

**WOVER PROCEDURE**

**WELL NAME:** State M36-01 **DATE:** 4/5/2016  
**LOCATION:** Qtr/Qtr: NE/NE Section: 36 Township: 6N Range: 67W  
Footages: 709' FNL & 721' FEL  
**COUNTY:** WELD **STATE:** CO **API #:** 05-123-23205

**ENGINEER:** John Hatch (Noble) 720-587-2377 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; J-55 set at 546' KB Elevation: 4734'  
Surface Cmt: 385 sx GL Elevation: 4718'  
Long St Csg: 4-1/2"; 11.6 ppf; WC-80 set at 7826' TD: 7850'  
Long St Cmt 1st Stg: 250 sx PBTD: 7212'  
Long St Cmt 2nd Stg: 500 sx  
Stage Tool @: 4940'  
Long St Date: 11/9/2005

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): Niobrara Perforations 6736' - 6748'  
Perforation Interval (2): Niobrara Perforations 6850' - 6862'  
Perforation Interval (3): Codell Perforations 7035' - 7052'  
Tubing: 2-3/8"; 4.7 ppf; J-55 @ 7010.1' Rods: NA  
Pump: NA  
Misc.: \_\_\_\_\_

**PRODUCTION STATUS:** \_\_\_\_\_  
**COMMENTS:** No producing Sussex formation within 1 mile.

**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 @ 6686', dump bail 2 sx of cement on top.
- 4) Perforate at 646'.
- 5) RIH w/ CT. Set a 20 sx courtesy plug from 2300' - 2500'.
- 6) POOH and RD CT. Pump 240 sx (190 sx out & 50 sx in) shoe plug down production csg. Bring 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.