Geothermal Exploration and Development on National Forests

Forest Service Roles and Responsibilities

Types of land

- On Lease
 - Federal geothermal lease issued by the BLM
- Off Lease

National Forest System Lands not covered by a federal geothermal lease
Or on someone else's lease

Types of Activity

Exploration - Surface work - Drilling Temperature gradient wells Core holes Development - Surface work – Drilling

Exploration Off-Lease



Forest Service approves surface work

Exploration Off-Lease

approves

drilling to

2,000′



Exploration on Regular Leases



BLM approves surface work

Exploration on Regular Leases



BLM approves drilling activity

Exploration on Monument affected leases

FS approves surface work



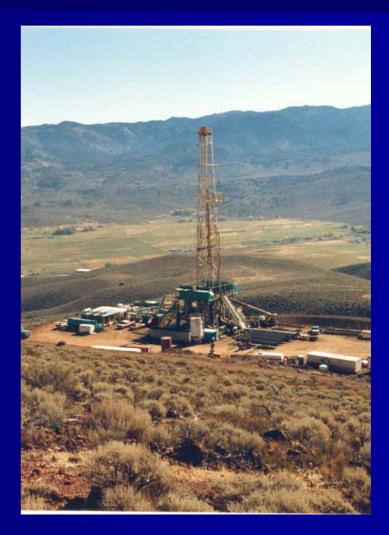
Exploration on Monument affected leases

BLM approves drilling

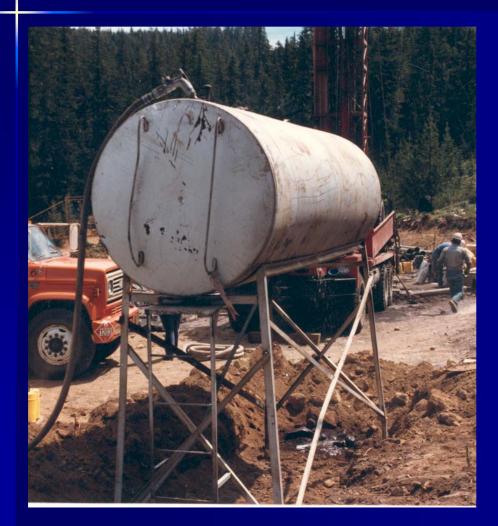


Geothermal Development on Regular Leases

- BLM approves surface work
- FS advises on surface work
- BLM approves drilling activities



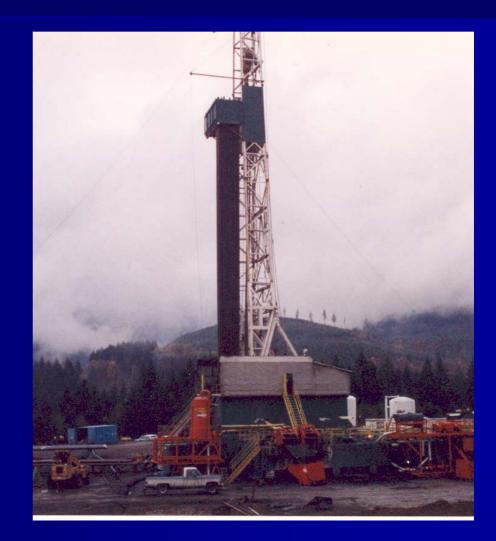
Geothermal development on Monument affected leases



FS approves surface work

Development on Monument affected leases

BLM approves drilling



Exploration versus Development wells



Other Forest Service roles

Reclamation

- Forest Service advises BLM of reclamation requirements
- Forest Service monitors reclamation activity
- Forest Service notifies BLM with reclamation requirements are met

Other Forest Service roles

Bonding

- Advises BLM if bond amounts are adequate
- Provides BLM with justification for bond amount increases

 Notifies BLM when Forest Servicerequested reclamation is complete; one component of releasing the bond