

The Road to Excellence Starts with Safety

Sold To #: 306259	Ship To #: 3796351	Quote #:	Sales Order #: 0904053179
Customer: VERDAD OIL & GAS CORP		Customer Rep:	
Well Name: HOMESTEAD	Well #: 20	API/UWI #: 05-123-44624-00	
Field: WATTENBERG	City (SAP): IONE	County/Parish: WELD	State: COLORADO
Legal Description: NE SE-34-1N-66W-2446FSL-1000FEL			
Contractor: ADVANCED ENERGY		Rig/Platform Name/Num: ADVANCED 10	
Job BOM: 7521 7521			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\HX38199		Srvc Supervisor: Luke Kosakewich	

Job

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	1745ft		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		9.625	8.921	36	8 RD	J-55	0	1732		0
Open Hole Section			13.5				0	1745		1745

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe					Top Plug	9.625	1	Weatherford
Float Shoe	9.625	1	Weatherford	1732	Bottom Plug	9.625	1	Weatherford
Float Collar	9.625	1	Weatherford	1687				
Insert Float					Plug Container	9.625	1	HES
Stage Tool					Centralizers	9.625		Weatherford

Fluid Data

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Fresh Water Spacer	Fresh Water Spacer. Last 10 bbls with red dye.	20	bbl	8.33			5 bpm	
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	SwiftCem	SWIFTCEN (TM) SYSTEM	740	sack	13.5	1.75	8.97	5	6638

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Displacement	Displacement	133	bbl	8.33			5	
Cement Left In Pipe		Amount	47 ft		Reason			Shoe Joint	
Comment : 33 bbls of cement back to Surface. Full returns.									