

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. 17-WIW
Field: Langlie Mathis (Queen)
County: Lea State: New Mexico

RECOMMENDED PROCEDURE:

1. Run WACO radioactive survey to determine injection distribution.
2. Pull injection equipment.
3. Clean out to 3,545 TD.
4. Run tubing to squeeze interval 3440'-3545'-105'.
5. Inject radioactive tagged water down tubing-casing annulus & hold interface at 3440' while injecting the following down the tubing:
 - a. 150 bbls of Halliburton's Injectol "L" slurry (13.5 #/gal.)
 - b. 10 bbls of fresh water.
 - c. 100 cu ft of class "H" cement.
6. Shut well in for 24 hrs after pulling tubing up hole to a safe point.
7. Clean out to PB TD of 3440'.
8. Run cement lined tubing & packer. Load annulus with fresh water containing 10 gal. carbon 2207 per 1000 gal.
9. Put well on injection.
10. After injection has stabilized (about 2 weeks), run injection profile to evaluate work.

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11/16/71-JBN, JES