

*The Road to Excellence Starts with Safety*

Sold To #: 372073	Ship To #: 3606948	Quote #: 0021972318	Sales Order #: 0901957667
Customer: TAPSTONE ENERGY LLC		Customer Rep: Skipper	
Well Name: HARRY 4-35-10	Well #: 1H	API/UWI #: 15-007-24241-01	
Field:	City (SAP): KIOWA	County/Parish: BARBER	State: KANSAS
Legal Description: NE NW NE NE-4-35S-10W-220FNL-870FEL			
Contractor: NOMAC		Rig/Platform Name/Num: NOMAC 07	
Job BOM: 7522			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\HX25353		Srcv Supervisor: John Marinis	
<b>Job</b>			

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	5195ft 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
Casing	3	9.625	8.921	36	LTC	J-55	0	800		
Casing	3	7	6.276	26	LTC	P-110	0	5195	0	4752
Open Hole Section			8.75				800	5195	800	4752

**Tools and Accessories**

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	7	1		5195	Top Plug	7	1	HES
Float Shoe	7				Bottom Plug	7	1	HES
Float Collar	7	1			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 <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Mud Flush III (Liquid)	Mud Flush III	10	bbl	8.4					
41 gal/bbl		FRESH WATER								

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
2	Lead Cement	ECONOCEM (TM) SYSTEM	140	sack	13.6	1.506		4	7.3	
	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)								
	4 %	HALLIBURTON GEL, 50 LB SK (100064040)								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
3	Tail Cement	HALCEM (TM) SYSTEM	90	sack	15.6	1.191		4	5.36	
	0.40 %	HALAD(R)-9, 50 LB (100001617)								
	94 lbm	CMT - PREMIUM - CLASS H REG OR TYPE V, BULK (100003687)								
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
4	WATER Displacement	WATER Displacement	195	bbl	8.33					
<b>Cement Left In Pipe</b>		<b>Amount</b>	84 ft		<b>Reason</b>			Shoe Joint		
<b>Comment</b>										