

WORKOVER PROCEDURE

WELL NAME: AUFRECHT 01 **DATE:** 10/21/2015
LOCATION:
Qtr/Qtr: SE/NE Section: 2 Township: 5N Range: 67W
Footages: 1368 FNL & 1287 FEL
COUNTY: WELD **STATE:** CO **API #:** 05-123-07415

ENGINEER: JOHN HATCH 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", 24.0# @ 235' KB Elevation: 4919'
Surface Cmt: 150 sx GL Elevation: 4909'
Long St Csg: 4 1/2", 11.60# M-80 @ 7755' TD: 8033'
Long St Cmt: 250 sx PBTD: 7614'
Long St Date: 3/5/1972

Plug Back (Sand or CIBP): _____
Perforation Interval (1): Codell Perforations 7185' - 7205'
Perforation Interval (2): J-Sands Perforations 7661' - 7678'
Perforation Interval (3): _____
Tubing: 1 1/2", 2.76# J-55 @ 7155' Rods: _____
Pump: _____
Misc.: 2 7/8" 6.5# csg liner repair job (9/10/03), 11.60# M-80 @ 7755'

PRODUCTION STATUS: _____
COMMENTS: _____

PROCEDURE:

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 1 1/2" tbg and lay down.
- 3) RU WL. RIH w/ CIBP. Set CIBP @ 7135', pump 14 sx of cement on top.
- 4) Pull up hole to 4684'. Pump 14 sx balance plug.
- 5) RU WL. RIH w/ 1-11/16" perf gun w/ 0.20" hole dia, 10.91 penetration w/ a 3.2 charge, 4 SPF 60 degeree phasing.
- 6) Perforate 4 1/2" casing @ 2500' & 2300'.
- 7) RIH w/ CICR set @ 2300'. Pump 58 sx through perfs, unsting, pump 8 sx on top.
- 8) POOH w/ workstring to 890'. Pump 25 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. RDMOL.