

**WORKOVER PROCEDURE**

**WELL NAME:** Spike State GWS C24-06 **DATE:** 9/9/2016

**LOCATION:**  
Qtr/Qtr: SENW Section: 24 Township: 4N Range: 64W  
Footages: 1951 FNL & 1943 FWL

**COUNTY:** WELD **STATE:** CO **API #:** 05-123-15791

**ENGINEER:** AJ Paine **7 Day Notice Sent:** \_\_\_\_\_  
(Please notify Engineer of any major changes prior to work) **Do not start operations until:** \_\_\_\_\_  
**Notice Expires:** \_\_\_\_\_

**OBJECTIVE:** P&A

**WELL DATA:** Surface Csg: 8 5/8", 24# @ 357' KB Elevation: 4690'  
Surface Cmt: 300 sx GL Elevation: 4651'  
Long St Csg: 2 7/8", 6.5#, J-55 @ 6936' TD: 6936'  
Long St Cmt: 270 sx PBTD: 6901'  
Long St Date: 7/12/1992

Plug Back (Sand or CIBP): \_\_\_\_\_ **Tubing tally**  
Perforation Interval (1): \_\_\_\_\_ Codell Perforations: 6760' - 6770'  
Perforation Interval (2): \_\_\_\_\_  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 1 1/2", 2.75#, J-55 @ 6735' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: SN and notched collar @ EOT.

**PRODUCTION STATUS:** Shut-in.  
**COMMENTS:** \_\_\_\_\_

- PROCEDURE:**
- 1) Verfiy with AJ Paine that Form 17 has been completed and required samples have been gathered prior to RU.
    - a) Office: (720)587-2374
    - b) Cell: (406)671-4612
    - c) If Form 17 has not been completed, rig foreman to perform Form 17 and recover required samples;
    - d) Direct sample to Precision contact for analysis
  - 2) MIRU workover rig, pump & tank.
  - 3) POOH and laydown 1 1/2" tubing.
  - 4) RU WL. RIH w/ CIBP and set @ 6710'.
  - 5) RIH w/ workstring to pump 10 sx balance plug from 6710' - 6374' for Niobrara coverage.
  - 6) Unland casing. Cut casing off @ 2500'. POOH and laydown 2 7/8" casing.
  - 7) RIH w/ workstring to pump 100 sx stub plug from 2550' - 2450'. If maintain circulation, no need to tag plug.
  - 8) POOH w/ workstring to 472'. Pump 175 sx shoe plug. Cement to surface.
  - 9) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
  - 10) Cut surface casing off 6'-8' below ground.
  - 11) Clean up location. Reclaim location. RDMO.

**NOBLE ENERGY INC.**  
 Spike State GWS C24-06  
 SENW 24-4N-64W  
 1951 FNL & 1943 FWL  
 WELD COUNTY, CO  
 Wattenberg  
**CURRENT WELLBORE SCHEMATIC**  
 with PROPOSED P&A  
 9/9/2016

API: 05-123-15791

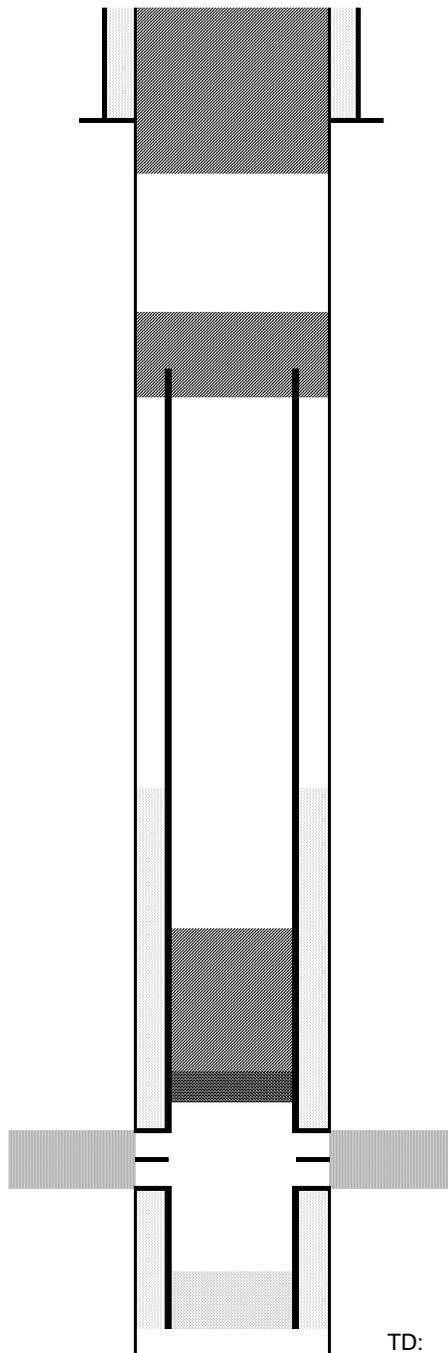
KB Elev: 4690'  
 GL Elev: 4651'

Spud Date: 7/7/1992

**Surface Casing :**  
 8 5/8", 24# @ 357'  
 Cement: 300 sx  
 TOC: Surface

TOC @ 5826'

**Production Casing :**  
 2 7/8", 6.5#, J-55 @ 6936'  
 Cement: 270 sx  
 Run Date: 7/12/1992



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

Pump approx 175 sx shoe plug @ 472'  
 Will bring cement to surface.

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

Pump 10 sx balance plug from 6710' - 6374' for Niobrara cc  
 CIBP @ 6710'

Codell Perforations: 6760' - 6770'

TD: 6936'

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