

## **Appendix D**

### **Fire Prevention Plan Measures**

## Fire Prevention Plan Measures

This document applies to oil and gas pipeline construction, access road construction and maintenance, drilling, completion, workover, testing and maintenance operations authorized by the oil and gas lease and associated right-of-ways that are performed by Noble Energy, Inc. (Noble) and/or Noble subcontractors.

1. Noble will implement an emergency response plan that covers all aspects of our operations, which will include coordination with local jurisdictions such as the cities of Wells and Elko, Nevada, landowners, and the BLM. **[Noble]**
2. Applicable field personnel will carry an adequate radio, cell phone, or special communications equipment along with emergency contact numbers and information, including 911 and Elko Interagency Dispatch Center. All fires will be reported immediately. **[BLM Fire Prevention Order #CRV-12-03]**

<b>For fire information, contact:</b>	
Elko Interagency Dispatch Center	775-748-4000

3. Noble will assure that workers are aware of fire prevention and safety procedures, evacuation routes and procedures, the designated safety meeting place, and emergency shutdown procedures. The operator will have a **daily** roster of all persons on location in the event of an evacuation.
4. Smoking is restricted to designated areas which will be located at least ten feet (10') from the project boundary and a safe distance from possible flammable sources including vegetation, on all Noble locations. Due to 24-hour operation during the drilling phase, smoking will be allowed on location in designated smoking areas because crews may be living on site in order to reduce traffic. **[Noble]**
5. All drilling and support equipment along with all potential ignition sources will be located at least ten feet (10') from the edge of the cleared location. **[Noble]**
6. Noble employees will not be required to leave the cleared drilling location to fight any fires, but may leave location to fight an incipient stage fire. **[Noble]**

7. Adequate firefighting equipment (i.e. shovel and extinguisher(s)), should be present on all locations during all phases of field operations. **[Local BLM]**
8. Fire extinguishers will be charged and in proper working condition. **[Noble]**
9. During the drilling phase, the drilling rig will have 500 bbl tanks on location for makeup water. The ability to tie in a portable auxiliary pump and hose for fire suppression from all edges of the location will be provided, as needed. **[Noble]**
10. Where practical during the various project phases, vehicles, including contractor vehicles, will be equipped with a 2.5 pound (or larger) class ABC chemical fire extinguisher. **[BLM Fire Prevention Order #CRV-12-03]**
11. Noble employees and contractors will park on bare ground that has been cleared of weeds, grass, etc. Where not practical, vehicles parking on vegetated areas will be inspected immediately upon parking and immediately after driving back onto bare ground. **[Noble]**
12. Access roads will be cleared of weeds, grass, etc. to prevent potential fires. **[Noble]**
13. Vehicles and equipment shall not block access roads. **[BLM Fire Prevention Order #CRV-12-03]**
14. Noble employees and/or their contractors will assist emergency responders with access to the fire as well as limit public access, as necessary or needed. **[Noble]**
15. Operators will inform BLM of the location and duration (start date, end date, work hours) of active work sites (oil and gas pipeline construction, access road construction and maintenance, drilling, completion, workover, and testing). Contact to the local BLM office with this information will be made at least 24 hours before commencing activities. The afterhours contact is the BLM Elko Interagency Dispatch Center at 775-748-4000. It is not necessary to inform BLM of routine maintenance visits that do not pose a fire hazard. **[BLM Fire Prevention Order #CRV-12-03]**
16. Using machinery that may cause ignition (e.g. welding, pipefitting, metal grinding, rock striking, explosives, etc.) or operating an acetylene or other torch with open flame is only permitted under the following conditions:

- 20 lb. fire extinguisher is present at all times for incipient stage firefighting purposes only.
- Five gallons of water is available immediately in the work area.
- Confirmation of atmospheric testing to ensure no presence of an explosive mixture of gases in the air around the work area is completed prior to welding or grinding.
- A ten foot (10') diameter area is cleared of all surface vegetation, scraped to bare mineral soil, prior to welding or grinding.
- Cut vegetation is scattered well outside the cleared area, not piled.
- A watch person patrols the site for one hour following cessation of welding operations.
- Operations will be suspended if winds carry sparks beyond the cleared area.

**[BLM Fire Prevention Order #CRV-12-03]**

17. Building, maintaining, attending, or using a fire, campfire, coal or wood burning stove or any type of charcoal-fueled broiler or open fire of any type is prohibited outside of designated areas. The exception is that pressurized gas or liquid stoves may be used.

**[BLM Fire Prevention Order #CRV-12-03]**

18. Companies are required to contain all flaring operations by using either self-contained equipment or a flare stack that is located at a BLM approved location. Flaring operations over an open pit may not be done without prior approval of the BLM. Flaring operations will be monitored regularly by onsite personnel. **[BLM Fire Prevention Order #CRV-12-03]**