

North Central Oil Corp.
BLS.049
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WELL DATA

Intermediate Casing:

Depth	4,800 ft.
Casing Size	8-5/8 in.
Hole Size	11 in.
Calculated Cement Fill	To Surface
Excess Calculated (Open Hole)	150%

CEMENT RECOMMENDATION

Lead Cement: 1,290 sacks Premium Plus Halliburton Light Cement +
15#/sk. Salt + 1/4#/sk. Flocele

Water ratio - 9.9 gals. per sk.
Slurry weight - 12.7 lbs. per gal.
Slurry Volume - 2.01 cu. ft. per sk.

Tail-In Cement: 300 sacks Premium Plus Cement + 2% CaCl₂

Water ratio - 6.3 gals. per sk.
Slurry weight - 14.8 lbs. per gal.
Slurry volume - 1.32 cu. ft. per sk.