

WORKOVER PROCEDURE

WELL NAME: HECKENDORF 02 DATE: 5/1/2013

LOCATION: Qtr/Qtr: SWSW Section: 14 Township: 1S Range: 66W

COUNTY: ADAMS STATE: CO API #: 05-001-06671

ENGINEER: LEAH PERKINS 7 Day Notice Sent: Do not start operations until: Notice Expires:

OBJECTIVE: P&A

WELL DATA: Surface Csg: 8 5/8" 23# @ 218' KB Elevation: 5064 Surface Cmt: 200 sx GL Elevation: 5054 Long St Csg: 4 1/2" 15.10# @ 8167' TD: 8170 Long St Cmt: 200 sx PBTD: 8125 Long St Date: 6/19/1973

Plug Back (Sand or CIBP): Perforation Interval (1): J Sand Perforations 8054' - 8064' Perforation Interval (2): Perforation Interval (3): Tubing: No tbg in Wellview, possible 1 1/2" tbg @8040' Rods: Pump: Misc.: Sketchy Data, no reports or CBL.

PRODUCTION STATUS: COMMENTS:

PROCEDURE: *Need CBL Data to determine plug depths

- 1) MIRU Workover rig, pump & tank. 2) RU WL. RIH w/CIBP. Set CIBP @ 7954', dump bail 2 sx of cement on top. 3) Run CBL to determine cement tops. 4) Perforate ~1000' above the TOC and set cement retainer. Pump 90 sx through CICR and 10sx above CICR. (Compare to CBL) 5) Confirm cement coverage from approx 1338' to surface. If not cemented to surface, either perforate and set CICR or annular fill to surface. 6) RIH w/ workstring to 550' and pump approx 50 sx plug. Cement to surface. 7) RIH. Tag shoe plug. Add cement if needed. 8) Cut surface casing off 6'-8' below ground. 9) Clean up location. Reclaim location. RDMO.