

EQUIPMENT AND FLUID REQUIREMENTS

WIRELINE SERVICES

Baker Atlas.

Hobbs 505.392.7593

BONE SPRINGS ACID JOB

Totals Needed for Treatment

Schlumberger to Provide

Hobbs 505.393.6186

- 2800 gals. 7.5% HCL w/ additives as per attached specifications dated 6/6/02
- 300 ball sealers (1.3 SG, 7/8" OD)

ChevronTexaco to Provide

- 40 bbls. 2% KCL for flush

BONE SPRINGS FRACTURE STIMULATION

Totals Needed for Treatment

Schlumberger to Provide

Hobbs 505.393.6186

- Additives for 46,000 gal YF135 fluid system for frac as per attached specs 6/6/02
- Additives for 14,169 gal WF135 fluid system for flush as per attached specs 6/6/02
- 163,000 lbs 20/40 CR4000 (Curable Resin Coated Sand)

ChevronTexaco to Provide

- 1700 bbls. 2% KCL in 4 clean frac tanks
- (1100 bbls frac fluid + 337 bbls flush + 80 bbls excess + bottoms)
- Flowback manifold and blowdown tank