

WORKOVER PROCEDURE

WELL NAME: Leonard 1 **DATE:** 5/20/2015

LOCATION: _____

Qtr/Qtr: SW/SE Section: 21 Township: 4N Range: 64W

Footages: 660' FSL & 1980' FEL

COUNTY: WELD **STATE:** CO **API #:** 05-123-11313

ENGINEER: Hilary Ramseier 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# 411' KB Elevation: 7421'

Surface Cmt: 400 sx GL Elevation: 4708'

Long St Csg: 4-1/2" 11.6# 6,991' TD: 7002'

Long St Cmt: 250 sx PBTD: 6948'

Long St Date: 9/17/1983

Plug Back (Sand or CIBP): _____

Perforation Interval (1): Niobrara Perforations 6616' - 6704'

Perforation Interval (2): Codell Perforations 6883' - 6896'

Perforation Interval (3): _____

Tubing: 2-3/8" 4.7# J-55 6,862' Rods: _____

Pump: _____

Misc.: _____

PRODUCTION STATUS: Currently producing 0.5 bopd and 8 mcf/d. Pressures currently 252/263

COMMENTS: _____

PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 2 3/8" tbg and lay down.
- 3) RU WL. RIH w/ CIBP. Set CIBP @ 6566', dump bail 2 sx of cement on top.
- 4) Unland casing. Cut casing off @ 2500'. POOH with casing laying down on trailer.
- 5) RIH w/ workstring to pump 100 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
- 7) POOH w/ workstring to 870'. Pump 335 sx shoe plug. Cement to surface. (water well w/in 1 mile that is 720' deep)
- 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.