

DUCO INC.

Cement Report

Hiring company: Locin Oil

Well Name: 14-11-1-2

SESW sec11 T15 R102W

State: Colorado

County: Rio Blanco

All cement pumped is class G cement mixed 5 gallons fresh water per SK for 15.8lb cement 1.15 yield

7/16/18

DRIVE from rangely yard MIRU set up spool and start ROH with 1.9 tubing standing back 71 joints laid down 1 shoot off 2 7/8tbg with wire line at 2252 stood back 37 stands pumped 37 bbls to fill hole water came out the annulus used 9 pound water to fill hole. drove back to rangely yard.

7/17/18

drove from rangely yard to location then drove back to rangely yard to make a 2 7/8 x nipple 7 foot long. got back to location then tried to get through tight spot in csg was unsuccessful. Ran in with 1.9 tubing to bottom of hole 2250 broke circulation at 35 bbls at .73 bbls a min pumped 10 (sks) of class G cement 1.15 yield displacing with 5bbls stood back 11 stands and reverse circulated with 35bbls cleaned up pump truck and drove back to rangely yard with water truck and crew truck.

7/18/18

DLD report setup service charge free point operation service charge. freepoint depth service charge. 2 7/8 explosive tubing cutter service charge. Explosive tubing cutter depth service charge. Junk basket gauge ring operation service charge tag @278 DLD hot shot service for 2 7/8 cutter. set up service charge. squeeze gun operation service charge shot @160

7/19/18

got to location at 7 am pumped 65 sks class g cement 1.5 yield 555ft plug in 5 1/2 csg 13.2 bbls slurry 1530 EOT. Dis with 2.5 bbls wait four hours did not tag cement pumped 10 sks EOT 1465 2 bbls slurry 84 ft plug 3 bbl displace leaving .8 in the tubing pull up reverse out 3 bbls to reverse breaking circulation pumped another 8 bbls suggested to pull tubing shut down for the day.

7/20/18

get to location at 7 am pumped down tubing psi test to 500 psi eot 1215 .8 bbls to fill tbg shoot 285 eot 2% 10 sks class g cement plug 2 bbls dis with .5 bbls pumped did not break circulation. Shut down for the day waiting to tag cement tomorrow

7/21/18

got to location at 7 am pumped 2% class g cement 10 sks 2bbls off slurry 84ft plug 1.1 bbls fresh water displacing with .5 bbls 270 EOT wait 4 hours for cement to set up. Go in to tag still no tag mix 10 sks class g cement 2% 2bbls slurry 84 ft plug 1.1 bbls fresh displacing with 1 bbls wait four hours still no tag. mix and pump 5 sks of class g cement 2% .5 bbls of fresh 1 bbls slurry 42 ft plug displacing with 1 bbl. shut down for the day.

7/26/18

set up charge 5 1/2 explosive casing cutter operation service charge cut @100 feet shorty setting tool service set 8 5/8 CICR @90. duco top cap mix and pump 7 bbls slurry 35 sks class g cement to surface leaving 2 bbls of slurry in the truck bringing cement to surface moved to next location 3-15-1-2 get injection rate 1 bbls min at 400 psi mix and pump 2 bbls 10 sks slurry class g cement under 8 5/8 CICR pull out pump 7 bbls slurry 35 sks to surface cut off well head and back fill.

P and A witnessed by: BLM Joe Beck