY DISTRICT OFFICE  
EA Project Initiation**

**Part 1: Project Proposal**

**Project Lead:** Ed Klimasauskas **Field Office:** Stillwater

**Name of Proposed Action:** ORMAT Technologies, Inc. Wild Rose Geothermal Utilization

**Date of Proposal to ID Team:** 02/27/2012

**File Code (Project/Serial Number):** Geothermal Leases NVN-083929, NVN-083930, NVN-083931, NVN-083932; Unit Agreement NVN-084239X

**Applicant/ Proponent (if BLM originated, identify program area):** ORMAT Nevada Inc.

**Complete Description of Proposed Action:**

Ormat Technologies, Inc. (Ormat) is proposing to construct, operate, and maintain the Wild Rose Geothermal Power Project. The project would include the construction and operation of a net 35 MW energy generation facility, geothermal fluid production and injection well pads and wells, access roads, geothermal fluid pipelines, an electrical transmission line and ancillary support facilities. Ormat is proposing to develop 14 production wells and 4 injection wells. Each well site would require construction of a drill pad that would be approximately 4.2 acres in size. Access roads to drill sites would use existing roads to the extent possible. Up to 4 miles of new roads would be constructed and improvements made to some of the existing roads. Approximately 5 miles of pipelines would be required to connect production and injection wells to the power plant. A maximum of up to 20 miles of transmission line would be constructed, depending on the alternative selected. The Project is located in Mineral County approximately 25 miles northeast of Hawthorne, Nevada.

**Complete Description of Purpose and Need for the Project:**

Ormat Technologies, Inc. (Ormat) is preparing to develop the Wild Rose geothermal resource in Gabbs Valley for electrical power production. The need for the project is to provide renewable energy as directed by national policy.

**Legal Description (Attach a 7.5 Min Scale Electronic Location Map):** Geothermal development: T11N, R32E, Sec. 1, 2, 3, 10, 11, 12, 13, 14, T11N, R33E, Sec. 5, 6, 7, 8 - Poinsettia Spring

Transmission Line: T11N, R31E, Sec. 13, 25; T11N, R32E, Sec. 8, 9, 10, 11, 12, 17, 18; T11N, R33E, Sec. 4, 5, 7, 8, 9, 10, 11, 14, 23, 24; T11N, R34E, Sec. 19, 28, 29, 34, 35, 36; T11N, R35E, Sec. 31; T10N, R35E, Sec. 2, 3, 4, 11, 14, 23. – Copper Mountain, Poinsettia Spring, Ramsey Spring, Mount Annie SE, Gabbs Mountain

**Funding/Project Code:**

**Does Proposal conform to Carson City CRMP?** Yes **Cite reference:** MIN-1, 1. Encourage development of energy and mineral resources in a timely manner to meet national, regional, and local needs consistent with the objectives for other public land uses.

**Other Considerations:**

**Part 2: Signature to Proceed**

**Supervisory Natural Resource Specialist Signature**



**Date:**

2/24/12

**Part 3: ID Team CHECKLIST for EA Preparation** (THE FOLLOWING LIST WILL BE REVIEWED AND COMPLETED BY ID TEAM DURING INTIAL INTERNAL SCOPING MEETING)

Supplemental Authority*	Not Present **	Present/Not Affected	Present/May Be Affected***	Rationale
Air Quality	JR			Range Specialist by Allotment:
Areas of Critical Environmental Concern	DW			Jason Wright/Dan Westermeyer:
Cultural Resources		JRW		Jason Wright: AVOIDANCE OF HISTORIC PROPERTIES
Environmental Justice	MW			Chip Kramer:
Farm Lands (prime or unique)	X			Range Specialist by Allotment:
Forests and rangelands (HFRA Projects Only)	X			Coreen Francis:
Human Health and Safety ( Herbicide Projects)	JR			Jill Devaurs:
Floodplains	X			Range Specialist by Allotment:
Invasive, Nonnative and Noxious Species	X			Jill Devaurs:
Migratory Birds			X	John Wilson: MAY NEED EAGLE SURVEYS
Native American Religious Concerns		JRW		Jason Wright: YONBA REQUESTED AVOIDANCE OF ALL HISTORIC PROPERTIES
Threatened and/or Endangered Species	X			John Wilson:
Wastes, Hazardous or Solid		X		Dave Schroeder:
Water Quality (Surface/Ground)	X			
Wetlands/Riparian Zones	X			Range Specialist by Allotment:
Wild and Scenic Rivers	JRW			Dan Westermeyer:
Wilderness		DW		Dan Westermeyer: NEAR GRABBS CREST. SHOULD NOT AFFECT

\*See H-1790-1(January 2008) Appendix 1 Supplemental Authorities to be Considered.

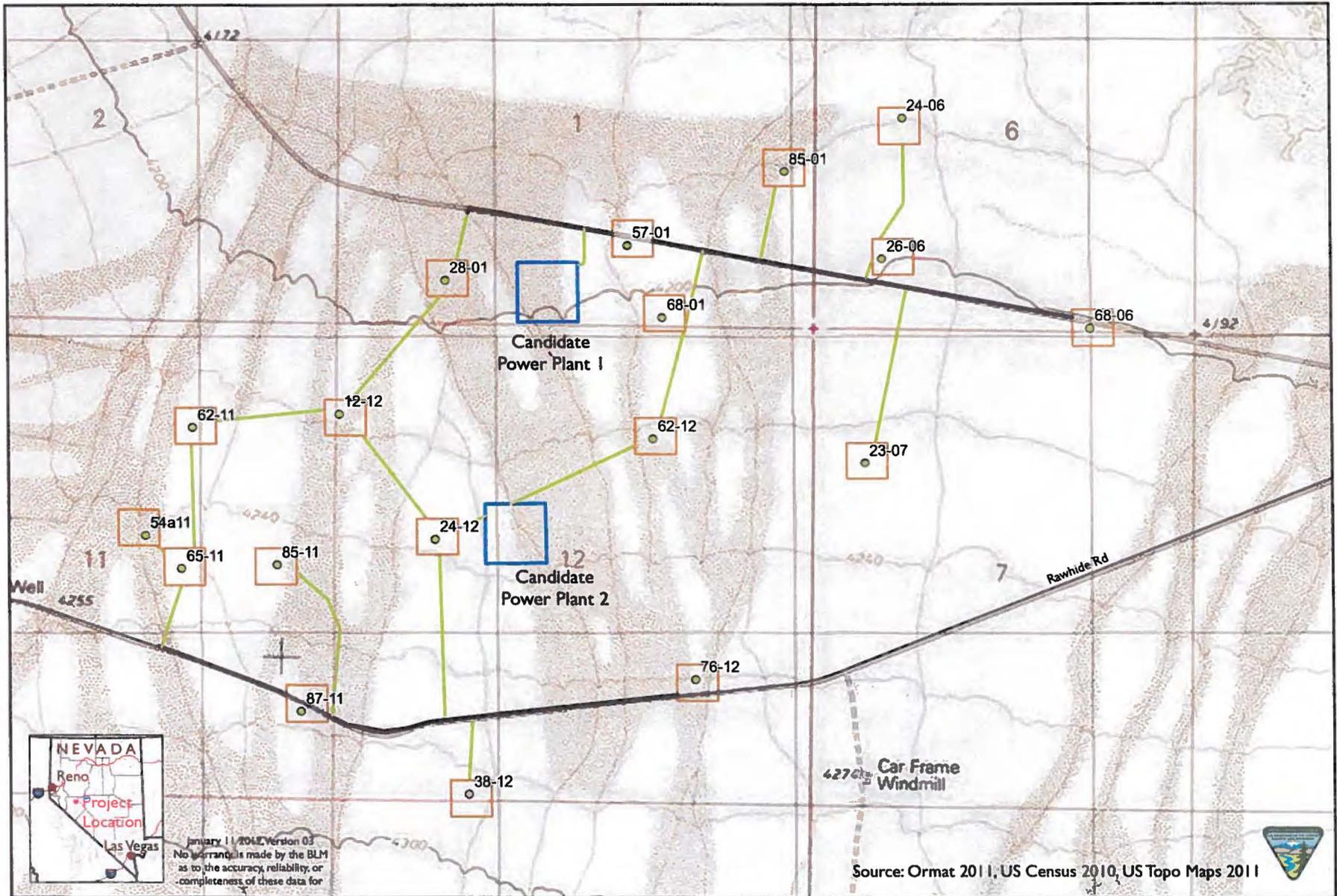
\*\*Supplemental Authorities determined to be Not Present or Present/Not Affected need not be carried forward or discussed further in the document.

\*\*\*Supplemental Authorities determined to be Present/May Be Affected must be carried forward in the document.

Resource or Issue	Present/Not Affected#	Present/May Be Affected##	Rationale
Lands with Wilderness Characteristics	X		Dan Westermeyer: DW NOT PRESENT
VRM		X	Dan Westermeyer: DW need to follow VRM Guidelines
Recreation	X		Dan Westermeyer: DW
ROWs/Lands	X		Chuck Valentine
WHBA	X		John Axtell: barely in HMA. lines wont affect
Minerals		X	Ken Depaoli:
Renewable Energy			Ed Klimasaukas/Colleen Sievers: Not Present OK
Wildlife/Key Habitat		X	John Wilson:
BLM Sensitive Species		X	John Wilson:
Livestock Grazing		X	Linda Appel/Jill Devaurs/Chelsy Simerson

#Resources or uses determined to be Present/Not Affected need not be carried forward or discussed further in the document.

##Resources or uses determined to be Present/May Be Affected must be carried forward in the document.



**Project Overview (Topographic)**

Mineral County, NV

- Proposed access road
- Existing roads
- Wellpads (400x450ft)
- Power Plant Options
- Wells

## **Appendix C: Biological Survey Report**