

**WORKOVER PROCEDURE**

**WELL NAME:** MCKENNEY 14-14 **DATE:** 1/26/2016

**LOCATION:**  
Qtr/Qtr: SENE Section: 14 Township: 6N Range: 64W  
Footages: 1982 FNL & 625 FEL

**COUNTY:** WELD **STATE:** CO **API #:** 05-123-26512

**ENGINEER:** JASON LEHMAN 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# @ 462' KB Elevation: 4691'  
Surface Cmt: 220 sx GL Elevation: 4675'  
Long St Csg: 4-1/2" 11.6# M-80 @ 6993' TD: 7019'  
Long St Cmt: 1170 sx PBSD: 6961'  
Long St Date: \_\_\_\_\_

Plug Back (Sand or CIBP): \_\_\_\_\_  
Perforation Interval (1): Niobrara Perforations: 6674'-6691'  
Perforation Interval (2): Codell Perforations: 6850'-6861'  
Perforation Interval (3): \_\_\_\_\_  
Tubing: 2-3/8" 4.7# J-55 @ 6828' Rods: \_\_\_\_\_  
Pump: \_\_\_\_\_  
Misc.: \_\_\_\_\_

**PRODUCTION STATUS:** SI for emissions compliance  
**COMMENTS:** P&A for offset horizontal wells. No prior CBL from 710' - 6290'. Reported TOC @ 16', Est. TOC @ 1520'

- 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 @ 6624', dump bail 2 sx of cement on top.
  - 4) RIH w/ wireline to run CBL. Prior data shows cemented to surface but no CBL to confirm.
    - a) If CBL indicates cement to surface, skip Steps 6 & 7.
    - b) Otherwise, proceed with procedure below. Adjust calculated depths with actual depths from CBL.
  - 5) RIH w/ workstring to pump 50 sx balance plug @ 2500'. SI, WOC. If circulation maintained no need to tag plug.
  - 6) Unland casing. Cut casing off @ ~1510' (or where CBL indicates TOC). POOH with casing laying down on trailer
  - 7) RIH w/ workstring to pump 125 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
  - 8) POOH w/ workstring to 562'. Pump 188 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.**  
MCKENNEY 14-14  
SENE 14-6N-64W  
1982 FNL & 625 FEL  
WELD COUNTY, CO  
Wattenberg  
**CURRENT WELLBORE SCHEMATIC**  
with PROPOSED P&A  
1/26/2016

API: 05-123-26512  
COGCC #

GL Elev: 4675'  
KB Elev: 4691'

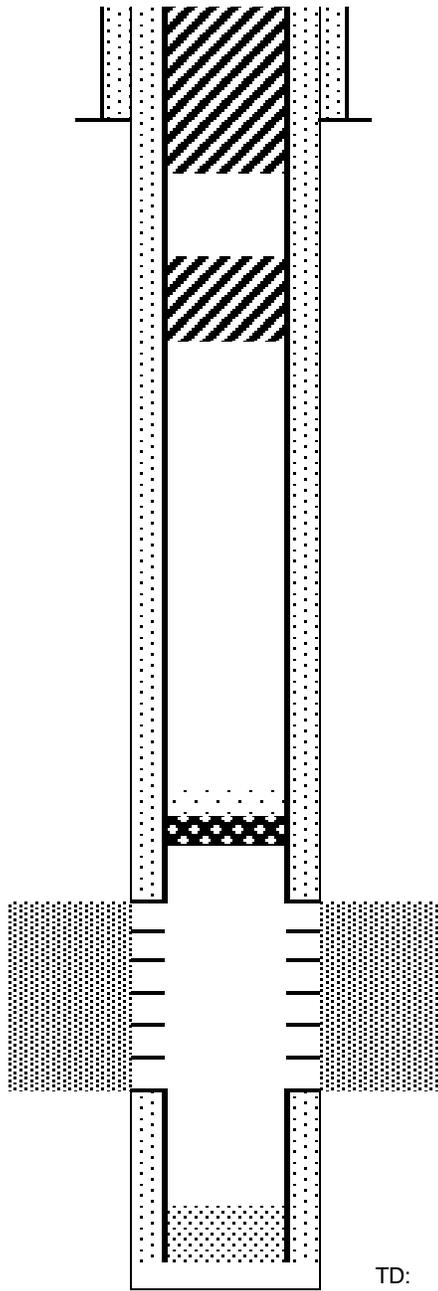
**Spud Date:**

**Surface Casing :**  
8-5/8" 24# @ 462'  
Cement: 220  
TOC: Surface

**TOC @ 16'**

**Nio Top 6519'**

**Production Casing :**  
4-1/2" 11.6# M-80 @ 6993'  
Cement: 1170  
TD: 1/0/1900



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

Pump approx 188 sx shoe plug @ 562'  
Will bring cement to surface.

Pump 50 sx balance plug @ 2500'

CIBP @ 6624' w/ 2 sx cement on top

Niobrara Perforations: 6674'-6691'

Codell Perforations: 6850'-6861'

TD: 7019'