

PLUG AND TEST PROCEDURE
BIG EDDY UNIT NO. 35

1. RU P/A unit and install 8" manual BOPE.
2. Pull 2-3/8" tubing and packer. Pick up additional 13 joints tubing to reach PBTD 12349'.
3. RIH with tubing open-end to check PBTD 12349'. Pull tubing to 12345' and break circulation. Circulate hole with 9.6 ppg brine gel mud (25#/bbl salt gel minimum).
4. Pull tubing to 11800' and set cement plug from 11800-11600' with 40 sx Class "H" cement, w/.10% HR-7.
5. Pull tubing to 10050' and set cement plug from 10050-9900' with 40 sx Class "H" cement, w/.10% HR-7. POOH with 2-3/8" tbg. WOC 4 hrs.
6. NDBOPE to PU 5-1/2" casing and remove slips. Before pulling slips, make sure there is not any pressure in 5-1/2" casing annulus. Weld on 5-1/2" casing extension and install BOPE on 8-5/8" casing.
7. Test casing to 1000 psi. RIH with free point and jet charge to find 5-1/2" free point. Cut 5-1/2" casing (estimated free point depth 8500'). Attempt to establish returns with mud.
8. POOH with 5-1/2" casing. RIH with 2-3/8" tubing open-end to 8575' and set a cement plug (75' in and 75' out of 5-1/2" casing stub) from 8575'-8425' with 40 sx Class "H" cement.
9. Pull tubing to 6700' and set a cement plug from 6700-6550' with 90 sx Class "H" cement.
10. Pull tubing to 5375' and set a cement plug from 5375-5225' with 107 sx Class "H" cement.
11. Pull tubing to 4235' and set a cement plug from 4235-4085' with 141 sx Class "H" cement. POOH with tubing. WOC 4 hours.
12. PU 7-7/8" bit and run in hole to top of plug and clean hole to 4080'. POOH with tubing and bit.
13. RIH with packer, seating nipple and three joints tailpipe. Spot acid from 4080-4040'. Set packer and acidize with total of 1000 gallons 7-1/2% Dolowash at 2-3 BPM. Swab 3 days.
14. If zone is found to be non-productive, POOH with tubing and lay down packer, SN, and tailpipe. RIH with tubing open-end and spot a cement plug from 4080-3960' with 66 sacks Class "H" cement. POOH.
15. PU 7-7/8" bit and RIH to 3905' and clean inside of 8-5/8" casing to 3940'. POOH.
16. Perforate with 2 JSPF from 3940-3905' using a 3-1/8" decentralized gun.