

Apache 24 Federal 1
30-015-27587
Devon Energy Production Co.
April 27, 2011
Conditions of Approval

1. **Contact BLM 575-361-2822 a minimum of 24 hours prior to performing operations.**
2. **Drill out packer at 12,900' and dump 35' or spot 25sx of class H cement on top of CIBP at 13,980'**
3. **A 230' plug (min 25sx class H) must be set across the top of the Morrow (top at 13,117') from 12,940-13,170'. Operator can combine step 1 and 2 into a single plug from CIBP to 50 ft above the top of the Morrow.**
4. **Set 4-1/2" CIBP 50-100' above top Atoka perf. at approximately 13,020' and dump 35' or spot 25sx of class H cement on top.**
5. **Set 4-1/2" CIBP 50-100' above top Strawn perf. at approximately 12,630' and dump 35' or spot 25sx of class H cement on top.**
6. **A plug must be set across the 7" casing shoe and the TOL from 12,110-12,450', attempt to perforate and squeeze since the TOC is unknown. If an injection rate cannot be established spot the plug 50 feet below perforations. WOC and tag.**
7. **Instead of the CIBP at 11,200 spot a 210' plug (min 25sx class H) across the top of the Wolfcamp (top at 11,300') from 11,140-11,350'.**
8. **Surface disturbance beyond the originally approved pad must have prior approval.**
9. **Closed loop system required.**
10. **5000 (5M) BOP to be used. 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.

11. Operator to have H2S monitoring equipment on location as H2S has been reported from wells in the area.

12. Completion report and subsequent sundry with well test and wellbore schematic required.

CRW 042711