

WELL WORK RECOMMENDATIONS
Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease Santa Fe Pacific Well No. 3
Field Crossroads Devonian
County Lea State New Mexico

RECOMMENDED PROCEDURE

1. MIRU Pulling Unit. Pick up 2 7/8" work string. R/H w/ cmt retainer and set @ $\pm 11,400'$.
 2. Squeeze Penn perfs @ 11,445' - 11,538' w/ 300x Class C neat cmt. POK
 3. R/H w/ bit and drill collars to drill out cmt retainer and cmt to 12,145'. Test squeezed Penn perfs to 500 psi. If squeeze held proceed, if not resqueeze.
 4. Drill out CIBP @ 12,145', cmt retainers @ 12,232' and 12,235', cmt filled OK to 12,263', and new hole to 12,555'. POK w/ bit and drill collars.
 5. R/H w/ treating pkr on 2 7/8" work string and set @ $\pm 12,100'$. Test tbg to 5000 psi in hole.
 6. Acidize Devonian perfs and DH w/ 15,000 gallons 15% HCl @ 8-10 BPM.
 7. Run injectivity test on well as prescribed by Hobbs Engineering. If test is successful proceed, if not hold for further recommendations.
 8. P.O.H. and lay down tbg and pkr.
 9. R/H w/ Baker Model FA-1 Permanent pkr and set inside 7" csg @ 12,100'.
 10. R/H w/ 4 1/2" K-55 ST&C 11.6" csg lined with Duoline "HT" lining and nickel coated seal assy & stab inside permanent pkr @ 12,100'.
- Load backside w/ treated water & place well on disposal.
Oper. Engr.

MRC 11/7/80

OK CMB 11/21/80