BRADENHEAD PROCEDURE
MUDGE A 2A

MAR. 30, 1993 (ORIGINAL VERSION)

1. Record TP, SICP, and SIBHP.
2. MIRUSU.
3. Blow down well.
4. Install BOP.
5. TOH with 2 3/8" tubing. Lay down bull plug and perforated sub.
6. Make a scraper run to 5400'.
7. RU lubricator.
8. Run a correlation log from 5400' to 4300' and perforate, underbalanced, the MV with a 3 1/8" casing gun, 2 JSPF, 90 deg. phasing, and 15 g charges. Depths are correlated from Schlumberger's Compensated Formation Density log dated 77/12/18.

PERFORATE

5056' - 70'	5074' - 94'	5098' - 5100'
5124' - 29'		

9. TIH with RBP and set at 4800'. Cap with 5 sacks of sand.
10. Pressure test casing and liner top to 3500 psi.
11. Run a GR/CCL/CBL from 3033' to surface, and determine TOC for the 7" casing.
12. Swab fluid level down to 3600'.
13. RU lubricator. Correlate to Schlumberger's Compensated Formation Density log dated 77/12/18. TIH with 3 1/8" casing gun and perforate the following MV intervals with 4 JSPF, 90 deg. phasing and 15 g charges.

PERFORATE

4418' - 22'	4494' - 4500'	4507' - 24'
4528' - 36'	4572' - 76'	4613' - 15'
4621' - 24'		

14. Fracture stimulate these perfs according to the attached frac schedule.
15. TIH with RBP and set at 1800' inside 7" casing, cap with 5 sacks of sand.
16. Perforate 2 squeeze holes within 100' of the TOC in the 7" casing.
17. Conduct cement squeezes until cement is brought to surface. Run CBLs, shoot additional squeeze perfs, and contact Paul Edwards as necessary.
18. TOH with RBP set at 1800'.
19. Clean out with N2 to RBP at 4800' and TOH with same.
20. Clean out sand to PBTD (5474') with N2.
21. Land tubing at 5075' with a seating nipple one joint off of bottom and continue to flow back load until well is capable of producing against 350 psi.
22. TIH with 1 1/4" coiled tubing and land at 5075' also.
23. Modify wellhead to accomodate coiled tubing.
24. Tie well back into surface equipment and turn over to production.