

Magna Energy Services, LLC  
17509 County Road 14  
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Job Log

Date: 5/5/14

Operator: Noble Energy

Well Name: KARCH BLUE DD 18-12

AFE # 143492 Weld County

Legal Location: NWSW SEC 18 T3N R63W

API # 05-123-16228

4/25/14: MIRU, P & A equipment, Check PSI 0 #' on csg. No tbg. ND well head, NU B.O.P.S. SWI.

4/28/14: Check psi 0 #' s TIH w/ RBP fish tool on 1 ¼ tbg. tag @ 5970' circulate well bore clean w/ water latch RBP @ 5980' TOO H w/ tbg. SWI.

4/29/14: Check psi 0 #' s TIH w/ 1 ¼ tbg. tag sand @ 6555' RU tbg. Swivel, wash out 235' of sand circulate well bore clean TOO H w/ 1 ¼ tbg. RU Magna WL RIH w/ CIBP @ 6750' ROH, RIH w/ CDB dump 2 sxs of 15.8 # class G cement on top of CIBP @ 6750' ROH RD Magna WL, SWI.

4/30/14: Check psi 0 #'s unland 2 7/8 csg. Worked to see the stretch, RU Magna WL RIH w/ csg. Cutter cut 2 7/8 csg. @ 4278' ROH RD Magna WL, pulled csg. Make sure was free LD 1 jt SWI.

5/1/14: Check psi 0 #' s LD 2 7/8 csg. ( recovered 137 jts 2 7/8 csg. 4278' ) TIH w/ 2 3/8 tbg. @ 4278' 141 jts 6' sub establish circulation mix & pump 100 sxs of 15.8 # class G cement "STUB PLUG" displace w/ 14 bbls water, TOO H w/ tbg. @ 2515' establish circulation mix & pump 50 sxs of 15.8 # class G cement "COURTESY PLUG" displace w/ 8 bbls water TOO H w/ 2 3/8 tbg. SWI.

5/2/14: TIH w/ tbg. @ 700' 23 jts 10' sub establish circulation mix & pump 136 sxs of 15.8 # class G cement, TOO H w/ tbg. SWI.

5/5/14 TIH w/ 2 3/8 tbg: Tag TOC @ 424' from ground level establish circulation mix & pump 140 sxs of 15.8 # class G cement to surface dig well 6' below ground level cut & cap well 6' below ground level, backfill PU location Leave flow line alone because it is common line P&A complete

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

Cementing Contractor: Magna Energy Services, LLC

Cementing Contractor Supervisor: Jose Mario Navarro

Operator Supervisor: Kelly Reinhardt

COGCC Representative: Jhon Montoya

Magna ENERGY SERVICES.

( avg. of 2 3/8 tbg was 30.30 )