

The Road to Excellence Starts with Safety

Sold To #: 372073	Ship To #: 3607707	Quote #: 0021982020	Sales Order #: 0902014828
Customer: TAPSTONE ENERGY LLC		Customer Rep:	
Well Name: SCHUPBACH 3410	Well #: 33-2H	API/UWI #: 15-007-24242-01	
Field: HAZELTON	City (SAP): KIOWA	County/Parish: BARBER	State: KANSAS
Legal Description: NE NW NE NE-4-35S-10W-220FNL-850FEL			
Contractor: NOMAC		Rig/Platform Name/Num: NOMAC 07	
Job BOM: 7522			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA/HX25353		Srvc Supervisor:	

Job

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type	BHST		
Job depth MD	5296ft		Job Depth TVD
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	5296	0	4730
Open Hole Section			8.75				800	5296	800	4730

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	7	1		5296	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 ³ /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 ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
2	Lead Cement	ECONOCEM (TM) SYSTEM	130	sack	13.6	1.506		5	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 ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
3	Tail Cement	HALCEM (TM) SYSTEM	90	sack	15.6	1.184		5	5.26	
	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 ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
4	Displacement	Displacement	199	bbl	8.33					
Cement Left In Pipe										
Amount	42 ft			Reason				Shoe Joint		
Mix Water:	pH 7	Mix Water Chloride:	1200 ppm		Mix Water Temperature:		34 °F °C			
Cement Temperature:	## °F °C		Plug Displaced by:		## lb/gal kg/m3 XXXX		Disp. Temperature:			## °F °C
Plug Bumped?	Yes		Bump Pressure:		680 psi MPa		Floats Held?			Yes
Cement Returns:	## bbl m3		Returns Density:		## lb/gal kg/m3		Returns Temperature:			## °F °C
Comment										