

PROCEDURE:

1. Load tbg w/FW & establish pump-in rate into Morrow perms 13,065-149.
2. Run & set Blanking plug in perm. pkr @ 13,026'. Test plug.
3. MIRU DD PU. NU BOP. Swab fluid level to 11,000' & check for entry.
4. If no entry, reload tbg & release from pkr. Reverse circ prod wtr OOH w/FW. POOH.
5. Run dump bailer to cap perm pkr w/20' cmt.
7. Run 4-3/4" bit on 2-5/8" tbg to 9852' & spot 500 gals 20% HCL with 1 gpt nine-40 (surfactant), 5 gpt citric acid (iron control), & 4 gpt I-17 (inhibitor). PU & reverse circ with 2% KCl pkr fluid. POOH.
8. Run tubing conveyed perforating system with Guiberson Uni V retrievable pkr on 2-5/8" tbg to give 4000' of fluid in tubing (1800 psi hydrostatic). Set guns to perf Bone Spring w/4 SPF @ 9838-52' by running small corr. GR inside tubing to locate radioactive tag in tubing collar above packer. Run a short section of corr. log for correct positioning of guns. (Correlate to Schlumberger open hole CNL dated 12/1/78).
9. ND BOP & NU tree.
10. Drop detonating bar to perforate.
11. Flow well & evaluate.
12. If unable to flow load hole w/2% KCl water & BD Bone Spring 9838-52 with perf acid.
13. Swab & evaluate.
14. If necessary acidize w/2500 gals 20% HCl (same additives as spot) @ 3-4 BPM diverting with 75 (1.3 sp. gr) BS. Flush with 2% KCl.
15. Flow & evaluate.

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