

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 366960		Ship To #: 3186823		Quote #:		Sales Order #: 900983967	
Customer: WHITING OIL & GAS CORP - EBUS				Customer Rep: Wilkerson, Kenny Ray			
Well Name: Razor		Well #: 21B-2812B		API/UWI #: 05-123-37766			
Field: WATTENBURG		City (SAP): NEW RAYMER		County/Parish: Weld		State: Colorado	
Lat: N 40.83 deg. OR N 40 deg. 49 min. 47.978 secs.				Long: W 103.868 deg. OR W -104 deg. 7 min. 55.301 secs.			
Contractor: Frontier		Rig/Platform Name/Num: Frontier 26					
Job Purpose: Cement Surface Casing							
Well Type: Development Well				Job Type: Cement Surface Casing			
Sales Person: PLIENESS, RYAN				Srv Supervisor: WHEELER, JUSTIN		MBU ID Emp #: 196470	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HINKLE, BRADLEY Dean	0.0	512123	Sauceda, Jimmy	0.0	TWS	SIMMONS, KEATON J	0.0	524850
WHEELER, JUSTIN W	0.0	196470						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11360865C	103 mile	11410470C	103 mile	11605599	103 mile	11764052	103 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

Total is the sum of each column separately

TOTAL

Job

Job Times

Formation Name						Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom			Called Out	19 - Dec - 2013	06:00 MST
Form Type		BHST				On Location	19 - Dec - 2013	11:00 MST
Job depth MD	1651. ft		Job Depth TVD	1651. ft		Job Started	19 - Dec - 2013	20:21 MST
Water Depth			Wk Ht Above Floor			Job Completed	19 - Dec - 2013	21:58 MST
Perforation Depth (MD)	From		To			Departed Loc	19 - Dec - 2013	23:00 MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD Ft
13 1/2" Open Hole Section				13.5				.	1670.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	1651.		

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Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water Spacer		20.00	bbl	8.33	.0	.0	2.0	
2	14.2# SwiftCem B1	SWIFTCM (TM) SYSTEM (452990)	754	sacks	14.2	1.54	7.66	6.5	7.66
7.66 Gal		FRESH WATER							
The Information Stated Herein Is Correct					Customer Representative Signature				