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JUL 30 1993

Q. C. D.

Mack Energy Corporation
GJ West Coop Unit #118
Sec 21-T17S-R29E
990 FNL 2310 FWL

Treatment

Acidized perfs 2259-2399 w/500 gals 7 1/2% acid;
Frac perfs 2259-2599 w/500 bbls gel wtr, 100sx 20/40 and 150sx
12/20;
Acidized perfs 2611-85 w/1000 gals 15% NE acid;
Frac perfs w/500 bbls gel wtr 120sx 20/40 and 130sx 12/20;
Acidized perfs 2901-3518 w/4000 gals 10% NE acid;
Frac perfs 2901-3518 w/160,000 gals gel wtr, 500sx 20/40, 1000sx
12/20 and 1000sx 8/16;
Acidized perfs 3506-3720 w/1000 gals 15% NE acid and 32,000 gals
20% NE acid.