

Ingram Federal #2

On first treatment, perf. @ 3854-55-56-61-65-68-69, 2 P/F, .45" jet. Spotted acid and pulled R-4 packer back to 3799.46', 124 joints and set packer. Squeeze acid for 2 hours, formation broke @ 3400 psi, average rate of 1.5 BPM, ISDP 500 in 3 minutes on vacuum. Pump 2000 gal 15% NE acid, trip packer and put on pump. This well pumped @ 200 BPD rate for 63 days with no show of oil or gas. We pulled rods and tubing, ran back RTTS packer and set @ 3715. Pump 300sx of Class C cement, 2% Calcium Chloride and squeezed off @ 3000#.

Drilled out and re-perf. @ 3852-53-54-55-56-57-58, 2 P/F, .43" jet. Ran 2 3/8" tubing and Guiberson packer, spotted 20% NE acid, pulled back to 3780', treated with 5000 gal 20% NE acid. Max.Press. 2000#, Min.Press. 400#, average injection rate 1/4 BPM. ISDP was on vacuum.

We swab tested for 3 days with no show of oil or gas, fluid standing @ 1800' of surface. We feel that we should put this well on as a disposal well, as it is low to our Paye wells and will back us up to the west side of our lease. The Ingram #4 which we have just plugged was also wet in the same zone, which is, top part of P-2 zone that is productive on the Paye Federal lease.

We would like to run R-4 packer and 124 joints of 2 3/8" tubing and set @ 3799' to inject water in perfs 3852-58, 2 P/F, .43" jet, as a water disposal well.

In the event we should encounter pressure, tests will be run to make sure we are in zone.

If well has to be shut-in, we can circulate well with treated water or squeeze zone off if necessary.