

# DUCO INC.

2403 ½ East Main

PO BOX 416

Rangely Colorado, 81648

**CEMENT REPORT ON THE DEBEQUE 08-08**

**SW/NE SECTION 8, 9S, 97W**

**API # 05-077-08683**

**FEDERAL LEASE # 36060**

**MESA COUNTY, COLORADO.**

**ALL CEMENT PUMPED WAS CLASS G PORTLAND  
CEMENT MIXED WITH FRESH WATER 5.5 GALLONS PER  
SKS. WEIGHTS WAS 15.8 LBS PER GALLON**

**December 18, 2013. MIRU, SU & Cement EQ. leave well open to production tank for night.**

**December 19, 2013. Well is dead. NDWH, NU BOP & rig floor, TOH with 2.375. TIH with 2.375 TBG to 3231', pump 15 bbls fresh water, then mix & pump 50 sks with 2 percent calcium C. (10 bbls slurry) down 2.375 TBG & displace slurry with 7.5 bbls fresh water, TOH, reverse out, TOH to 2300'. SWIFN.**

**December 20, 2013. TIH to tag TOC @ 2786' (148' above top perf), TOH, RUWL, WL RIH & perforates 2 holes @ 706', POH with WL. Pump down 4.5" CSG with fresh water to get returns out 8 5/8" CSG, roll hole for 1 hour with fresh water. RIH with WL & set a CICR @ 606', POH, RDWL. TIH sting into CICR, pump 15 bbls fresh down TBG while**

*having the 4.5" CSG closed & returning out 8 5/8"n CSG, then mix & pump 55 sks with 2 percent Calcium C. (11 bbls slurry), down the TBG with 4.5" CSG still closed & returning out 8 5/8" CSG, pump 50 sks (10 bbls slurry) below CICR, sting out let 5 sks (1 bbl slurry) fall out of TBG ontop of CIBP, shut 8 5/8" CSG & open 4.5" CSG, TOH, RDSU. SWIFN.*

*December 21, 2013. Samples are hard. Cut Wellhead off 4' below surface, Run 1"X 100' hose down into the 8 5/8" CSG. Mix & pump 32.5 sks with 2 percent Calcium C. (6.5 bbls Slurry) down hose until we get great cement returns @ surface, we then move 1" X 100' hose to the 4.5" CSG, mix & pump 11 sks with 2 percent Calcium C. (2.2 bbls slurry) down hose until we get great cement returns at surface, WOC 1 hour both CSG are still full. Weld name plate on take GPS Reading.*

*JAY KRABACHER DESCRIBING, procedure changes*

**GPS READING**

**N39\* 17.457**

**W 108\* 14.111**

**ELEVATION 4920'**

**JAY KRABACHER-COGCC-PE-RIFLE, COLORADO-970-625-2497**

**MITCH STIENKE-ENCANA CONSULTANT-303-918-3844.**

**DUSTY DANIELS- WITH DUCO INC.-435-828-5653. CEMENT & WORK  
OVER FORMAN.**

**ADAM DANIELS-WITH DLD PIPE RECOVERY SERVICE -FOR WIRELINE**

  
Tyler Thyfault  
Prod. Engineer - Encana