

WORKOVER PROCEDURE

WELL NAME: GUNTHER 18-01 **DATE:** 11/8/2016
LOCATION:
Qtr/Qtr: NWNE Section: 18 Township: 5N Range: 64W
Footages: 660 FNL & 1980 FEL
COUNTY: WELD **STATE:** CO **API #:** 05-123-12245

ENGINEER: Garrett Reddin, (720) 822-9993 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: 8.625" 24# @ 308' KB KB Elevation: 4631'
Surface Cmt: 300 sx GL Elevation: 4621'
Long St Csg: 4.5" 11.6# N-80 @ 6935' KB TD: 6970' KB
Long St Cmt: 135 sx PBD: 6898' KB
Long St Date: 2/13/1985

Plug Back (Sand or CIBP): FILL
Perforation Interval (1): Niobrara Perforations: 6579-6780' KB
Perforation Interval (2): Codell Perforations: 6871-6882' KB
Perforation Interval (3): _____
Tubing: 2.375" @ 6856' KB Rods: _____
Pump: _____
Misc.: _____

PRODUCTION STATUS: SI
COMMENTS: _____

PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH 2.375" tbg and lay down.
- 3) RU WL. RIH w/ CIBP. Set CIBP @ 6529', dump bail 2 sx of cement on top.
- 4) RIH w/ perf gun. Perforate 4 1/2" casing @ 4530'.
- 5) RIH w/ CICR. Set CICR @ 4430'. Pump 200 sx through and 35 sx on top (TOC ~4025').
- 6) Unland casing. Cut casing off @ 2885'. POOH with casing laying down on trailer.
- 7) RIH w/ workstring to pump 385 sx stub plug where csg was pulled (TOC ~2080').
If maintain circulation, no need to tag plug.
- 8) POOH w/ workstring to 408'. Pump 145 sx shoe plug. Cement 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.