

WORKOVER PROCEDURE

WELL NAME: RICHTER USX AB27-19 DATE: 5/22/2015

LOCATION: Qtr/Qtr: NENW Section: 27 Township: 7N Range: 64W

Footages: 1320 FNL & 1315 FWL

COUNTY: WELD STATE: CO API #: 05-123-24537

ENGINEER: JASON LEHMAN 7 Day Notice Sent:
(Please notify Engineer of any major changes prior to work) Do not start operations until:
Notice Expires:

OBJECTIVE: P&A

WELL DATA: Surface Csg: 8-5/8" 24# @ 697 KB Elevation: 4,912'
Surface Cmt: 329 sx GL Elevation: 4,900'
Long St Csg: 4-1/2" 11.6# M-80 @ 7,300' TD: 7,319'
Long St Cmt: 930 sx PBDT: 7,290'
Long St Date: 4/7/2007

Plug Back (Sand or CIBP):
Perforation Interval (1): Niobrara Perforations: 6,848' - 6,862'; 6,968' - 6,984'
Perforation Interval (2): Codell Perforations: 7,141' - 7,153'
Perforation Interval (3):
Tubing: 2-3/8" 4.7# J-55 @ 7,123' Rods:
Pump:
Misc.: Fox Hills base est. @ 656'

PRODUCTION STATUS:

COMMENTS:

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 @ 6,798', dump bail 2 sx of cement on top.
4) Unland casing. Cut casing off @ 1,750'. POOH with casing laying down on trailer.
5) RIH w/ workstring to pump 100 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
6) POOH w/ workstring to ~806'. Pump 271 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.