

ALL WORK RECOMMENDATIONS

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

Lease: Humphrey "A" Well No. 4
Field: Langlie Mattix
County: Lea State: New Mexico

RECOMMENDED PROCEDURE:

1. Drill the well 88' deeper from T.D. of 3,462' to 3,550'.
2. Run a Gamma Ray - Neutron Log from the new T.D. of 3,550' through the minimum logging interval.
3. Wash the new open hole section (3,462' - 3,550' + 88') with 500 gals of 15% non-emulsion, iron stabilized, HCl acid.
4. Run 2", acid resistant, cement-lined tubing and an injection packer. Load the tubing-casing annulus with fresh water treated with 10 gals of Cortron 2207 per 1000 gals of water. Set the packer approximately 50' above the top of the injection interval.
5. Put the well on injection. Pump into well - Grad volume - rate - pressure.

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