

JF Harrison Fed 1
30-015-04749
BOPCO
April 5, 2011
Conditions of Approval

1. Surface disturbance beyond the originally approved pad must have prior approval.
2. **5000 (5M)** psi workover BOP to be used with pulling unit. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2. 5M systems shall require two independent power sources, one of which may be nitrogen bottles (three minimum) maintaining a charge equal to the manufacturer's recommendations.
3. Well cleanout to be done with a pulling unit
 - a. Notify the BLM when removing the pulling unit. **A pressure gauge must be installed on the wellbore and monitored daily.**
 - b. Notify the BLM when moving in the Mcvay Rig. Rig to be moved in within 30 days of notification that pulling unit has left the location. Failure to notify or have rig on location within 30 days will result in an Incident of Non-Compliance.
 - c. Once the Mcvay Rig is on location, it shall not be removed from over the hole without prior approval unless the production casing tie-back has been run and cemented or the well has been properly plugged. **If the drilling rig is removed without approval – an Incident of Non-Compliance will be written and will be a “Major” violation.**
 - d. BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as Mcvay Rig is rigged up on well.
4. **Contact the BLM if any pressure test drops more than 10% over a thirty minute period.**

CRW 041911