

# DUCO INC.

2403 ½ East Main

PO BOX 416

Rangely Colorado, 81648

**CEMENT REPORT ON THE CITIES FEDERAL 7-31**

**SW/NE Section 31, T3S, R101W**

**RIO BLANCO COUNTY, COLORADO.**

**FEDERAL LEASE # COC-2015**

**API# 05-103-07484**

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

**September 5, 2013. MIRU, found 20psi on well, leave well till morning.**

**September 6, 2013. NDWH, NU BOP & rig floor. POOH laying down the 2 7/8" TBG. RUWL, RIH & set CIBP @ 1490', WL dump bails 1bbl cement on top CIBP @ 1490'. POOH with WL. Pressure test 5.5" CSG to 500psi, HELD GOOD. RIH with WL & RIH & perforate 2 holes @ 1404', POOH, RDWL. RIH with 2 3/8" TBG to 1402', mix 40sks, 8bbls slurry & displace slurry down TBG with 3.33bbls fresh H2o, POOH with 30jts. SWIFN.**

**September 9, 2013. RIH with 2 3/8" TBG to tag cement top @ 1054, 350' column of cement. POOH with TBG, RUWL, RIH & perforate 2 holes @ 119' & set CIBP @ 129', POOH, RDWL. RIH to 129' with 2 3/8" TBG, roll hole with fresh H2o, had circulation up 5.5" CSG & 8 5/8" CSG, Mix 66sks, 14 bbls, slurry & pump slurry down TBG to get cement returns up the 5.5" & 8 5/8" CSG's. POOH with TBG. RDMRO. Cut WH off 4' below surface. Put 1" X 100' hose down 5.5" CSG, Roll hole with fresh H2o, Mix 68sks, 14bbls slurry & pump slurry down 1" hose, to top 5.5" CSG & 8 5/8" CSG off, fill the 13 5/8" CSG to top with fresh H2o. SWIFN.**

**September 10, 2013. Weather has use shut down.**

**September 11, 2013. Mix 50sks, 10bbls slurry & pump slurry down 1" X 100' hose into the 13 5/8" CSG to fill it to top. WOC 3 hours, cement top fell, mix 28sks, 5.6bbls, slurry & pump slurry down 1" hose into the 13 5/8" CSG to fill it back to top. WOC 30 mins. & top 13 5/8" CSG with 14sks, 3bbls slurry. Let stand 30mins, 13 5/8" CSG stays full, weld on name plate. Take GPS Reading.**

**GPS RECORDING IS**

**N 39\* 44.941'**

**W108\* 46.295'**

**All changes to procedure wre approved throw**

**BUD THOMPSON-BLM-WHITE RIVER FIELD OFFICE PET LEAD.**

**KEVIN KING-COGCC-PE-DENVER, COLORADO.**

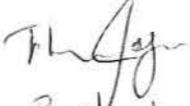
**P&A Was witnessed by:**

**JEFFERY JOHNSON-ENCANA CONSULTANT-970-216-5908.**

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

**ADAM DANIELS-DLD PIPE RECOVERY SERVICE-WIRE LINE**

**NO BLM REPS. WAS ON LOCATION AT ANY TIME.**

Thomas Joyce  
  
Production Engineer