

DUCO INC.

Cement Report

Hiring company: Terra Energy

Well Name: Maves A1

API: 05-045-19732

Surface legal location: NENW 6 6S91W 6

Lease:

State: Colorado

County: Garfield

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

Cement:

Day One:

Job One-

Lead with 5 BBLS FW with good circulation. CICR @1,145'. Mix and pump 34 sks/6.96 BBLS slurry 15.8# class G cement neat. Verified weight by denso. 4 BBLS mix water used for slurry. Displace 4.43 to place all cmt under CICR. Pull up and reverse out tubing string. Clean up to tank.

Day Two:

Job One-

Lead with 5 BBLS FW with good circulation through squeeze holes at 1,078. No tubing in hole. Mix and pump 50 sks/10.24 BBLS slurry 15.8# class G cement neat. Weight verified by denso. 5.95 BBLS mix water used for slurry. Displace 14.07 BBLS to balance. Pumping down casing, through squeeze holes, and up surface casing. Returns through bradenhead throughout pump. EST TOC @905'.

Job Two-

Lead with 5 BBLS FW with good circulation through squeeze holes at 50'. No tubing in hole. Mix and pump 17 sks/3.48 BBLS slurry 15.8# class G cement neat. Weight Verified by denso. 2.02

BBLS mix water used for slurry. Circulate down casing, through squeeze holes, and up surface casing until good CMT seen at surface. Confirmed good cement at surface. Clean up to tank.