



HARVARD PETROLEUM CORPORATION

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HARVARD PETROLEUM CORPORATION
STATE #1 - Lea County, New Mexico

COMPLETION PROCEDURE

1. Run Welex Cement Bond and Correlation Log from PBTD to 8450' and across top of cement
2. Pick up 2 3/8" 4.7# EUE N-80 tubing and run to PBTD
3. Circulate hole with 2% KCL water
4. Pull out of hole with tubing
5. Perforate with 4" casing gun 2 holes/ft 9887-90, 9897-98 and 9901-9906'
6. Run RTTS packer and tubing
7. Acidize with 1000g 15% MCA at 1-3 BPM with ball sealers
8. Swab test
9. If additional treatment required, acidize with 4000g MOD-202 with ball sealers at 4-5 BPM
10. Swab test
11. Pull tubing & packer
12. Perforate 9853-56, 9859-62 and 9866-69' w/2 holes/ft
13. Run RTTS packer & retrievable B.P., set B.P. at 9875'
14. Acidize with 1000g 15% MCA @ 1-3 BPM
15. Swab test
16. If additional treatment required acidize with 4000g MOD-202 with ball sealers @ 4-5 BPM
17. Swab test
18. Retrieve B.P. & POH with tbg, packer & B.P.
19. If acceptable producing rate obtained, run production tubing for pumping well (unless we had flowing test).

February 4, 1983