

OPPORTUNITY + RESPONSIBILITY

Roca Honda Mine: Projected Investment and Economic Benefits

Measure	Estimate
Planned mine capital investment	Approximately \$350 million
Direct mine operating jobs	Approximately 250 annually
Direct labor income	\$217.3 million
Total statewide labor income	\$306.2 million
Worker-related New Mexico tax revenues	\$22.45 million

Source: November 2012 NMSU Arrowhead Center report, mine component only. All monetary figures are project-life amounts in constant 2012 dollars, unless noted.

Roca Honda has the potential to create economic opportunity through employment, contractors, local business activity, taxes, royalties and investment in the region.

Beyond Economics

Water

- Treat water from a deep aquifer to remove naturally occurring uranium
- Replenish a portion of the Rio San Jose
- Restore riparian habitat
- Recharge shallow aquifer

AUM Clean-up

- Willing to explore partnerships with communities and the state

Energy

- Fuel for carbon-free energy
- Domestic critical material supply
- Reduced reliance on foreign sources that do not have the same environmental protections as the U.S.

Cultural Resources

- Engage with tribes and federal agencies to protect cultural resources under the oversight of tribal monitors in the field

Economic opportunity does not replace environmental responsibility. The project must be able to stand on both.

TRANSPARENCY MEANS ACCOUNTABILITY

ROCA HONDA PROJECT

FAST-41 TRANSPARENCY ≠ APPROVAL

WHAT IT DOES

- Provides project visibility
- Provides a permitting timetable
- Supports federal coordination
- Makes project status publicly accessible

WHAT IT DOES NOT DO

- Does not waive environmental laws
- Does not eliminate public participation
- Does not guarantee approval
- Does not predetermine the outcome

Roca Honda is currently listed on the federal Permitting Dashboard as a FAST-41 Transparency Project.

DON'T TAKE OUR WORD FOR IT. ASK QUESTIONS.
TELL US WHAT WE'RE MISSING.



CURRENT PROJECT & PERMITTING



FEDERAL PERMITTING DASHBOARD



PROJECT INFORMATION

Learning from the Past.
Permitting in the Present.
Building for the Future.



- UNDERGROUND MINE WITH LIMITED SURFACE FOOTPRINT
- MODERN, HIGHLY REGULATED PROJECT REVIEW
- COMMUNITY AND TRIBAL ENGAGEMENT AND PARTNERSHIP



Roca Honda Resources, LLC, a subsidiary of Energy Fuels Resources Inc.

REGULATORY AND PERMITTING JOURNEY FOR MINING OPERATIONS

The regulatory journey shown below illustrates the major stages, requirements and opportunities for public input associated with mine development in New Mexico. Project-specific requirements vary.

PRIOR TO CONSTRUCTION

Selection / Exploration

- Secure right of entry permit (federal, state, county, city, utilities)
- Authority for exploration
 - Geologic Field Operation Plan (state)
 - National Environmental Policy Act (NEPA) process (federal)
- Cultural resources clearance

Land Use/Zoning

- Mineral lease (state/federal lands/private)
- Notice of intent to operate
- Plan of operations
- Mine reclamation plan
- Reclamation cost and financial assurance
- Floodplain use permit
- Special land use permit for non-mining facilities (e.g., administrative building at a mine site on state lands)
 - Right-of-Way permits (federal/state)



Water

- Secure water or establish water rights
- State discharge permit/antidegradation certification – mine dewatering permit
- Closure strategy/plan, cost and financial assurance
- Sewer collection system permit
- Clean Water Act (CWA) Section 208 consistency review
- Water quality certification, CWA, Section 401
- Stormwater discharges from industrial activities, CWA 402
- Permit to Appropriate Underground Waters of the State of New Mexico
- NPDES Permit
- Water and/or wastewater facilities construction approval
- Reclaimed water permit
- CWA section 404 permit (if impacting a WOTUS)
- Notice of intention to drill
- Potable water system permit (drinking water)
- Stormwater Pollution Prevention Plan
- Plan of operation review
- Withdrawal and use of groundwater permit



Environmental

- National Environmental Policy Act (federal lands)
 - Environmental assessment and/or environmental impact assessment
 - Public hearing and comment period
- Endangered Species Act, section 7 consultation (federal lands)
- Native plant surveys (state/federal lands)
- Flood control permits (federal lands)
- Air quality permit (NAAQS/NESHAPs)
- Risk management plan review
- EPA Hazardous Waste Identification (if required)
- EPA Hazardous Chemical Inventory Reporting
- Spill Prevention Control and Countermeasures Plan
- Radioactive source/material license

CONSTRUCTION

- Mine Safety and Health Administration (MSHA) Form 7000-51, Mine ID Request
- MSHA 2000-7 Legal Identification Report
- Radio station license, wireless communication
- Building code inspection

Explosives and Fuel

- Bureau of alcohol, tobacco and firearms explosives license or permit
- Explosives magazine construction notice
- EPA Hazardous Chemical Inventory Reporting
- State aboveground and underground fuel storage registration
- State underground fuel storage tank installation inspection

Cultural Resources

- State lands
 - Cultural resource survey
 - Consult with Tribes
 - Mitigation plan
 - Reporting to applicable state/federal agencies for approval and curation
- National Historic Preservation Act, Section 106 Compliance (federal lands)
 - Consultation and treatment plan
 - Cultural resource surveys/studies
 - State and Tribal Historic Preservation Office concurrence
 - National Register of Historic Places (NRHP) eligibility determination
 - Effect determination report
 - Memorandum of agreement or programmatic agreement
 - Mitigation plan
 - Advisory Council on Historic Preservation (ACHP) involvement (if necessary)

COMMISSIONING

- Approval to operate:
 - Clean Air Act
 - Clean Water Act (if applicable)
 - Safe Drinking Water Act (if applicable)
- Site inspection

PRODUCTION

- Routine inspections from city, county, state and federal agencies for environmental, health and safety
- Routine monitoring and reporting to city, state and federal agencies

RECLAMATION

- Reclamation plan implementation under state agency oversight
- Post-closure monitoring under state and federal agencies

WHERE WE ARE TODAY

Roca Honda is in the permitting and environmental review process.

Current Mine Operations and Reclamation Plan: Version 3

Federal environmental review: U.S. Forest Service / NEPA

State and federal permits: Multiple agencies and decision point

A robust array of federal and state laws and regulations ensures the proper permitting, construction, operation and reclamation of modern, heavily regulated mines.

Indicates areas where public input is required.

Requirements noted as "federal lands" may apply to private or state land if there is a federal nexus. Non-federal requirements are specific to New Mexico. Other states may have separate requirements.