

WORKOVER PROCEDURE

WELL NAME: BERNHARDT PMO 12-4 **DATE:** 3/16/2015
LOCATION:
Qtr/Qtr: NW/NW Section: 12 Township: 4N Range: 67W
Footages: 505 FNL & 505 FWL
COUNTY: WELD **STATE:** CO **API #:** 05-123-14301

ENGINEER: GREG J ANDERSON 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# J-55 @ 329' KB Elevation: 4749'
Surface Cmt: 95 sx GL Elevation: 4736'
Long St Csg: 4 1/2" 15# J-55 @ 7310' TD: 7310'
Long St Cmt: 210 sx PBTD: 7191'
Long St Date: 7/12/1989

Plug Back (Sand or CIBP): _____
Perforation Interval (1): Niobrara Perforations: 6884' - 7095'
Perforation Interval (2): Codell Perforations: 7205' - 7222'
Perforation Interval (3): _____
Tubing: 2 3/8" 4.7# J-55 @ 7178' Rods: _____
Pump: _____
Misc.: TOC @ 6442' (CBL)

PRODUCTION STATUS: _____
COMMENTS: Base of Fox Hills @ 346'

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 @ 6834', dump bail 2 sx of cement on top.
NOTE: TO Niobrara @ 6882'. No balanced plug necessary)
- 4) Unland casing. Cut casing off @ 2500'. POOH with casing laying down on trailer.
- 5) RIH w/ workstring to pump 125 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
- 6) POOH w/ workstring to 496'. Pump 200 sx shoe plug. Cement to surface.
- 7) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 8) Cut surface casing off 6'-8' below ground.
- 9) Clean up location. Reclaim location. RDMO.