

The Road to Excellence Starts with Safety

Sold To #: 366960	Ship To #: 3677129	Quote #:	Sales Order #: 0903229618
Customer: WHITING OIL & GAS CORP - EBUS	Customer Rep: Kyle Renton		
Well Name: HORSETAIL	Well #: 7F-1806	API/UWI #: 05-123-41769-00	
Field: WILDCAT	City (SAP): RAYMER	County/Parish: WELD	State: COLORADO
Legal Description: SE NW-7-10N-57W-2546FNL-2209FWL			
Contractor: UNIT DRLG	Rig/Platform Name/Num: UNIT 406		
Job BOM: 7521			
Well Type: HORIZONTAL OIL			
Sales Person: HALAMERICA\HX41066	Srvs Supervisor: Nathaniel Moore		

Job

Formation Name	
Formation Depth (MD)	Top
Form Type	BHST
Job depth MD	2022ft
Water Depth	
Perforation Depth (MD)	From

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	LTC	J-55	0	2022	0	2022
Open Hole Section			13.5				0	2022	0	2022

Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	9.625			2022	Top Plug	9.625		HES
Float Shoe	9.625				Bottom Plug	9.625		HES
Float Collar	9.625			1979	SSR plug set	9.625		HES
Insert Float	9.625				Plug Container	9.625		HES
Stage Tool	9.625				Centralizers	9.625		HES

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	20	bbl	8.33			6	

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	SWIFTCM (TM) SYSTEM	430	sack	12.5	2.171		6	12.35
12.35 Gal		FRESH WATER							

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	SwiftCem	SWIFTCEN (TM) SYSTEM	215	sack	14.2	1.533		6	7.61
7.61 Gal		FRESH WATER							
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
4	Displacement	Displacement	153	bbl	8.33			6	
Cement Left In Pipe		Amount	42 ft		Reason			Shoe Joint	

60 bbl cement to surface