

Koch Exploration Company, LLC
Plug and Abandonment Procedure
Federal A-31-2-96

Well Information

API No: 05-103-09471
Location: NENE Sec. 31-T2N-R96W
Elevation: GL @ 5853'
TD: 6909'
PBSD: 6857'
Surf Csg: 9 5/8" 36# @ 1405'
Prod Csg: 5 1/2" 17# @ 6900'
Perforations: 5586-6701'

Procedure:

1. MIRU service rig. Bleed off pressure. Remove wellhead and install BOP.
2. RIH with tubing. Spot cement plugs from PBSD at 6857' up through 5500'. Plugs will be designed to be no greater than 700', or 80 sacks (1.16 ft³/sk yield) each and will cover 50' below and above bad casing intervals. After an appropriate waiting period, cement top will be tagged before next plug set. Pressure test casing from 5500' up with 500psi for 15 minutes.
3. RIH with wireline. Perforation 5 1/2" casing 50' below 9 5/8" shoe at 1455'. Squeeze cement into perforations and spot cement plug across 9 5/8" casing shoe from 1500' up to 1300'.
4. Cut 5 1/2" casing at 200' and POOH. RIH 50' into casing stub (at 250') and spot 60 sacks cement. Top job stub plug until cement is to surface.
5. If needed, 1" the 9 5/8" x 13 3/8" annulus.
6. Cut off wellhead at least 3' below final restored ground level and install dry hole marker as per Onshore Order #2.
7. Reclaim location as per BLM regulations.