

Cement Program
HOC Federal Gas Com No. 2
Sec 13, T22S, R23E
Eddy County, New Mexico
Conductor Casing

Depth:	160'
Casing Size:	13 3/8" 48 PPF
Hole Size:	17 1/2"
Calculated Cement Fill:	To Surface
Excess Calculated:	300%
Shoe Joint:	40'

Cement: 365 Sacks Premium Plus Cement + 2% CaCl

Water Ratio:	6.3 gals/sx
Slurry Weight:	14.8 ppg
Slurry Volume:	1.32 cf/sx

Cement Equipment: Texas Style Guide Shoe
Insert Float Valve
3 - Centralizers

Intermediate Casing

Depth:	2300'
Casing Size:	8 5/8" 24 PPF
Hole Size:	12 1/4" to 1000' / 11" to 2300'
Calculated Cement Fill:	To Surface
Excess Calculated (Open Hole):	100%
Shoe Joint:	80'

Cement: Lead: 600 Sacks Premium Plus Halliburton
Light Cement + 1/4#/sx Flocele +
10#/sx Gilsonite

Water Ratio:	9.9 gals/sx
Slurry Weight:	12.4 ppg
Slurry Volume:	1.99 cf/sx