

New Mexico State "J" # 1
Plug and Abandon Procedure

1. Blow well down prior to RU. Lock and tag out all injection valves.
2. ND wellhead and NU BOP. Test BOP per guidelines. Circulate kill weight fluid.
3. POOH with 2-3/8" CL injection tubing and lay down. MI and rack 4100' of 2-3/8" workstring. PU and RIH with 7" test packer and workstring to 4065'. Tag CIBP and cement.
4. PUH 31' and test CIBP and cement @ 4065'. Test casing above test packer. If casing leak is identified, obtain injection rate and pressure. Squeeze if required by the NMOCD.
5. POOH with workstring and test packer. RIH with workstring opened to 4050'. Circulate 9.5ppg mud. PUH to 2820'. Spot 50sks cement from 2820'-2720'. POOH with workstring.
6. MIRU WLSU. RIH and perforate casing @ 1680' (salt zone) with 4spf. POOH with WLSU and RDMO.
7. PU and RIH with 7" packer to 1480'. Squeeze 60sks cement, leaving 50' of cement in casing. WOC and Tag. POOH with workstring.
8. MIRU WLSU. RIH and perforate casing @ 813' (surface shoe) with 4spf. POOH with WLSU and RDMO.
9. PU and RIH WITH 7" PACKER TO 700'. Squeeze 60sks cement, leaving 50' of cement in casing. WOC and Tag. POOH with workstring.
10. ND BOP and ND wellhead. PU and RIH with 7" mechanical cutter to 5' below ground level. Cut casing. POOH with workstring.
11. PU and RIH with 1jt of workstring. Spot 15sks surface cement plug. POOH with 1jts workstring.
12. Cut off wellhead 3' below ground level. Cap well with steel plate with NMOCD dry hole marker. Cut off rig anchors below ground level. Clean location and RDMO WSU.
13. Ensure NMOCD form C-103 has signature of cement company representative. Ensure all information is accurate before cementer leaves location.
14. Any changes to this procedure must be approved by the NMOCD and Houston Engineering prior to continuing the job.