

DUCO INC.

2403 ½ East Main

PO BOX 416

Rangely Colorado, 81648

CEMENT REPORT ON DRAGON TRAIL UNIT # 1022

SW/NW Section 19, T2S, R101W

API # 05-103-07062-00-S1

RIO BLANCO COUNTY, COLORADO.

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

October 18, 2013. MIRU, Found 50 psi on well, blow well down. NDWH, NU BOP & rig floor, TOH with 80 jts 2 3/8" TBG. RUWL. WL RIH & sets a CIBP @ 2445'. POH, RDWL. TIH with 2 3/8" TBG to 2418, try to circulate well with fresh water. Pumped 70 bbls should have took 50 to roll hole. SWIFN.

October 21, 2013. Mix 10 sks (2 bbls slurry) displace down tbg to spot ontop of CIBP @ 2445'. TOH, pick up PKR, TIH w/PKR to 2300' set. Can not get a good test above our below PKR. PKR was hard to set & hard to release so we TOH with PKR. Lay down PKR. SWIFN.

October 22, 2013. Pick up new PKR, TIH testing 5.5" CSG CAN NOT GET A GOOD CSG TEST ANY WHERE. TOH, lay down PKR. TIH w/ 2 3/8" TBG , pump 10 sks @ 2,312'. Mix 10 sks (2bbls slurry) with 4 percent calcium chloride displace slurry down tbg @ 2,224', w/9 bbls fresh water, TOH w/10 stands, pump 9 bbls fresh water down TBG to clean

out, finish TOH. RUWL, WL RIH to tag cement top @ 2,279', WL POH to 155' they perforate 2 holes, POH, RDWL. TIH to 2267' mix 40 sks (8 bbls slurry) w/2 percent calcium chloride, displace slurry down TBG w/8.5 bbls fresh water, TOH w/10 stands pump 10 bbls down TBG to clean TBG up, SWIFN.

October 23, 2013. TIH to tag cement @ 2035'. Pull EOT up 32' (2,003') & mix 60 sks displace slurry down TBG with 7 bbls fresh water, TOH w/ 10 stands clear TBG with 10 bbls fresh water. WOC 4 hours. Tag cement top @ 1570', pull EOT up 21' (1549') mix 160 sks (32 bbls slurry) displace down TBG with 4 bbls fresh water. TOH w/ TBG. SWIFN.

October 24, 2013. TIH w/ tubing and hard tag TOC @ 440'. Lay down 1 joint. Pump 15 sacks cement and observe for vacuum. Pump 82 sacks cement to surface. Cement fell 60 feet. Pump additional 42 sacks to surface. Hole full of cement. Install dry hole marker 4 feet below ground, weld name plate on. Take GPS Reading.

GPS RECORDING IS

N 39* 56.846'

W108* 46.755'

BOB HARTMAN –BLM-GRAND JUNCTION FIELD. OFFICE PE.

KEVIN KING-COGCC-PE-DENVER, COLORADO.

P&A Was witnessed by:

JO BECK WITH BLM: WHITE RIVER FIELD OFFICE. 970-878-3826.

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

JEFF RECTOR WITH DUCO INC. 970-629-2614. CEMENT & RIG.

ADAM DANIELS WITH DLD PIPE RECOVERY SERVICE. WIRE LINE 970-263-4800.



Tyler Thyfault

Production Engineer
