

PLUG AND ABANDON WELL PROCEDURE
EVGSAU #3236-002

NOTE: Cement used is Class "C", density of 14.8 ppg, yield of 1.32 cubic feet per sack.

1. Notify NMOCD at (505) 393-6161, 24 hours prior to initiating plugging operations.
2. MIRU Plug & Abandon Package.
3. ND wellhead. NU PPCo. Class 1 shop tested BOP stack.
4. GIH w/ 2-3/8" WS and tag CIBP @ 4112'.
5. Circulate 7" casing with 9.5 ppg mud-laden fluid.
6. **Spot Plug # 1, 35 sx**, min volume 25 sx., calc'd interval: 4112'-3901'. Covers the San Andres and Grayburg. WOC & tag if deemed necessary by NMOCD.
7. POOH & LD to 3700'.
8. **Spot Plug #2, 25 sx**, min volume 25 sx., calc'd interval: 3700'-3550'. Covers the Queen.
9. LD to 2500'. POOH w/ WS.
10. RU WL and GIH w/ perf gun to 2850'. Perforate 7" casing at 2850'. POOH.
11. PU AD-1 rental packer & GIH on 2-3/8" WS to 2500'. Set packer.
12. Attempt to establish circulation through perforations @ 2850'. (Max rate & pressure should be 2-3 bpm and 1000 psi.)
13. If circulation is established, **Squeeze plug # 4, 50 sx** (20 sx in 7"x 8-3/4" annulus, 30 sx inside 7" prod. csg.), min volume 25 sx, calc'd annulus interval: 2850'-2675', inside 7" prod csg. interval: 2850'-2670'. Displace cmt to 175' below pkr. Covers the Yates in 7" x 8-3/4" annulus and inside 7" prod. csg.
14. Unseat pkr & LD to 1300'. POOH.
15. RU WL and GIH w/ perf gun to 1650'. Perforate 7" casing at 1650'. POOH.
16. PU AD-1 rental packer & GIH on 2-3/8" WS to 1300'. Set packer.
17. Attempt to establish circulation through perforations @ 1650'. (Max rate & pressure should be 2-3 bpm and 1000 psi.)