

WORKOVER PROCEDURE

WELL NAME: SHAFTO J27-09 **DATE:** 10/10/2016
LOCATION:
Qtr/Qtr: NE/SE Section: 27 Township: 5N Range: 66W
Footages: 1983 FSL: & 660 FEL
COUNTY: WELD **STATE:** CO **API #:** 05-123-15599

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 @ 325' KB Elevation: 4815'
Surface Cmt: 200 sx GL Elevation: 4804'
Long St Csg: 2 7/8" 7.90#, N-80 @ 7406' TD: 7424'
Long St Cmt: 270 sx PBTD: 7355'
Long St Date: 4/26/1992

Plug Back (Sand or CIBP): _____
Perforation Interval (1): Codell Perforations 7248' - 7266'
Perforation Interval (2): _____
Perforation Interval (3): _____
Tubing: 1.66" 2.30#, J-55 @ 7207' Rods: _____
Pump: _____
Misc.: _____

PRODUCTION STATUS: Well is currently S/I
COMMENTS: _____

PROCEDURE:

- 1) Verify Form 17 bradenhead test has been completed prior to MIRU
- 2) MIRU Workover rig, pump & tank.
- 3) POOH w/ 1.66" tbg and lay down.
- 4) RU WL. RIH w/ CIBP. Set CIBP @ 7198', pump 13 sx of cement on top.
- 5) Unland casing. Cut casing off @ 2500'. POOH w/ casing laying down on trailer.
- 6) RIH w/ workstring to pump 100 sx stub plug where csg was pulled. If maintain circulation, no need to tag plug.
- 7) POOH w/ workstring to 564'. Pump 228 sx shoe plug. Cement to surface.
- 8) SI, WOC. RIH. Tag shoe plug. Add cement if needed.
- 9) Cut surface casing off 6'-8' below ground.
- 10) Clean up location. RDMOL.

NOBLE ENERGY INC.
SHAFTO J27-09
NESE 27-5N-66W
1983 FSL & 660 FEL
WELD COUNTY, CO
Wattenberg
CURRENT WELLBORE SCHEMATIC
with PROPOSED P&A
10/10/2016

API: 05-123-15599
 COGCC #

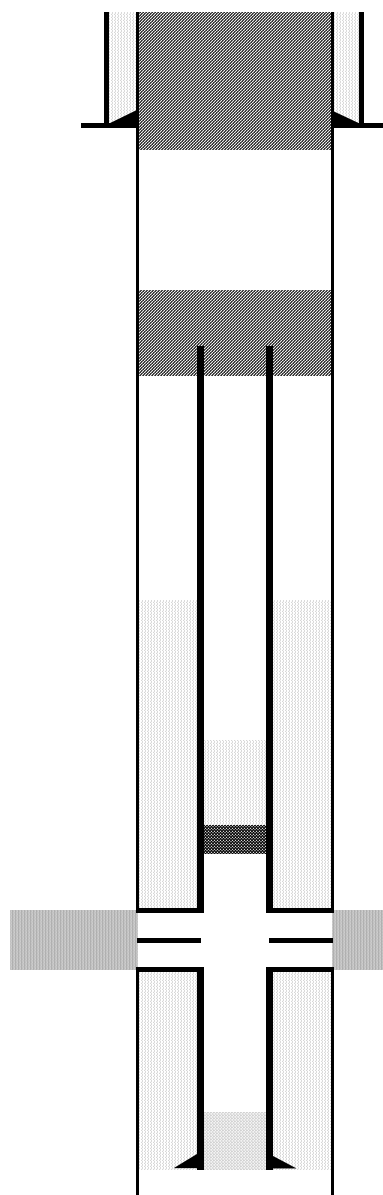
GL Elev: 4804'
 KB Elev: 4815'

Spud Date: 4/21/1992

Surface Casing :
 8 5/8" 24.0#, J-55 @ 325'
 Cement: 200 sx
 TOC: Surface

TOC @ 6430'
Nio top @ 6880'

Production Casing :
 2 7/8" 7.90#, N-80 @ 7406'
 Cement: 270 sx
 TD: 4/26/1992



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

Pump approx 228 sx shoe plug @ 564'
Will bring cement to surface.

Deepest waterwell with/in 1 mile is 220'
 Foxhills depth is 414'

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

CIBP @ 7198' w/ 13 sx cement on top

Codell Perforations 7248' - 7266'

TD: 7424'