

WELL DATA

- 1.) Clear location. Move in rig. Remove P&A marker. Bleed off any pressure from surface. Install BOP.
- 2.) RIH w/2 3/8" workstring, drill collars and 4 3/4" bit. Drill out cement plug from surface to 160'. Drill out to 3540' and circulate 10 PPG mud out of hole w/10 PPG brine. Test 5 1/2" - 17# production casing to 500 psi. Drill out cement plug @ 3540'-3700'. Clean out to TD (3924') w/ brine. (Add LCM as necessary to maintain circulation). Circulate hole clean w/TFW. POOH.
- 3.) Rig up logging service. RIH w/CCL/GR/CNL and FDC w/swivelhead. Log from TD to +2700' w/2" & 5" scales.
- 4.) Rig up wireline service. RIH w/CIBP and set @ +3825'. (Casing collars to be determined from CCL run above.) Spot 3 sxs. cement on top of CIBP.
- 5.) RIH w/2 3/8" tubing open-ended. Spot 25 bbls 15% NE-HCl from +3800' to +2700'. POOH.
- 6.) Rig up perforating service. RIH w/4" OD hollow carrier selective fire casing gun, 0° phase, 2 JSPF. Perforate Yates, Seven Rivers, Queen formation. (Perforations and casing collars to be determined from logs run above). Perforate from top to bottom of interval.
- 7.) RIH w/2 3/8" tubing and retr. packer. Set packer @ +2700'. Rig up acidizing service. Acidize the Yates, Seven Rivers, Queen perforations w/200 gals./perf 15% NE-HCl utilizing 7/8" RCN ballsealers. Release two ballsealers every 200 gals. Run packer thru perfs to free ballsealers. POOH w/2 3/8" tubing and packer.
- 8.) RIH w/2 3/8" tubing and SN. Set tubing @ +3775' w/SN @ +3750'. Swab well in. Place well on production. Report results to Division Office.

Note: Procedure subject to revision after final selection of perforations.