

Lowe State #1 - Eddy County, New Mexico:

TD 10,250', reached TD in 1973, set 8-5/8" surface csg @ 2600', cmt cir'd to surface. Plugged back from 10,250' to 8673', ran 5-1/2" csg set @ 8673' w/TOC @ 5180'. Originally completed in 1973 w/5-1/2" csg through perfs 8361'-8406' as a Crooked Creek Strawn Well. Strawn Zone depleted in 1978 and was re-entered in 1978. Squeezed Strawn Zone from 8361'-8406' w/150 sx Class "H". Drld out & tested squeeze, okay. Drlg out to original TD of 10,250', ran 4" 11.34# FJ Hyd-Liner to 10,250'. TOL @ 8271'. Cmt'd w/550 sx Class "H" cmt & cir'd from btm to top @ 8271'. Perf'd liner 9721'-10,019', ran 4" tbg, seated in TOL @ 8271'. Acid'd & completed as Crooked Creek Morrow gas well through perfs 9721'-10,019' in 4" liner in 1979'. Ran 4" CIBP set @ 9760' to shut-off H2O. 2" tbg presently landed w/seal units in TOL @ 8271', Morrow Zone is now depleted. Plans are to P & A well by following method:

Plug #1 - Squeeze perfs 9721'-9760' in 4" liner w/150 sx Class "H" cmt leaving 4" liner full of cmt from 9760' back to TOL @ 8271'. Release tbg from on-off tool @ TOL, 20' cap of cmt @ 8250', cir hole w/10# mud laden brine water, set gel 20-25# mud/bbl brine water. Mix & spot 2nd plug, 20 sx 100' in 5-1/2" from 8250'-8150', pull tbg, shoot 5-1/2" csg off @ 5180', TOC, pull & LD 5-1/2" csg, run tbg in hole to 5230', 50' into 5-1/2" csg stub. Spot plug #3 w/25sx 100' - 50' in & out 5-1/2" stub from 5230'-5130', pull tbg out of hole, WOC & tag TOC plug. Run tbg to 3390', spot plug #4 w/40 sx 100' - 3390' to 3290' - 50' in & out Bone Springs, pull tbg to 2650', spot plug #5 w/40 sx 100' - 50' in & out 8-5/8" shoe. Pull tbg out of hole, WOC. Tag plug. Run 1 jt tbg, 30', spot plug #6 w/10 sx, cir cmt to surface, set & install dry hole marker, clean location of all debris, cut-off & remove guy line, anchors, back fill all pits & level location. Estimate starting operations 30 - 60 days.