

DECKER A #1A MV
Repair Procedure
A 3 31 12

1. Comply to all NMOCD, BLM, & MOI, rules & regulations. MOL and RU completion rig. Blow well down. NU 6" 900 series BOP with flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line.
2. TOH w/170 jts 2-3/8" & Baker Model "R" double grip pkr. Tbg is landed @ 5293' & pkr is @ 4614'. Hydrotest all tbg & replace all bad jts.
3. Set 4-1/2" top drillable BP on wireline @ 4550' & top w/ 1 sx sand.
4. TIH 4-1/2" pkr on tested 2-3/8" tbg & set @ 4520' (rabbit into hole). Pressure test csg below pkr & BP to 1000 psi. TOH to 4200'. Pressure test csg above pkr to 500 psi.
5. TIH w/4-1/2" cmt ret on 2-3/8" tbg & set @ 4480'. Sting out of ret & pressure test tbg to 2000 psi. Sting back into ret, establish rate w/2% KCL water, & pump 50 sx thixotropic cmt (Yield=1.5 cuft/sx) @ 4 BPM followed by 50 sx Cl "B" cmt @ 4 BPM. Pump displacement (2% KCL water) @ 1 BPM. When all thixotropic cmt is in zone (about 298 gal into displacement), shutdown for 5 min. (This will allow cmt to attain gel strength). Resume pumping displacement @ 1 BPM. When pressure reaches 500 psi, sting out of ret & reverse out. TOH.
6. TIH w/4-1/2" cmt ret on 2-3/8" tbg & set @ 4410'. Sting out of ret & pressure test tbg to 2000 psi. Sting back into ret, establish rate w/2% KCL water, & pump 50 sx thixotropic cmt (Yield=1.5 cuft/sx) @ 4 BPM followed by 50 sx Cl "B" cmt @ 4 BPM. Pump displacement (2% KCL water) @ 1 BPM. When all thixotropic cmt is in zone (about 287 gal into displacement), shutdown for 5 min. (This will allow cmt to attain gel strength). Resume pumping displacement @ 1 BPM. When pressure reaches 500 psi, sting out of ret & reverse out. TOH.
7. TIH w/4-1/2" pkr on 2-3/8" tbg & set @ 4200'. Set pkr in tbg test position & test tbg to 2000 psi. Establish rate w/2% KCL water, & pump 50 sx thixotropic cmt (Yield=1.5 cuft/sx) @ 4 BPM followed by 50 sx Cl "B" cmt @ 4 BPM. Pump displacement @ 1 BPM. When all thixotropic cmt is in zone (about 309 gal into displacement), shutdown for 5 min. (This will allow cmt to attain gel strength). Resume pumping displacement (2% KCL water) @ 1 BPM. When pressure reaches 500 psi, stop pumping (reverse out if cmt is still in tbg). Hold 500 psi for 30 min, reverse out tbg, & TOH.
8. TIH w/ 3-7/8" bit on 2-3/8" tbg. Drill cmt & CO w/water to cmt ret @ 4480'. Pressure test to 800 psi. Drill ret @ 4480' & drill cmt & CO to cmt ret @ 4410'. Pressure test to 800 psi. Drill ret @ 4410' & drill cmt & CO to top drillable BP @ 4550'. Pressure test to 800 psi.
9. Unload hole w/ air/mist. Drill BP @ 4550' & CO to 5260' w/air/mist.

DECKER A #1A - SQUEEZE CLIFFHOUSE & REPAIR TUBING
Page 2

10. Obtain pitot gauges when possible. When well is sufficiently clean, TOH.
11. Land 2-3/8" tbg @ 5200' w/ standard SN one jt above open ended bottom.
Take final pitot gauges and gas and water samples.
12. Release rig & resume production.

Approve: _____
J. A. Howieson

Vendors:

Cement:	Western	327-6222
Wireline:	Basin	327-5244

PMP

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UNIT A SECTION 3 T31N R12W
SAN JUAN COUNTY, NEW MEXICO



