

WORKOVER PROCEDURE

WELL NAME: Spike State CC30-04 **DATE:** 2/3/2016

LOCATION: Qtr/Qtr: NWNW Section: 30 Township: 4N Range: 63W

Footages: 653 FNL & 631 FWL

COUNTY: WELD **STATE:** CO **API #:** 05-123-15793

ENGINEER: AJ Paine 7 Day Notice Sent: _____
(Please notify Engineer of any major Do not start operations until: _____
changes prior to work) Notice Expires: _____

OBJECTIVE: P&A

WELL DATA: Surface Csg: 8 5/8", 24# @ 353' KB Elevation: 4757'
Surface Cmt: 400 sx GL Elevation: 4748'
Long St Csg: 2 7/8", 6.5#, N-80 @ 6982' TD: 6967'
Long St Cmt: 200 sx PBTD: 6917'
Long St Date: 6/22/1992

Plug Back (Sand or CIBP): Sand
Perforation Interval (1): Codell Perforations: 6805' - 6815'
Perforation Interval (2): _____
Perforation Interval (3): _____
Tubing: 1 1/4", 2.33# @ 6781' Rods: _____
Pump: _____
Misc.: Casing patch @ 5198 ftKB run in 2006 and tested to 2000#

PRODUCTION STATUS: 0.3 bopd and 4 mcf.

COMMENTS: Well not paying out LOE expenses and has upcoming WBI work.

PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 1 1/4" tbg and lay down.
- 3) RU WL. RIH w/ CIBP. Set CIBP @ 6755'.
- 4) RIH w/ workstring to pump 10 sx balance plug on top of CIBP to 6435' to cover Niobrara top.
- 5) POOH w/ workstring to pump 10 sx balance plug @ 2500' for courtesy plug.
- 6) RIH w/ perf gun. Perforate 2 7/8" csg @ 690' & 540' (10' below BOC).
- 7) RIH w/ CICR. Set CICR @ 590'. Pump 55 sx through and 17 sx on top (will bring cement to surface).
- 8) Run 1 1/4" workstring down annulus. Pump 10 sx cement from 40' to surface.
- 9) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 10) Cut surface casing off 6'-8' below ground.
- 11) Clean up location. Reclaim location. RDMO.