

6. Tag cement plug @ 3236', drill through cement retainer @ 3257' and drill out to +3290'. Pressure test channel perforations @ 3270'-74' to 600 psi for 30 minutes.

A. If pressure holds, proceed to step 7.
B. If pressure test fails, re-squeeze.

7. Tag cement plug @ 3313', drill through cement retainer @ 3323' and drill out to float collar @ 3756'. Pressure test Seven Rivers perforations @ 3348'-3437' to 600 psi for 30 minutes.

A. If pressure holds, proceed to step 8.
B. If pressure test fails, re-squeeze.

8. Tag cement plug @ +3756' and drill out to guide shoe @ +3795' (TD). Pressure test casing to 600 psi for 30 minutes.

A. If pressure holds, proceed to step 9.
B. If pressure test fails, cement squeeze.

NOTE: Guide shoe may be @ 3771'. If metal cuttings are returned @ +3770' POOH w/2-3/8" workstring, 4-1/2" drill collars, 5-1/2" casing scraper and 4-3/4" bit. Revised procedure will follow.

9. Spot 84 gals. (2 bbls.) 15% HCL-NE-FE from 3358' to 3274' (inhibit acid for 24 hrs. @ 95°F). POOH w/2-3/8" workstring, 4-1/2" drill collars, 5-1/2" casing scraper and 4-3/4" bit.
10. Rig up perforating service. GIH w/4" hollow carrier, select-fire casing gun (0° phase, 1 JSPF, EHD-0.40"), casing collar locator (CCL), and wireline. Perforate the Seven Rivers-Queen formation @ 3701', 3703', 3705', 3707', 3709', 3731', 3733', 3735', 3737', 3750', 3752', 3754', and 3758' (Total: 13 shots)

Casing collars @ 3582'+, 3618', 3653'+, 3690'+, 3726'+ and float collar @ 3756'.

PERFORATE FROM TOP TO BOTTOM OF INTERVAL.

Perforating depths are based upon GR-CCL logs.

11. POOH w/wireline, CCL and 4" perforating gun.
12. GIH w/5-1/2", 15.5# retrievable bridge plug, on-off tool, 5-1/2", 15.5# tension treating packer, seating nipple and 2-3/8" workstring. Tag TD @ +3795' and set bridge plug @ +3785'. Spot 5' of sand on top of bridge plug and pressure test to 1000 psi.
13. Set treating packer @ +3650'.
14. Rig up acidizing service. Breakdown and acidize the Seven Rivers perms. from 3701' to 3758' w/1638 gals. (39 bbls.) 15% HCL-NE-FE @ 1/2 to 1 BPM down 2-3/8" workstring. (Inhibit acid for 24 hrs. @ 95°F)

Maximum treating pressure: 1000 psi.