

## WORKOVER PROCEDURE

**WELL NAME:** Weidenkeller 1-1 **DATE:** 2/4/2015

**LOCATION:**  
Qtr/Qtr: SW/SW Section: 1 Township: 4N Range: 65W  
Footages: 2040 FNL & 660 FWL

**COUNTY:** WELD **STATE:** CO **API #:** 05-123-10888

**ENGINEER:** JOCELYN PERROUX 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:  | <u>8-5/8", 24 ppf @ 222'</u>            | KB Elevation: | <u>4,741'</u> |
| Surface Cmt:  | <u>80 sx</u>                            | GL Elevation: | <u>4,731'</u> |
| Long St Csg:  | <u>4-1/2", 11.60 ppf, K-55 @ 7,142'</u> | TD:           | <u>7,142'</u> |
| Long St Cmt:  | <u>200 sx</u>                           | PBTD:         | <u>7,094'</u> |
| Long St Date: | <u>11/18/1982</u>                       |               |               |

Plug Back (Sand or CIBP): **Plug @ 7,094'**

|                           |  |
|---------------------------|--|
| Perforation Interval (1): | <u>Niobrara Perforations 6,736.0' - 6,864.0'</u> |
| Perforation Interval (2): | <u>Codell Perforations 7,036.0' - 7,048.0'</u>   |
| Perforation Interval (3): | _____  |

Tubing: 2-3/8", 4.70 ppf, J-55 @ 7,002.26' Rods: NA

Pump: NA

Misc.: \_\_\_\_\_

**PRODUCTION STATUS:** COGCC status PR, but currently shut in.

**COMMENTS:** Remedial cmt on production csg: 48-565' & 3,932-4,648' on 9/9/2014

**PROCEDURE:**

- 1) MIRU Workover rig, pump & tank.
- 2) POOH w/ 2-3/8" tbg, laying down all except 4,700' standing back.
- 3) RU WL. RIH w/ CIBP. Set CIBP @ 6,636', dump bail 2 sx of cement on top.
- 4) RIH w/ workstring to 4,700' and pump 60 sx balanced plug. If circulation is achieved, no need to tag.
- 5) RIH with perf guns to 45' and perf ~ 2'.
- 6) RIH with workstring to 565'.
- 7) Shut BOP and open surface casing.
- 8) Pump approx 10 sxs of cement until received at surface on backside.
- 9) SI back side, then re-open BOPs.
- 10) Continue pumping 45 sxs cmt in production casing until arrive at surface. POOH
- 11) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 12) Cut surface casing off 6'-8' below ground.
- 13) Clean up location. Reclaim location. RDMO.