

Karich 2-32

- 1 Call foreman or lead operator at least 24 hr prior to rig move. Request that they catch and remove the plunger, isolate production equipment and remove any automation prior to rig showing up. Install perimeter fence as needed.
- 2 GYRO complete 9/13/2012.
- 3 Provide notice of MIRU to COGCC field inspector as specified in approved form 6.
- 4 Notify IOC when rig mobilizes to location to generate workorder for flowline removal and one call for line locates.
- 5 Prepare location for base beam equipped rig, tubing in hole is short by 8 joints to retrieve RBP – have at least 8 joints of 1-1/4" tubing delivered to location.
- 6 Notify cementers to be on call. Provide volumes 10 sx Class G, 0.4% CFL, 0.1% SMS, .05% CR-4 13.5ppg 1.66 yield (In pipe only), 20 sx Blend 1:2:4 Poz:III:Gel, 3% (BWOW) KCl, 1% SMS, 0.4% CR-r, 0.2% SPC-2, 1.93 yield, 350 sx Type III + 0.2% SPC-2, 2 lb/sk PS Flake.
- 7 MIRU, ND WH. NU BOP. Unseat landing jt, LD. TOOH, SB tubing. RIH with tool to retrieve Thunderbird RBP at 7,040'. Unseat RPB and TOOH w/ RBP, LD RBP, SB tubing.
- 8 TIH w/ 1-1/4" tubing to 7100' (or tag), hydrotesting while running in hole to 3000 psi..
- 9 Spot 10 sx Class G, 0.4% CFL, 0.1% SMS, .05% CR-4 13.5ppg 1.66 yield (In pipe only) from 7100' to 6600'
- 10 PUH to 5025'. Circulate 100 BBL 9ppg biocide drilling mud to clear tubing. WOC 4 hrs.
- 11 Spot 20 sx Class G, 0.4% CFL, 0.1% SMS, .05% CR-4 13.5ppg 1.66 yield (In pipe only) from 5025' to 4200'
- 12 PUH to 3000'. Circulate 100 BBL 9ppg biocide drilling mud to clear tubing. WOC 4 hrs.
- 13 TIH and tag plug. If below 4200', contact production engineer to discuss.
- 14 P&SB 1200'+/-' tbg. LD remainder.
- 15 RU WL. Crack coupling or shoot off casing at 1200'. RDMO WL. Circulate hole using 100 BBL water containing biocide to remove any gas.
- 16 NDBOP, NDTH.
- 17 NU BOP on casing head, install pipe rams
- 18 TOOH with casing, LD.
- 19 TIH into csg stub using production tubing to 1200'.
- 20 Spot 350 sx Type III + 0.2% SPC-2, 2 lb/sk PS Flake.
- 21 TOOH. WOC 4 hrs.
- 22 TIH and tag. If cement is below 650', discuss with production engineer.
- 23 Fill casing with 9.0 ppg drilling mud containing biocide from TOC to 100'.
- 24 RU Wireline services. RIH 8-5/8" CIBP to 100'. Set, PT to 1000psi for 15 min. If tests, RDMO WL and WO rig.
- 25 Supervisor submit paper copies of all invoices, logs, and reports to Frantz, Sabrina.
- 26 Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
- 27 Place Redi Mix cement on will call if cement top in 8 5/8" is more than 25' below surface.
- 28 Excavate hole around surface casing enough to allow welder to cut 8 5/8" casing minimum 5' below ground level.

- 29 Welder cut 8 5/8" casing minimum 5' below ground level.
- 30 MIRU redimix. Use 4500psi compressive strength cement, (NO gravel) fill stubout.
- 31 Weld on steel marker plate. Marker should contain Well name, number, legal location (1/4 ¼ descriptor) and API number
- 32 Properly abandon flowlines per Rule 1103.
- 33 Back fill hole with fill. Clean location, level.
- 34 Submit Form 6 to COGCC ensuring to provide "As performed" WBD identifying operations completed.