

*The Road to Excellence Starts with Safety*

Sold To #: 372073	Ship To #: 3652070	Quote #: 0022027948	Sales Order #: 0902307153
Customer: TAPSTONE ENERGY LLC		Customer Rep: Bill	
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: 7521			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\HX25353		Srvc Supervisor: John Marinis	
Job			

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	826ft		Job Depth TVD
Water Depth			Wk Ht Above Floor
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
Open Hole Section			12.25				0	800		
Casing	3	9.625	8.921	36	LTC	J-55	0	800		

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make
Guide Shoe	9.625	1		826		Top Plug	9.625	1	HES
Float Shoe	9.625					Bottom Plug	9.625		HES
Float Collar	9.625	1				SSR plug set	9.625		HES
Insert Float	9.625					Plug Container	9.625		HES
Stage Tool	9.625					Centralizers	9.625		HES

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

Fluid Data										
Stage/Plug #: 1										
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Water Spacer	Water Spacer	10	bbl	8.33					
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
2	Tail Cement	SWFTCEM (TM) SYSTEM	490	sack	15	1.319		5	6.25	

2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)								
6.25 Gal		FRESH WATER								
94 lbm		CMT - STANDARD - CLASS A REG OR TYPE I, BULK (100003684)								
0.1250 lbm		POLY-E-FLAKE (101216940)								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
3	Displacement	Displacement	60.3	bbl	8.33					
Cement Left In Pipe		Amount	42 ft			Reason		Shoe Joint		
Comment										