

MIDLAND E & P DIVISION

WELL WORK RECOMMENDATIONS

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

Lease: Humphrey Queen Unit Well No. 1  
Field: Langlie-Mattix (Queen)  
County: Lea State: New Mexico

RECOMMENDED PROCEDURE:

1. MIRU DD Pulling Unit. Pull producing equipment.
2. RU reverse circulating unit and drill deeper from 3540 to 3680 (140') Clean up hole. P.O.H.
3. Run GR-N log over new hole. Minimum footage.
4. Acidize open hole section with 1,500 gals 15% NE-HCl.
5. Swab back acid water and clean up.
6. Return well to production.