

9 5/8"

Cement Summary

Well Name: Sharp 24-3-11HC Spud Date: 9-May-2014 Hole Depth: 1,260'

State: Colorado County: Weld Section: 24 Township: 1S Range: 67w

Mud Type: Spud mud MW: 8.5 Visc: 44 PV: 5 YP: 8 Time Cir. (Hr): 1.50 Hrs

Casing Data (From Bottom to Top)

Hole Data

#	Size	Wt	Grade	Coupling	Setting Depth	Hole Size	Hole Depth	T.D. Date
1	9 5/8	36	J-55	LT&C	1,235	13.50	1,250	5/10/2014
2					22' KB			
3								
4								

Reciprocate Casing (Y/N): N Distance: Returns: Full Time Circulated: 0.5 hrs.

Description	Type	SX	WGT PPG	Yield	Water GPS	CuFt	Bbl	Calculated Pump Time	Actual Pump Time
H2O Spacer	fresh		8.3				40		

Additives: 30 bbls fresh and 10 bbl w/ dye

Lead Cem	TYPE 111	592	14.5	1.4	6.82				
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Type III + 0.08 lbs/sk Static Free + 1.5% bwoc CaCl + 0.15 lbs/sk Celloflake + 60.5% fresh water 40 % EXCESS

Tail Cem

Displacement

Additives: r

Additives:

Additives:

Additives:

Additives:

Cementing Company: BJ Bump Plug: Y Pressure: 1580

Time (Plug Down): 1:15 Float Held: Y Top Job: SX of

Cement to Surface: Y Volume (Bbl): 17 Estimated Top: surface

Comments