UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CULTURAL RESOURCES INVENTORY NEEDS ASSESSMENT.

Proponent fills out 1-3 Requested by: Sheila Mallory

1. BLM Office: NV020

2. Project Name Number, and Description: 2-D Geophysical Seismic Line, NVN-079305 Colado Project, LLC. is proposing to conduct a 2-D seismic geophysical survey. The survey would be conducted from March 1 to May 31, 2009. 9 lines oriented north-south and 8 lines oriented east-west totally approximately 225,883 feet of disturbance.

The seismic lines would consist of 96 stations at 100 foot spacing. Lightweight cable (1/4 inch diameter), recording geophones that sit on the surface of the ground (2 inch diameter), and a lightweight recording unit every 6th station would be placed along the line. The impact or "source" vehicle would be a small Kubota RTV, which weighs approximately 1,500 pounds, and would be driven overland (see attached photos). A Nitrogen spring which propels a 200 pound weight onto a stationary plate made of aluminum is attached to the Kubota. An impact would occur at each station (every 100 feet) along the line. The plate transfers a high frequency signal onto the surface of the ground and may leave a ¼ inch depression. Every attempt would be made to make only one pass of the seismic equipment.

3. Location, Map References: T. 28 N., R. 33 E., sections 26, 34, 36; T. 28 N., R. 33 E., section 30; T. 27 N., R. 32 E., sections 2, 10, 12, 14, 22, 24, 26

USGS Quads: Coal Canyon, Lovelock, Oreana, Arabia 1:24,000

Inventory Type Needed: (File Search determines the level of inventory needed.)

1. None
2. Categorical Exclusion (Number: )
3. Records Check/Class I
4. Reconnaissance
5. Class II
6. Class III

List results of file search here and recommended level of inventory:

Expectations: The seismic geophysical survey is a

categorical exemption under the State Protocol

with SHAPO. The project may proceed with the usual
archaeological stipulations. The cist, exemption is

x3 on pg. 28. At each location only 1 sq. m. may be disturbed.


Rationale:

Archaeologist: Patrick Haynal
Supervisor Cultural, Lands and Recreation: Scott R. Stiegh

Date: 1/24/09
Date: 2/24/2009

* The plate is less than 1 sq. m. m.