

*The Road to Excellence Starts with Safety*

Sold To #: 352431	Ship To #: 3814238	Quote #: 0022338139	Sales Order #: 0904223199
Customer: CONOCO/PHILLIPS COMPANY-EBUS		Customer Rep: Aron Negusse	
Well Name: STATE BIERSTADT 4-65 35-34	Well #: 1DH		API/UWI #: 05-005-07295-00
Field: WILDCAT	City (SAP): AURORA	County/Parish: ARAPAHOE	State: COLORADO
Legal Description: NE NE-35-4S-65W-1250FNL-650FEL			
Contractor: H & P DRLG		Rig/Platform Name/Num: H & P 448	
Job BOM: 392189 392189			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\HB41307		Srvc Supervisor: Bradley Hinkle	
Job			

<b>Formation Name</b>	
<b>Formation Depth (MD)</b>	<b>Top</b>
<b>Form Type</b>	<b>BHST</b>
<b>Job depth MD</b>	2279ft
<b>Water Depth</b>	
<b>Perforation Depth (MD)</b>	<b>From</b>

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	1773		0
Casing		9.625	8.921	36	LTC	J-55	0	2279		0
Open Hole Section			12.25				1777	2286		0

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make	
Guide Shoe	9.625				Top Plug	9.625	1	Weatherford	
Float Shoe	9.625	1	Weatherford	2279	Bottom Plug	9.625		HES	
Float Collar	9.625	1	Weatherford	2234	SSR plug set	9.625		HES	
Insert Float	9.625				Plug Container	9.625	1	HES	
Stage Tool	9.625	1	Weatherford	1773	Centralizers	9.625		HES	

Fluid Data										
<b>Stage/Plug #: 1</b>										
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	Spacer	Tuned Spacer III	50	bbl	10	8.82		4		
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	Tail Cement	SWIFTCM	165	sack	14.2	1.59		6	7.89
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	Fresh Water	40	bbl	8.33			8	
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	Water Based Mud	132	bbl	8.9			8	
Cement Left In Pipe		Amount	44 ft		Reason			Shoe Joint	
Mix Water:		pH 7	Mix Water		0 ppm		Mix Water Temperature:		65 °F
			Chloride:						
Cement Temperature:## °F °C		Plug Displaced by:## lb/gal kg/m3 XXXX				Disp. Temperature:## °F °C			
Plug Bumped?Yes/No		Bump Pressure:#### psi MPa				Floats Held?Yes/No			
Cement Returns:## bbl m3		Returns Density:## lb/gal kg/m3				Returns Temperature:## °F °C			
Comment 50 bbls Tuned Spacer and 20 bbls Cement to surface when circulating after DV Tool opened.									