



Lutz 1-A

Re-P&A

October 15, 2013

Engineer: Scott Reed
Workover Coordinator: Butch Till
Production Group Lead: Andrew Berhost
DJ Team Lead: Eric Root

Attachments:

Attachment 1 – Current Wellbore Diagram
Attachment 2 – Proposed Wellbore Diagram

API Number: 05-123-09422-0000

GL Elevation: 4882'
KB Elevation: 4999'

TD: 8016' MD
PBTD: 0' MD

Surface Casing: 8 – 5/8" OD, 24#, set at 209'

Production Casing: None

Tubing: None

Safety

Safety meetings are to be held with all service company personnel prior to each job. Wellsite supervisor must notify contractors as to known hazards of which the contractors may be unaware. Well site supervisor must ensure that all workers are aware of their responsibilities and duties under the EH&S guidelines. All safety meetings will be recorded on the Encana daily completion reports in Wellview.

Regulations

All verbal notifications and approval from government regulatory agencies will be recorded on the Encana daily report. The name of the individual contacted and the subject matter of approval or notification will be recorded.

Objective:

Re-enter well, drill up upper cement plugs, pump balanced cement plug above the Niobrara, pump balanced plug below Fox Hills, circulate cement to surface and top off.

Procedure:

1. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
2. Locate P&Aed well bore. Dig up and weld on flanges.
3. MIRU pulling unit. NU BOP.
4. Drill out surface cement plug, cement plug @ 123' and cement plug @ 1150' and circulate down to 7200'.
5. Establish circulation at 7200' and pump a 200 sx, class G cement, balanced plug.
6. Pull up hole to 1300'
7. Establish circulation at 1300' and pump a 350 sx, class G cement, balanced plug.
8. Spot 5 sxs of class G cement in the top of the surface casing.
9. WOC
10. Top off casing and annulus with cement as necessary.
11. ND BOP, RDMO pulling unit.
12. Cut off casing 4' below ground level.
13. Weld on metal plate and dry hole marker.
14. Restore surface location.
15. Ensure all cement tickets are mailed or emailed to the Denver office for subsequent reporting.