

HALLIBURTON

iCem® Service

3M COMPANY - ACCOUNTS PAYABLE

For:

Date: Tuesday, April 14, 2015

1H

ANDY 26-34-9/ 1H

TAPSTONE ANDY

Job Date: Tuesday, April 14, 2015

Sincerely,

ROBERT DAVIS

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
2	Lead Cement	ECONOCEM (TM) SYSTEM	140	sack	13.6	1.505		5	7.29
	4 %	BENTONITE, BULK (100003682)							
	0.40 %	HALAD(R)-9, 50 LB (100001617)							
	47 lbm	CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)							
	41.50 lbm	POZMIX A FLYASH (100003690)							
3	Tail Cement	HALCEM (TM) SYSTEM	90	sack	15.6	1.191		5	5.36
	0.40 %	HALAD(R)-9, 50 LB (100001617)							
	94 lbm	CMT - PREMIUM - CLASS H REG OR TYPE V, BULK (100003687)							
	5.36 Gal	FRESH WATER							
4	Displacement	Displacement	193	bbl	8.33			6.5	
Cement Left In Pipe		Amount	Reason		Shoe Joint				
Mix Water:pH ##		Mix Water Chloride:## ppm	Mix Water Temperature:## °F °C						
Cement Temperature:## °F °C		Plug Displaced by:## lb/gal kg/m3 XXXX		Disp. Temperature:## °F °C					
Plug Bumped?Yes/		Bump Pressure:1250 psi MPa		Floats Held?Yes					
Cement Returns:## bbl m3		Returns Density:## lb/gal kg/m3		Returns Temperature:## °F °C					
Comment 1 BBL BACK ON FLOATS									

The Road to Excellence Starts with Safety

Sold To #: 372073	Ship To #: 3652070	Quote #: 0022028335	Sales Order #: 0902315362
Customer: TAPSTONE ENERGY LLC		Customer Rep: BRET GRAY	
Well Name: ANDY 26-34-9	Well #: 1H	API/UWI #: 15-077-22134-01	
Field: UNDESIGNATED	City (SAP): WALDRON	County/Parish: HARPER	State: KANSAS
Legal Description: NE NE NW NE-35-34S-9W-250FNL-1580FEL			
Contractor: NOMAC		Rig/Platform Name/Num: NOMAC 07	
Job BOM: 7522			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\HX25353		Srvc Supervisor: Robert Davis	
Job			

Formation Name			
Formation Depth (MD)	Top	800	Bottom 5131
Form Type	BHST		
Job depth MD	5131ft	Job Depth TVD	4566
Water Depth		Wk Ht Above Floor	5
Perforation Depth (MD)	From		To

Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing	3	9.625	8.921	36	LTC	J-55	0	800		
Casing	3	7	6.276	26	LTC	P-110	0	5131	0	0
Open Hole Section			8.75				800	5131	800	4655

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make	
Guide Shoe	7			5131	Top Plug	7	1	HES	
Float Shoe	7				Bottom Plug	7	1	HES	
Float Collar	7				SSR plug set	7		HES	
Insert Float	7				Plug Container	7	1	HES	
Stage Tool	7				Centralizers	7		HES	

Miscellaneous Materials									
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc			
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty			

Fluid Data										
Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Mud Flush III (Liquid)	Mud Flush III	10	bbl	8.4			3		
41 gal/bbl		FRESH WATER								