

**Magna Energy Services, LLC
17509 County Road 14
Ft. Morgan, CO 80701
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Job Log

Date: 9/18/14

Operator: Noble Energy Inc.

Well Name: Lower Latham 2-45

Legal Location: NESE Sec 2 T4N R65W

API# 05-123-23961-00

Weld County

9/15/14: MIRU P&A equipment, Check PSI, 530/530, Blow well down, circulate well w/ 140 bbls water, ND well head, NU B.O.P.'s, TOO H w/ TBG (recovered 224 jts TBG @ 6960'), SWI

9/16/14: RU Magna WL, RIH w/ CIBP w/ 2 sxs cement @ 6805', POOH, RD Magna WL, TIH w/ 145 jts TBG @ 4506', establish circulation w/ 75 bbls water, Mix & pump 85 sxs of 15.8# Class G cement, displaced w/ 15 bbls water, TOO H, SWI, Flush flow line w/ 10 bbls water.

9/17/14: RU Magna WL, RIH w/ JBGR, Tag TOC @ 3293', POOH, RIH w/ split shot, Cut CSG @ 2505', POOH, RD Magna WL, ND B.O.P.'s, Unland CSG, NU B.O.P.'s, LD CSG, Recovered 59 jts 4.5" CSG @ 2505', TIH w/ 80 jts TBG w/ 2-12' Subs @ 2514', establish circulation w/ 6 bbls , Mix & pump 100 sxs of 15.8# Class G cement, displaced w/ 8 bbls water, LD TBG, SWI.

9/18/14: PU 18 jts TBG w/ 12' sub @ 571', establish circulation w/ 4 bbls water, Mix & pump 230 sxs of 15.8# Class G Cement to surface, LD TBG, RD P&A equipment, Top off well w/ 10 sxs of 15.8# Class G Cement to surface, Dig well & flow line up, Cut & cap 6' below ground surface, Backfill, P&A complete.

*** All cement used is Class "G" Neat 15.8 # ***

Cementing Contractor: Magna Energy Services, LLC

Cementing Contractor Supervisor: Scott Marez

Operator Supervisor: Kelley Reinhardt

COGCC Representative: Jeffrey Rickard

Wireline Contractor: Magna WL