

**WORKOVER PROCEDURE**

**WELL NAME:** Kummer PC LE 23-17 **DATE:** 4/19/2016  
**LOCATION:**  
Qtr/Qtr: SENE Section: 23 Township: 8N Range: 61W  
**COUNTY:** WELD STATE: CO API #: 05-123-33302

**ENGINEER:** Daniel Hodge 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# @ 728' KB Elevation: 5005  
Surface Cmt: 301 sx GL Elevation: 4992  
Long St Csg: 4.5" 11.6# @ 7735' TD: 7345'  
Long St Cmt: 670 sx PBTD: 7251'  
Long St Date: 6/1/2011

Plug Back (Sand or CIBP): Cement plug up to 7251' MD  
Perforation Interval (1): no perforations  
Perforation Interval (2): \_\_\_\_\_  
Perforation Interval (3): \_\_\_\_\_  
Tubing: N/A Rods: N/A  
Pump: N/A  
Misc.: \_\_\_\_\_

**PRODUCTION STATUS:** Well never produced.  
**COMMENTS:** Drilled as exploration well. Vertical pilot hole to 7345'. Never perforated; never produced  
Original hole drilled vertically and logged. Cemented and temporarily abandoned

- PROCEDURE:**
- 1 MIRU Workover rig, pump & tank.
  - 2 RIH to 6476' (100' below top of niobrara) to pump 25 sx of cement balance plug; bring up to ~6176' (200' above top of n
  - 3 Unland Casing. Cut casing off @ 1850'. POOH w/ casing laying down
  - 4 RIH w/ workstring to pump 150 sx stub plug from 2500' (~50 sacks inside casing, ~100 sacks above cut casing top)
  - 5 If Maintain circulative no need to tag plug
  - 6 Pull up workstring to 1000' to pump 310 sacks of cement shoe plug 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.