



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

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**Plugging Procedure**  
**North Caprock Queen Unit # 5Y**  
**UL E, Sec. 8, T13S, R32E**  
**API # 30-025-24155**

9 5/8" casing set at 305ft, cement with 150 sx, Cement circulated  
5 1/2" casing set at 3123ft, cement with 275 sx, TOC calculated at 2000ft  
Perfs 3069-3075ft  
All well fluids will be circulated to steel tank or plastic lined pit

1. Move in rig up plugging rig
2. NU BOP
3. Pull production tubing
4. Run 5 1/2" casing gauge ring and junk basket to 3000ft
5. Pull GR
6. Run and set CIBP at 3000 feet
7. Cap CIBP with 35 ft of cement by dump bailer
8. Run tubing open ended and tag cement
9. Displace well with gelled brine water
10. Pull tubing
11. Perf csg at 1480 ft
12. Run packer and tubing, PSA 1200 ft
13. Squeeze perfs with 35 sx cement, displace cement to 1380 ft, WOC
14. Release packer and pull tubing
15. Perf casing at 350 ft
16. Establish circulation thru 8 5/8" and 5 1/2" casing annulus
17. Pump cement down 5 1/2" casing until cement shows on annulus
18. Monitor well for fluid level
19. Cut off well head and install PA marker
20. Rig down move out plugging rig
21. Remove pumping unit and tank battery
22. Cut off SU anchors, clean and level location
23. Clean and level tank battery site
24. Remediate old pit site

**BEP 9/4/02**

