

WORKOVER PROCEDURE

WELL NAME: NAKAGAWA PMB13-09 **DATE:** 4/17/2015
LOCATION:
Qtr/Qtr: NE/SE Section: 13 Township: 5N Range: 64W
Footages: 2005' FSL & 575' FEL
COUNTY: WELD **STATE:** CO **API #:** 05-123-15079

ENGINEER: Jonathan Pomerantz 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# @ 311' KB Elevation: 4577'
Surface Cmt: 250 sx GL Elevation: 4567'
Long St Csg: 2 7/8" 6.5# @ 6758' TD: 6817'
Long St Cmt: 300 sx + 150 sx + 543 sx PBTD: 6745'
Long St Date: 1/2/1997

Plug Back (Sand or CIBP): _____
Perforation Interval (1): Codell Perforations 6650' - 6660'
Perforation Interval (2): _____
Perforation Interval (3): _____
Tubing: 1.66" 2.4# N-80 tbg @ 6630' Rods: _____
Pump: _____
Misc.: Casing Patch @ 5675' (12/20/2007)

PRODUCTION STATUS: _____
COMMENTS: _____

PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 1.66" tbg and lay down.
- 3) RU WL. RIH w/ CIBP. Set CIBP @ 6600'.
- 4) Load hole. Run full CBL to determine cement depths over casing patch.
- 5) RIH w/ workstring to 6600'. Pump 15 sx balance plug. If maintain circulation, no need to tab plug.
- 6) Pump 10 sx courtesy plug @ 2500'. POOH w/ workstring to 450'. Pump 15 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.