

WORKOVER PROCEDURE

WELL NAME: WCL #5-8 **DATE:** 5/2/2016
LOCATION: Qtr/Qtr: SE/NE Section: 5 Township: 4N Range: 65W
Footages: 1836' FNL & 658' FEL
COUNTY: WELD **STATE:** CO **API #:** 05-123-17486

ENGINEER: Garrett Reddin (Noble) 720-822-9993 7 Day Notice Sent: _____
B. Lawrence (Halliburton) 303.513.1199 Do not start operations until: _____
(Please notify Engineer of any major changes prior to work) Notice Expires: _____

OBJECTIVE: Well Abandonment

WELL DATA: Surface Csg: 8-5/8"; 24 ppf; unknown grade; set at 360' KB Elevation: 4688'
Surface Cmt: 260 sx GL Elevation: 4678'
Long St Csg: 4-1/2"; 11.6 ppf; N-80; set at 7219' TD: 7248'
Long St Cmt: 485 sx PBTD: 7180'
Long St Date: 11/20/1993

Plug Back (Sand or CIBP):

Perforation Interval (1): Niobrara Perforations 6798' - 6930'

Perforation Interval (2): Codell Perforations 7102' - 7112'

Perforation Interval (3): _____

Perforation Interval (4): _____

Tubing: 2-3/8"; 4.7 ppf; J-55 @ 6765' Rods: NA

Pump: NA

Misc.: _____

PRODUCTION STATUS: _____
COMMENTS: Producing Sussex within 1 mile.
Hole in casing

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 @ 6748'. dump bail 2 sx of cement on top.
- 4) Perforate at 2500' and 460'.
- 5) RIH w/ CT. Pump a 25 sx balanced plug from 4500' to 4188' (top of Sussex formation is 4388')
- 6) Set CICR at 2400'.
- 7) Sting into CICR with CT. Pump 140 sx courtesy plug w/ 124 sx cement below retainer, 16 sx on top of CICR.
- 8) POOH and RD CT. Pump 185 sx shoe plug down production casing. Bring 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.