

**WORKOVER PROCEDURE**

**WELL NAME:** FLATIRONS I36-04 **DATE:** 10/7/2016

**LOCATION:** Qtr/Qtr: NW/NW Section: 36 Township: 6N Range: 66W

Footages: 592 FNL & 636 FWL

**COUNTY:** WELD **STATE:** CO **API #:** 05-123-21930

**ENGINEER:** JOHN HATCH 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" 24.0#, J-55 @ 537' KB Elevation: 4679'  
Surface Cmt: 225 sx GL Elevation: 4669'  
Long St Csg: 4 1/2" 11.60#, M-80 @ 7264' TD: 7290'  
Long St Cmt: 130 sx PBTD: 7203'  
Long St Date: 3/12/2004

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): Niobrara Perforations 6814' - 6954'  
Perforation Interval (2): Codell Perforations 7118' - 7132'  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2 3/8" 4.70#, J-55 @ 7105' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: \_\_\_\_\_

**PRODUCTION STATUS:** Well is currently S/I for regulatory emission compliance

**COMMENTS:** \_\_\_\_\_

**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 @ 6764', dump bail 2 sx of cement on top.
- 4) Unland casing. Cut casing off @ 2500'. POOH w/ casing laying down on trailer.
- 5) RIH w/ workstring to pump 100 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
- 6) POOH w/ workstring to 637'. Pump 236 sx shoe plug. 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. RDMOL.

**NOBLE ENERGY INC.**  
 FLATIRONS I36-04  
 NWNW 36-6N-66W  
 592 FNL & 636 FWL  
 WELD COUNTY, CO  
 Wattenberg  
**CURRENT WELLBORE SCHEMATIC**  
 with PROPOSED P&A  
 10/7/2016

API: 05-123-21930  
 COGCC #

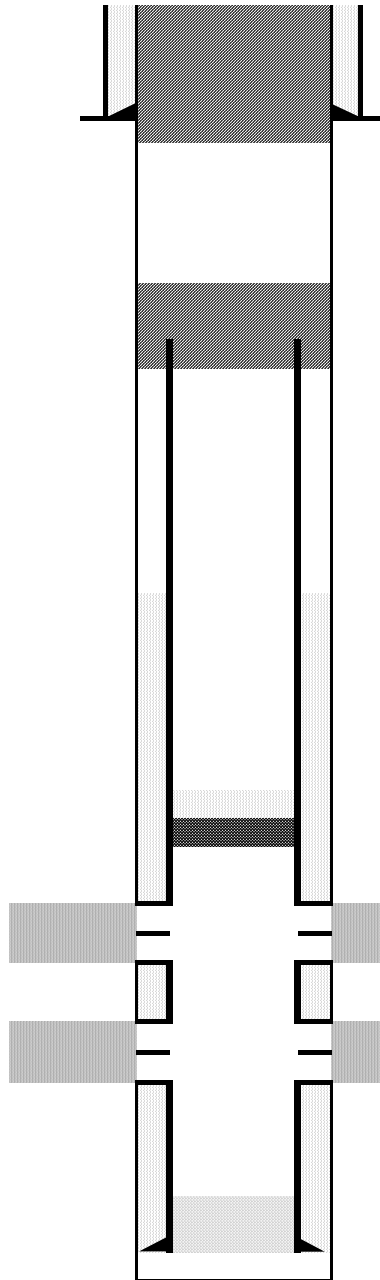
GL Elev: 4669'  
 KB Elev: 4679'

**Spud Date:** 3/8/2004

**Surface Casing :**  
 8 5/8" 24.0#, J-55 @ 537'  
 Cement: 225 sx  
 TOC: Surface

**TOC @ 6440'**

**Production Casing :**  
 4 1/2" 11.60#, M-80 @ 7264'  
 Cement: 130 sx  
 TD: 3/12/2004



Cut surface casing off 6'-8' below surface.

Pump approx 236 sx shoe plug @ 637'  
 Will bring cement to surface.

Deepest waterwell with/in 1 mile is 80'

Pump 100 sx stub plug where csg was pulled  
 Cut and pull csg @ 2500'

CIBP @ 6764' w/ 2 sx cement on top

Niobrara Perforations 6814' - 6954'

Codell Perforations 7118' - 7132'

TD: 7290'