DAGC LAKE "5" STATE NO. 1
DAGGER LAKE (DELAWARE) FIELD
LEA COUNTY, NEW MEXICO

RECOMMENDED PROCEDURE

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1. MIRU pulling unit. POH with the rods. ND wellhead and NU BOP. Unset the tubing anchor and POH with the tubing.

2. MIRU wireline unit. RIH with a gauge ring to ±5500'. POH. RIH with CCL tool and a 4" casing gun. Perforate the following intervals with 4 JSPF at 120° phase:

Perf Interval	No. Holes
4951' - 4956'	21
4962' - 4980'	73

for a total of 94 holes. POH. RDMO wireline unit.

3. RIH with the Perforation Cleaning Tool (PCT) and tubing to the top perforation. NU BIW stripper head and enough chicksans and steel line necesary for tool movement across the perforated interval.

4. MIRU stimulation company. NU surface lines and test to 4300 psi. Monitor the 2 7/8" x 5 1/2" annulus. Pump 200 gallons of toluene followed by 2500 gallons of 7 1/2% DAD (75:25) acid. The DAD acid system will consist of 1875 gallons of 7 1/2% HCl acid, 625 gallons of toluene, 5 gallons of paraffin inhibitor and solvent, 38 gallons of a dispersant, 25 gallons of an iron control agent and 10 gallons of corrosion inhibitor. Reciprocate the PCT across the perforations while pumping. Flush with 30 bbls. of 2% KCl containing a surfactant for clay stabilization.

Anticipated Treating Rate = 2 BPM
Anticipated Treating Pressure = 1000 psi
Maximum Annular Pressure = 1500 psi
Maximum Treating Pressure = 4300 psi

POH with the tubing.

5. RIH with a packer, SN and tubing to ±4940'. Set the packer and swab to recover load volume of ±90 bbls.

6. RU stimulation company. NU surface lines and test to 3000 psi. Monitor the 2 7/8" x 5 1/2" annulus. Pump 1100 gallons of 2% KCl mixed with 220 gallons of Tretolite's SCW-0260H scale inhibitor and 3 gallons of WCW-5827Q surfactant for clay stabilization. Flush with 250 bbls. of 2% KCl water containing 5 gallons of DMW-2336D demulsifier and 12 gallons of WCW-5827Q surfactant. Allow the scale inhibitor squeeze to soak for 24 hours before producing any fluid.

Anticipated Treating Rate = 5 BPM
Anticipated Treating Pressure = 1500 psi
Maximum Treating Pressure = 3000 psi

RDMO stimulation company. Release the packer and POH.

7. RIH with SN, tubing anchor and 2 7/8" tubing. Set the tubing anchor at ±4600' and SN at ±5090'. ND BOP and NU wellhead. RIH with 2 1/2" x 2 1/4" x 12' pump, 2690' of 7/8" rods, 1900' of 3/4" rods and 500' of 1" rods. Space out pump and connect to pumping unit. RDMO pulling unit. Connect to surface facilities and begin pumping after the 24 hour soak time. Report rates to the Midland office.