

OSAGE #1

PROCEDURE:

STEP DESCRIPTION

- 1 Locate old wellbore - dig out & replace cellar - weld on starting head to 8-5/8" csg.
- 2 MIRU well service unit - N/U hydraulic BOPs (11" 5M) - test same - offload 2-7/8" work string to pipe racks.
- 3 Pick up BHA, (6) 4-3/4" DC & 7-7/8" mill tooth bit - drill out cement plugs to top of cut 4-1/2" csg \pm 5700' - circulate hole clean - POOH.
- 4 Pick up skirted dress-off mill - RIH - dress off fish top \pm 3' - POOH.
- 5 Pick up 2-3/8" tail pipe & 3-7/8" bit - RIH - enter 4-1/2" casing \pm 100' - circ clean - POOH - lay down work string.
- 6 GIH with 4-1/2" casing with lead seal bowl pack-off - stab bowl - pressure test casing - pick up - establish circulation - cement tie back casing - stab bowl over casing stub - WOC.
- 7 Set slips - N/D BOPs - install tubing spool - N/U BOPs (7-1/16") - test.
- 8 Pick up new BHA with 3-7/8" cmt mill - RIH P/U 2-3/8" work string - clean out 4-1/2" casing to \pm 8100' - pressure test casing - POOH. **NOTE: IF PBTD OR WOLFCAMP PERFS LEAK, REPAIR SAME.**
- 9 Run Neutron/GammaRay CBL/CCL from PBTD to cmt top - perf Cisco/Canyon as per geologist
- 10 Rig up to rod pump Cisco/Canyon for extended test.

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