

ATTACHMENT I

Item 13 continued
Completion Procedure

8. Ran GR-CBL-CCL from PBTD 9251'-7200'. Good to fair bond across U. Penn & Morrow. Reran log w/1000 psig from 9251'-1800'. Good bond across U. Penn & Morrow, good bond 7200'-5600', poor to fair bond 5600'-1800'. POOH w/logging tools & RD Loggers.
9. RIH w/3 3/8" tbg. Conveyed perf gun & perf'd Morrow from 9167'-9185' w/6 JSPF (total 96 holes).
10. RU Testers & Morrow tested 0 BCPD & 961 MCFGPD on 9/64" choke w/FTP of 2850 psig & 500 psig on separator.
11. RIH & set plug in tbg @ 9115' slickline measurement. Bled well down & loaded tbg w/55 bbls 2% KCl water. ND tree & NU BOP's.
12. Released tbg from pkr & POOH. RIH w/5 1/2" RBP & set @ 7517'.
13. Loaded well w/2% KCl water & tested pipe rams & bridge plug to 1400 psig. POOH w/tbg. Closed blind rams & tested to 1400 psig.
14. RU wireline & RIH w/dump bailer & tagged RBP @ 7511' wireline measurement. Dumped 2 sx sand onto RBP. POOH w/bailer.
15. RU lubricator & tested to 1000 psig.
16. RIH w/perf guns & perf'd U. Penn from 7400'-7416' w/4 JSPF (total 64 holes). POOH & RD Perforators.
17. RIH w/RBP retrieving head, 5 1/2" RTTS pkr, SN & 2 7/8" tbg & set RTTS @ 7302'.
18. RU acidizers.
19. Loaded csg w/1 bbl 2% KCl water & tbg w/23 bbls 2% KCl water. Established rate w/water @ 26 BPM @ 3300 then opened bypass. Broke circ w/water. Pumped 40 bbls 15% NEFE HCl then closed bypass. Press csg to 700 psig. Acidized U. Penn from 7400'-7416' w/5000 gals 15% NEFE HCl w/100 ball sealers for diversion. No ball action. Flushed w/45 bbls 2% KCl water.
20. Opened bypass to equalize tbg & csg. Released pkr & RIH to knock balls off perfs. Reset pkr @ 7302' KB. Loaded csg w/44 bbls 2% KCl water. Tested pkr seat to 500 psig.
21. RD acidizers.
22. RIH & swabbed. Well kicked off flowing @ 2068 MCFPD on 27/64" choke, w/FTP of 850 psig and 600 psig on separator.
23. Killed well w/2% KCl water. Open pkr bypass to equalize tbg & csg. POOH w/tbg, SN, pkr & RBP retrieving head. RIH w/bailer & tagged fill @ 7504'. Bailed to 7513' & tagged RBP. POOH w/tbg & bailer. RIH w/retrieving tool & bailer. Latched onto RBP & POOH.
24. RIH w/tbg & sliding sleeve. Tested tbg to 7000 psig. Latched onto pkr @ 9114'.
25. ND BOP's & NU tree. Swabbed well in.
26. Ran 4-point tests.
27. Well currently shut in waiting on pipeline connection.