

## WORKOVER PROCEDURE

WELL NAME: HECKENDORF 02 DATE: 5/1/2013

LOCATION: Qtr/Qtr: SWSW Section: 14 Township: 1S Range: 66W

COUNTY: ADAMS STATE: CO API #: 05-001-06671

ENGINEER: LEAH PERKINS 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" 23# @ 218'     | KB Elevation: | 5064 |
|            | Surface Cmt:  | 200 sx                | GL Elevation: | 5054 |
|            | Long St Csg:  | 4 1/2" 15.10# @ 8167' | TD:           | 8170 |
|            | Long St Cmt:  | 200 sx                | PBTD:         | 8125 |
|            | Long St Date: | 6/19/1973             |               |      |

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): J Sand Perforations 8054' - 8064'  
Perforation Interval (2): \_\_\_\_\_  
Perforation Interval (3): \_\_\_\_\_  
Tubing: No tbg in Wellview, possible 1 1/2" tbg @8040' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: *Sketchy Data, no reports or CBL.*

PRODUCTION STATUS: \_\_\_\_\_  
COMMENTS: \_\_\_\_\_

### PROCEDURE: \*Need CBL Data to determine plug depths

- 1) MIRU Workover rig, pump & tank.
- 2) RU WL. RIH w/CIBP. Set CIBP @ 7954', dump bail 2 sx of cement on top.
- 3) Run CBL to determine cement tops.
- 4) Perforate ~1000' above the TOC and set cement retainer. Pump 90 sx through CICR and 10sx above CICR.  
(Compare to CBL)
- 5) Confirm cement coverage from approx 1338' to surface. If not cemented to surface, either perforate and set CICR or annular fill to surface.
- 6) RIH w/ workstring to 550' and pump approx 50 sx plug. Cement to surface.
- 7) RIH. Tag shoe plug. Add cement if needed.
- 8) Cut surface casing off 6'-8' below ground.
- 9) Clean up location. Reclaim location. RDMO.