

## **PLUG AND ABANDON**

### **BW Musser #4**

1. Started on 5/23/12, Removed and LD the tbg hanger, released seal assembly from permanent packer, and POH.
2. Round tripped a 7-7/8" bit & casing scraper to 2850', circulating clean.
3. Contacted BLM Little Snake Office with notice to P&A, witnessed by Roy Wallace.
4. MU a CICR & TIH. Set retainer @ 2780'.
5. Rig up a cementer and establish a rate and pressure through the CICR. Sting out of the CICR and mix and spot 60 sacks of "G" cement. Sting into the retainer and squeeze the perforations w/ 45 sacks below the CICR. Sting out, LD 2 joints and reverse out cement leaving a 50' cement plug on top of the retainer.
6. Pull and LD two more joints. Mix and circulate 175 bbls of 9ppg Poz/gel, filling hole.
7. RU cementer, mix & spot 80 sack balanced cement plug into 8-5/8" casing, from 365' to 100'.
8. RU contract wireline, perf casing w/ csg puncher, 4 holes @ 100'.
9. RU cementer, MU mix & spot 50 sacks cement into 8-5/8" casing, for 100' surface plug into the 8-5/8" & then the outside 8-5/8" x 10-5/8" annulus, circulate for a 100' surface plug. Topped off the casing & the annulus as needed.
10. ND the BOP and remove the tubing spool. Cutoff the wellhead.
11. Installed a regulation dry hole marker three feet below restored ground level. Note the GPS coordinates of the wellbore. GPS Coordinates: Elev = 6,506' Lat. N 40.94863\* Long. W 108.30259\*
12. Backfilled around the wellhead.
13. Rigged down and moved off all rig and rental equipment on 6/1/2012.
14. The location will be reclaimed later according to the government stipulations.