

Koch Exploration Company, LLC
Plug and Abandonment Procedure
Ant Hill Unit 33-24

Well Information

API No: 05-103-10235
Location: SENE Sec. 33-T2N-R96W
Elevation: GL @ 6038'
TD: 7585'
PBSD: 7250'
Perforations: 5890-7220'

Procedure:

1. MIRU service rig. Bleed off pressure. Remove wellhead and install BOP.
2. RU DLD Pipe services and run casing integrity log from 5900' up to surface. Discuss with BLM where bad casing point(s) exist.
3. RIH with tubing. Spot first cement plug across existing perforations from CIBP set at 7250' up to 6550'. After an appropriate waiting period, cement top will be tagged before next plug set.
4. RIH with tubing. Spot second cement plug across remaining existing perforations from 6550-5840'. After an appropriate waiting period, cement top will be tagged before next plug set.
5. RIH with tubing. Based on CIT results, spot remaining plugs across bad casing points, with a minimum of 50' of cement coverage above and below bad zones. After an appropriate waiting period, cement top will be tagged before next plug set.
6. RIH with wireline and perforate at 1177'. Attempt to circulate cement to surface. If unable to circulate to surface, casing will be cut at 100' and a stub plug set in accordance to Onshore Order #2. A 100' cement plug will be set across the surface casing shoe at 1127'.
7. Spot final cement plug at 100', resulting in final top of cement at surface.
8. Cut off wellhead at least 3' below final restored ground level and install dry hole marker as per Onshore Order #2.
9. Reclaim location as per BLM regulations.