

### The Road to Excellence Starts with Safety

<b>Sold To #:</b> 306489		<b>Ship To #:</b> 3186825		<b>Quote #:</b>		<b>Sales Order #:</b> 900935718	
<b>Customer:</b> WHITING OIL & GAS CORP - EBUS				<b>Customer Rep:</b> Pettjohn, Will			
<b>Well Name:</b> Razor			<b>Well #:</b> 21B-2809A			<b>API/UWI #:</b> 05-123-37767	
<b>Field:</b> WATTENBURG		<b>City (SAP):</b> NEW RAYMER		<b>County/Parish:</b> Weld			<b>State:</b> Colorado
<b>Lat:</b> N 40.83 deg. OR N 40 deg. 49 min. 48.731 secs.				<b>Long:</b> W 103.868 deg. OR W -104 deg. 7 min. 54.008 secs.			
<b>Job Purpose:</b> Cement Surface Casing							
<b>Well Type:</b> Development Well			<b>Job Type:</b> Cement Surface Casing				
<b>Sales Person:</b> PLIENESS, RYAN			<b>Srvc Supervisor:</b> SMITH, KC			<b>MBU ID Emp #:</b> 462378	

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
EAVES, WESTON	13.5	539193	KAISA, BRADLEY Mike	13.5	528102	SCOTT, BRANDON Weston	13.5	534182
SMITH, KC Hyrum	13.5	462378						

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10246780C	100 mile	10951248	100 mile	10988836	100 mile	11501021	100 mile
11566182	100 mile	11645065	100 mile				

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11/29/2013	13.5	2						

<b>TOTAL</b>	Total is the sum of each column separately							
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### Job

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	28 - Nov - 2013	17:00	MST
Form Type	BHST		Job Started	28 - Nov - 2013	21:45	MST
Job depth MD	1650. ft	Job Depth TVD	Job Completed	29 - Nov - 2013	07:30	MST
Water Depth		Wk Ht Above Floor	Deparated Loc	29 - Nov - 2013	09:50	MST
Perforation Depth (MD)	From	To		29 - Nov - 2013	11:15	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				.	1650.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	1650.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,FLT,TROPHY SEAL,9 5/8 8RD	1	EA		
CLR,FLT,TROPHY SEAL, 9-5/8 8RD	1	EA		
CNTRLZR, 9 5/8x13 3/4,#500-0963-1375	5	EA		
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9.625	1	
Float Shoe	9.625	1		1624	Bridge Plug					Bottom Plug			
Float Collar	9.625	1		1534	Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	
Stage Tool										Centralizers			

### 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 <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	Fresh Water Spacer		10.00	bbl	8.33	.0	.0	4.0		
2	14.2# SwiftCem B1	SWIFTCM (TM) SYSTEM (452990)	718.0	sacks	14.2	1.54	7.66	5.0	7.66	
7.66 Gal		FRESH WATER								
Calculated Values		Pressures		Volumes						
Displacement	118.6	Shut In: Instant		Lost Returns		Cement Slurry	197	Pad		
Top Of Cement		5 Min		Cement Returns	35	Actual Displacement	118	Treatment		
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job		
Rates										
Circulating		Mixing	5	Displacement	6	Avg. Job	5			
Cement Left In Pipe	Amount	42 ft	Reason	Shoe Joint						
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID			
The Information Stated Herein Is Correct				Customer Representative Signature						