

WORKOVER PROCEDURE

WELL NAME: Leonard 21-0614 **DATE:** 8/11/2016

LOCATION: Qtr/Qtr: SENW Section: 21 Township: 4N Range: 64W

Footages: 1980 FNL & 1978 FWL

COUNTY: WELD **STATE:** CO **API #:** 05-123-17903

ENGINEER: Garrett Reddin 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" 23# @ 518' KB KB Elevation: 4736'
Surface Cmt: 250 sx GL Elevation: 4724'
Long St Csg: 3-1/2" 7.7# B-70 @ 7085' KB TD: 7098' KB
Long St Cmt: 525 sx PBDT: 7025' KB
Long St Date: 1/13/1994

Plug Back (Sand or CIBP): _____
Perforation Interval (1): Niobrara Perforations: 6642-6734' KB
Perforation Interval (2): Codell Perforations: 6913-6925' KB
Perforation Interval (3): _____
Tubing: 2-1/16" 3.25 J-55 @ 6903' KB Rods: _____
Pump: _____
Misc.: _____

PRODUCTION STATUS: PR

COMMENTS: Slimhole

PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 2-1/16" tbg and lay down.
- 3) RU WL. RIH w/ CIBP. Set CIBP @ 6592', dump bail 2 sx of cement on top.
- 5) RIH w/ workstring to pump 20 sx balance plug at 4400' (TOC ~3952')
- 4) Unland casing. Cut casing off @ 2500'. POOH with casing laying down on trailer.
- 6) RIH w/ workstring to pump 100 sx stub plug where csg was pulled (TOC ~2290'). If maintain circulation, no need to tag
- 7) POOH w/ workstring to 870'. Pump 330 sx shoe plug. Cement to surface.
- 8) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 9) Cut surface casing off 6'-8' below ground.
- 10) Clean up location. Reclaim location. RDMO.