



SURFACE CASING AND CEMENTING REPORT

Well Name:	Waves 1H
County	Weld
State	Colorado

Surface casing

Run Date	11/20/2012
Size:	9 5/8"
Set at	996
Hole Size	13 1/2"
Joints Run	24
Hours to Run Casing	3

Casing String Details

Number	Description	Wt/ft	Grade	Threads	Condition	Length	Depth
1	Float Shoe	36.00	N-80	STC	New	1.00	996.00
2	Shoe Joint, 9 5/8", 36#, J55, STC	36.00	J-55	STC	New	42.10	953.90
3	Float Collar	36.00	N-80	STC	New	1.00	952.90
4	Casing, 9 5/8", 36#, J55, STC	36.00	J-55	STC	New	952.90	0.00

Centralizers

Number	5
Type	Bow Spring 9 5/8" X 13.5"
Placement Joints	2, 5, 9, 13, 17

Cement Details

Service Company	Cementers Inc
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Preflush	30 bbl fresh water
Lead	680 sx, 1.18cf/sx, 15.2ppg, 142.9 bbl
Tail	none
Displacement	74.9 bbl fresh water

Notes	Bumped plug with 800 psi
	Floats Held
	Circulated 6 bbls cement to surface