

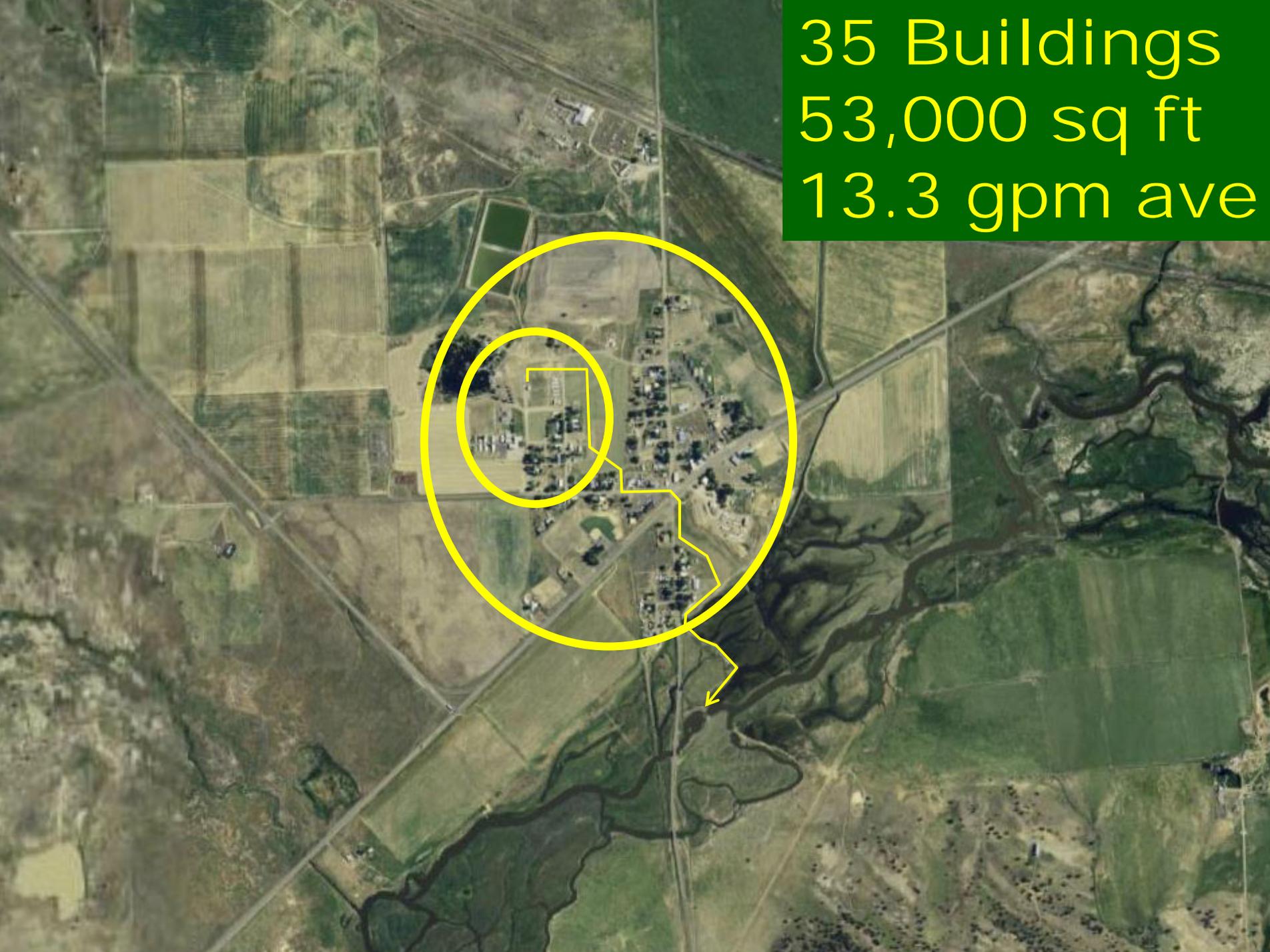
Ft. Bidwell Indian Reservation

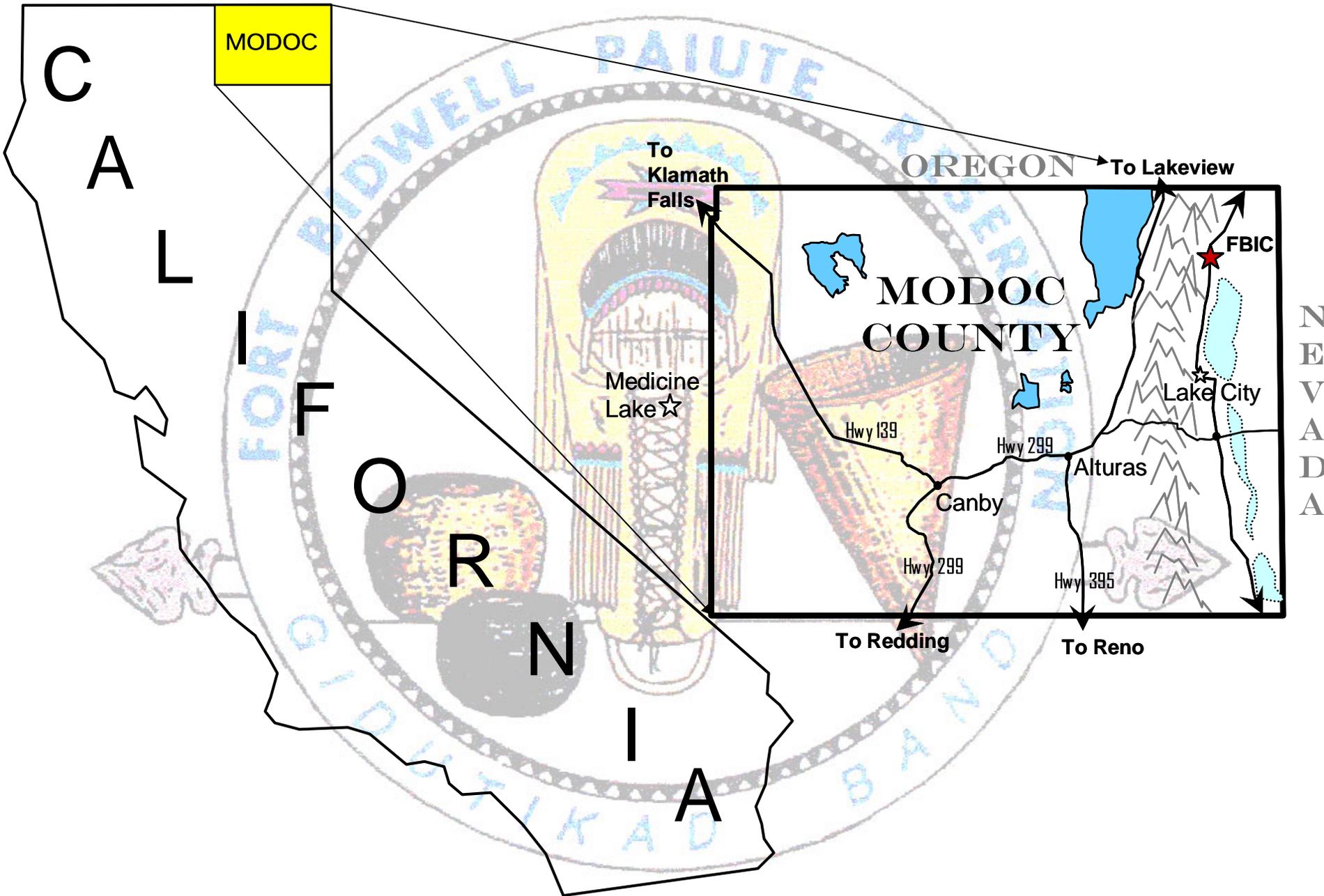
GEO THERMAL

District Heating

Feasibility Study

35 Buildings
53,000 sq ft
13.3 gpm ave





TOUR Resource



FB-3

FB-2

Soldier's Well

FB-1



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Resource



TOUR Resource

FB-3

FB-2

Soldier's Well

FB-1

Depth: 500 ft
Flow: 450 gpm
Temp: 116°F



TOUR Resource

Depth: 1260 ft
Flow: 1500 gpm
Temp: 96°F

2,500,000 Btu/hr - peak demand

14,000,000 Btu/hr – well capacity

FB-3

FB-2

Soldier's Well

FB-1

**Depth: 2920 ft
Flow: 350 gpm
Temp: 198°F**



Resource



TOUR Resource

FB-4

FB-3

FB-2

Soldier's Well

FB-1

Depth: \approx 5500 ft
Flow: ??? gpm
Temp: 300+°F ?

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Tribal Energy Program, September 25, 2006



FB-3

FB-2

Soldier's Well

FB-1

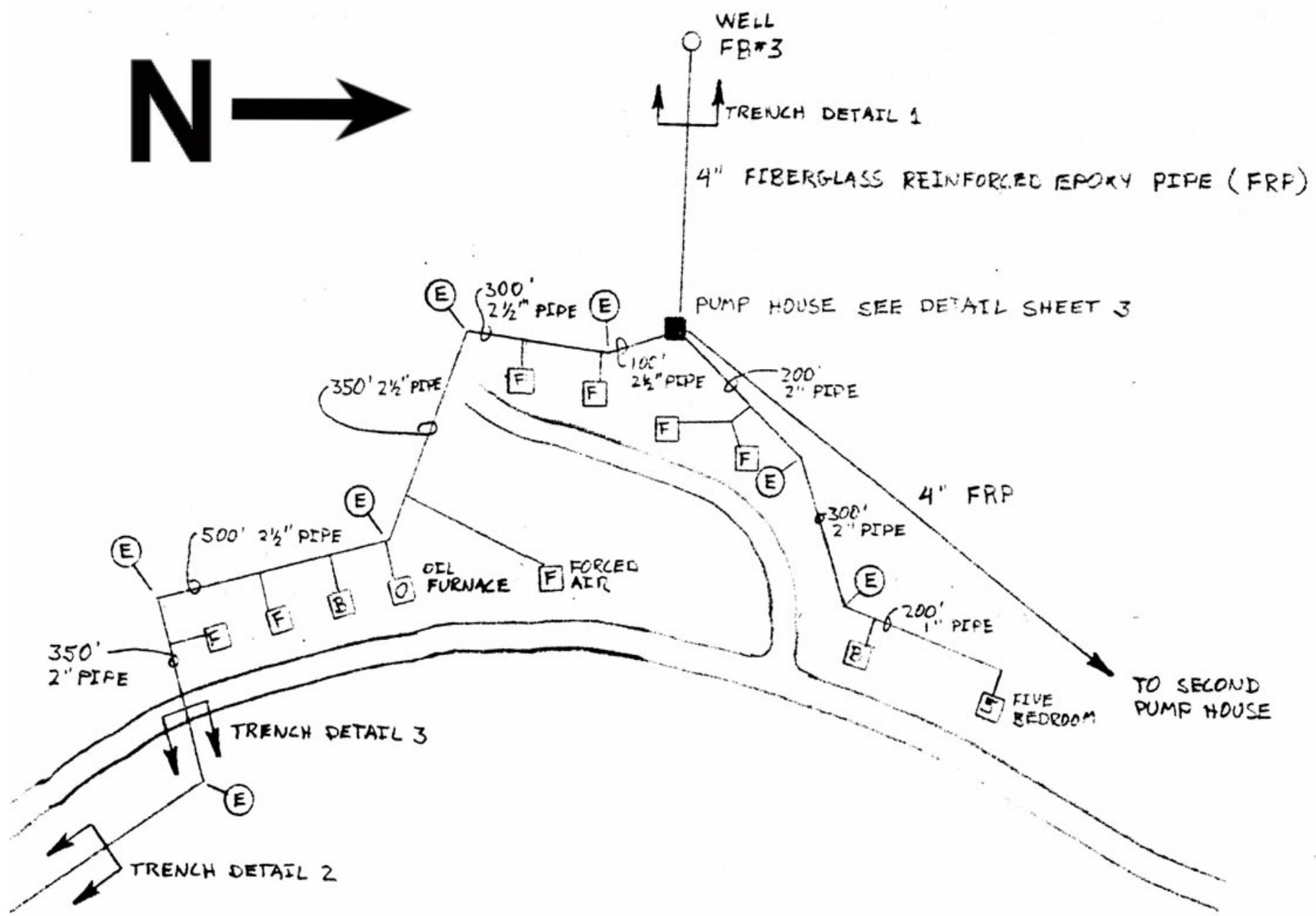
TOWN OF FORT BIDWELL



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Hot Spring

Ft. Bidwell Indian Reservation

3200 FT



56 Buildings
7 Tribal
49 Residential



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FB-4

FB-3

Hot Spring

Ft. Bidwell Indian Reservation



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- 
- **Building Identification and Heating Load Assessment**
 - **Geothermal Resource Evaluation**
 - **Technology Analysis and Preliminary System Design**
 - **Environmental Evaluation**
 - **Economic/Benefits Analysis**
 - **Training, Professional Development, and Community Awareness**
 - **Final Feasibility Report**



Tribal Energy Program, September 25, 2006





FINDINGS







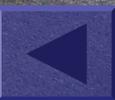
**FORT BIDWELL INDIAN
COMMUNITY CENTER**

- SENIOR CENTER
- LEARNING CENTER
- MUSEUM
- ADMINISTRATION





Tribal Energy Program, September 25, 2006







Tribal Energy Program, September 25, 2006



Tribal Energy Program, September 25, 2006



- 
- **Resource**
 - **Funding**
 - **Community Support**

