

WORKOVER PROCEDURE

WELL NAME: MCKENNEY 13-21 **DATE:** 9/29/2016

LOCATION:
Qtr/Qtr: NENW Section: 13 Township: 6N Range: 64W
Footages: 665 FNL & 1985 FWL

COUNTY: WELD **STATE:** CO **API #:** 05-123-25292

ENGINEER: JASON LEHMAN 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# @ 470' KB Elevation: 4861'
Surface Cmt: 450 sx GL Elevation: 4669'
Long St Csg: 4-1/2" 11.6# N-80 @ 7036' TD: 7055'
Long St Cmt: 685 sx PBDT: 7055'
Long St Date: 6/16/2007

Plug Back (Sand or CIBP): _____
Perforation Interval (1): Codell Perforations: 6822'-6834'
Perforation Interval (2): _____
Perforation Interval (3): _____
Tubing: 2-3/8" 4.7# J-55 @ 6796' Rods: _____
Pump: _____
Misc.: Codell only. Nio. Top @ ~6503'.

PRODUCTION STATUS: Well is shut in for emissions compliance and landowner issues
COMMENTS: _____

- PROCEDURE:**
- 1) Confirm that a Form 42 was filed, Form 17 has been performed and sample taken (only if required). If a Form 17 has not been performed, rig foreman to perform Form 17 and necessary sampling if required.
 - 2) MIRU Workover rig, pump & tank.
 - 3) POOH w/ 2-3/8" tbg and lay down.
 - 4) RU WL. RIH w/ CIBP. Set CIBP @ 6772', dump bail 2 sx of cement on top.
 - 5) RIH w/ workstring to 6603'. Pump 20 sx balance plug. SI, WOC, RIH. Tag balance plug @ approx 6339'.
 - 6) Unland casing. Cut casing off @ 2500'. 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 570'. Pump 193 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 13-21
NENW 13-6N-64W
665 FNL & 1985 FWL
WELD COUNTY, CO
Wattenberg
CURRENT WELLBORE SCHEMATIC
with PROPOSED P&A
9/29/2016

API: 05-123-25292
COGCC #

GL Elev: 4669'
KB Elev: 4861'

Spud Date:

Surface Casing :

8-5/8" 24# @ 470'

Cement: 450

TOC: Surface

TOC @ 2606'

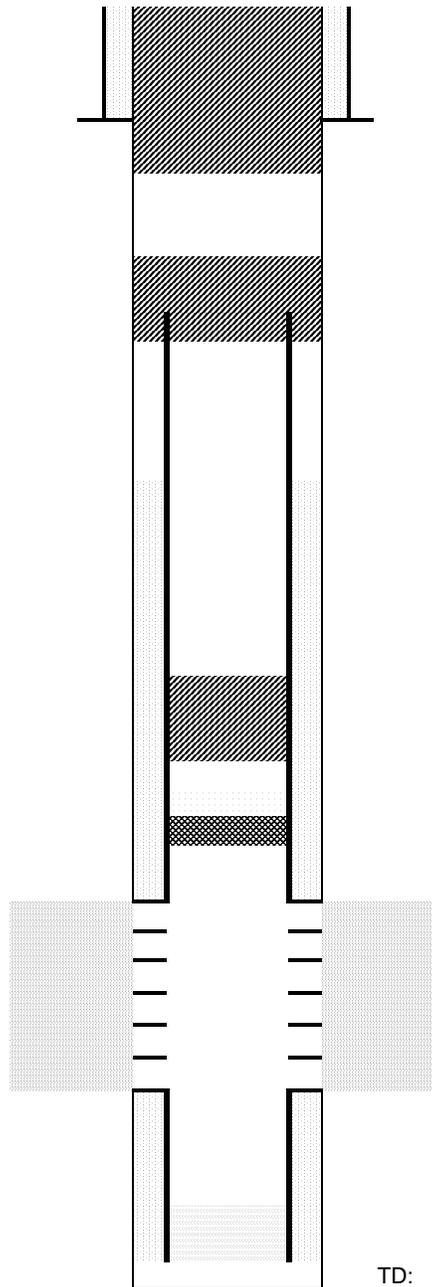
Nio Top 6503'

Production Casing :

4-1/2" 11.6# N-80 @ 7036'

Cement: 685

TD: 6/16/2007



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

Pump approx 193 sx shoe plug @ 570'
Will bring cement to surface

Pump 125 sx stub plug where csg was pulled
(TOC @ ~2236)
Cut and pull csg @ 2500'

Pump 20 sx balance plug @ 6603'
(TOC ~6339)

CIBP @ 6772' w/ 2 sx cement on top

Codell Perforations: 6822'-6834'

TD: 7055'