RECOMPLETION PROCEDURE
CHILDERS 3

MAR. 02, 1993 (1st VERSION)

1. Record TP, SICP, and SIBHP.
2. MIRUSU.
3. Blow down well.
4. Install BOP.
5. TOH with 2 3/8" tubing.
6. Make a scraper run inside the 4 1/2" liner to 6000'.
7. TIH with a cement retainer and set at 6000'.
8. Plug the Dakota by pumping 350 sacks of class B cement through retainer. Cap retainer with a 50' cement plug.
9. Make a scraper run inside the 7" casing to 4762'.
10. Pressure test casing to 3500 psi.
11. Run a GR/CCL/CBL from 5950' to surface and determine TOC for both the 4 1/2" liner and the 7" casing. Relay CBL info to Paul Edwards in Denver, and verify whether squeeze work will be necessary prior to either fracture treatment and so he can pick perfs for step 15.
12. Correlate the GR/CCL/CBL with Schlumberger's Induction/GR Log dated 82/05/27. TIH with a 3 1/8" casing gun and perforate the following Point Lookout intervals with 2 JSPF, 90 deg. phasing and 15 g charges.

PERFORATE

4983' - 85'	5020' - 34'	5036' - 39'
5041' - 53'	5066' - 79'	5084' - 91'

13. Fracture stimulate according to the attached frac schedule for the Point Lookout.
14. TIH with RBP and set at 4900'. Cap with 5 sacks of sand.
15. TIH with 4" casing gun and perforate the Cliff House intervals with 2 JSPF, 90 deg. phasing, and 23 g charges. Perforations will be determined based on the GR/CCL/CBL.
16. Fracture stimulate according to the attached frac schedule for the Cliff House.
17. Open well slowly 4 hours after the frac. Flow back overnight.
18. Clean out with N2 to RBP at 4900', TOH with same.
19. Clean out sand to PBTD (5950') with N2. If the CBL run in step 11 shows that the PC and Fruitland are not in communication then steps 20-26 may not be necessary.
20. TIH with RBP and set at 3000' inside 7" casing, cap with 5 sacks of sand.
21. Perforate 2 squeeze holes between the Fruitland and the PC (estimated to be at 2720'). Check depth with the GR/CCL/CBL and with the open hole log for the Mudge A 58 before perforating.
22. TIH with a cement retainer and set at 2200'.
23. Conduct a block squeeze by pumping 500 sacks of cement through the perfs.
24. Sting out of retainer, TOH, and WOC.
25. Drill out cement to RBP. Pressure test squeeze perfs and resqueeze if necessary.
26. TOH with RBP set at 3000'.
27. Land tubing at 5050' with a seating nipple one joint off of bottom and continue to flow back load until well is capable of producing against 350 psi.
28. Tie well into surface equipment and turn over to production.