

MIDLAND E & P DIVISION

WELL WORK RECOMMENDATIONS

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

Lease: Santa Fe Pacific Unit Well No. 5

Field: Crossroads (Devonian)

County: Lea State: New Mexico

Note: Work should not be started until it is necessary to pull the well for repair.

RECOMMENDED PROCEDURE: 1. Move in a pulling unit and pull the tubing and Reda pump.

2. Set a retrievable bridge plug at approximately 12,125'.

3. Spot 100 gals of 15% non-emulsion, HCl acid in the bottom of the hole and perforate the following interval in the Devonian Formation with 1 jet shot per foot.

12,096' - 12,110' - 14' - 14 holes

Perforations were selected from Schlumberger's Micro-Log dated 8/4/53.

4. Run the tubing, a treating packer, and a hold-down. Set the packer at approximately 12,050'.

5. Acidize the Devonian Formation (12,096' - 12,110' - 14' OA - 14 holes) with 5000 gals of 15% non-emulsion, HCl acid. Treat at 3 to 5 Bbls/min and use a sufficient quantity of rubber-covered nylon ball sealers to completely ball out. Approximately