

Koch Exploration Company, LLC
Plug and Abandonment Procedure
WRD Fed A-30-2-96-N

Well Information:

API No: 05-103-09470
Location: NENE Sec. 32-T2N-R97W
Elevation: GL @ 6062'
TD: 7234'
PBSD: 5949'
Casing: Surface: 13 3/8" 48# to 304'
Intermediate: 9 5/8" 36# to 1950'
Production: 5 1/2" 17# to 7057'
Perforations: 5999-6764'

Procedure:

1. MIRU service rig. Bleed off pressure. Remove wellhead and install BOP.
2. RIH with tubing to tag CBP at 5949'. Pump 69 ft³ of cement to cover defected casing determined by CIT. WOC and tag at +/- 5400'. If no tag at that depth, continue to set balanced plug in increments until TOC of +/- 5400' is reached.
3. Pull up to 4500' and pump 110 ft³ of cement to cover defected casing as determined by CIT. Pump a maximum of 91 ft³ during each attempt as required by the BLM. WOC and tag at +/- 3750'. If no tag at that depth, continue to set balanced plug in increments until TOC of +/- 3750' is reached.
4. Run in well with tubing and packer. Set packer at 1900'.
5. Pump 190 ft³ of cement into holes in casing at 2375'. Attempt to circulate cement up through intermediate casing annulus. Spot 13 ft³ balanced plug across casing shoe.
6. POOH with tubing. Remove BOP, dig out cellar and cut off wellhead 4' below the surface.
7. Spot 13 ft³ of cement at surface.
8. Top job intermediate casing annuli if necessary.
9. Load out equipment and clean location.
10. Install dry hole marker as per Onshore Order #2.
11. Reclaim location as per BLM regulations.