



Well Services

Date: 1/22/18 – 1/30/18

Operator: Noble Energy Inc.

Well Name: Moser H 34-16

Legal Location: SESE Sec. 34 T3N R65W

API # 05-123-23217-00

Job Log

Weld County

1/22/18: Move in, rig up, shut down .

1/23/18: check psi: 1000/1000/20 psi, pressure test pump's lines and BOPs, blow pressure down, circulate well with 130 BBLs of water, ND WH, NU BOPs, TOOH, tally and stand back 104 JTS, SWI.

1/24/18: Check psi: 0/0/0 psi, kept tripping out, stand back 38 JTS more and lay down the rest on float, RU WL to go in and set CIBP @6840' and to spot 2sxs of CMT on plug, load well with 52 BBLs of water, pressure test plug to 1000 psi, held good, RD WL, TIH with 142 JTS (EOT@4675'), RU CMT equipment to condition well and to pump 55sxs of CMT (4675'-3948'), stand back 78 JTS and lay down the rest on float, SWI.

1/25/18: Check psi: 0/0 psi, RU WL to go in and cut CSG @2500', RD WL, condition well with fresh water, ND BOPs and WH, UNLAND CSG, NU BOPs, RU work floor, lay down 10-4 ½ JTS, SWI.

1/26/18: Check psi: 0/0 psi, TOOH, lay down 59-4 ½ JTS, change equipment to 2 3/8, TIH with 78 JTS (EOT@2567'), RU CMT equipment to pump 300sxs CMT plug (2567'-1786'), TOOH, stand back 50 JTS and lay down the rest on float, SWI.

1/29/18: Check psi: 0 psi, TIH with 61 JTS to tag CMT @2000', lay down 1 JT, circulate well, lay down 20 JTS to leave 40 JTS in the hole (EOT@1317'), RU CMT equipment to pump 345sxs (1317'-521'), stand back 14 JTS and lay down the rest on float, SWI.

1/30/18: Check psi: 0 psi, TIH with 20 JTS to tag CMT @644', lay down JT #20, picked up 2-10'subs (EOT@640'), RU CMT equipment to condition well and to pump CMT up to surface, lay down TBG, ND BOPs, top off well with CMT (225sxs top plug), SWI, RD MO.

All cement is 15.8 # Class "G" neat cement

Cementing Contractor: SPN Well Services

Cementing Contractor Supervisor: Matt Bulinski

Operator Supervisor: Brian Murray

State Representative: Craig Carlile

Wireline Contractor: SPN Well Services – E - Line