

The Road to Excellence Starts with Safety

Sold To #: 366960	Ship To #: 3186824	Quote #:	Sales Order #: 900973701
Customer: WHITING OIL & GAS CORP - EBUS		Customer Rep: Pettjohn, Will	
Well Name: Razor		Well #: 21B-2811A	API/UWI #: 05-132-37765
Field: WATTENBURG	City (SAP): NEW RAYMER	County/Parish: Weld	State: Colorado
Lat: N 40.83 deg. OR N 40 deg. 49 min. 48.749 secs.		Long: W 103.898 deg. OR W -104 deg. 6 min. 6.869 secs.	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: PLIENESS, RYAN		Srvc Supervisor: WHIPPLE, WESLEY	MBU ID Emp #: 518611

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MAYFIELD, BYRON L	7.8	528751	NIELSON, BRANDON K	7.8	479703	TOWNSON, JUSTIN T	7.8	555407
WHIPPLE, WESLEY Morgan	7.8	518611						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10866497C	102 mile	10867419C	102 mile	11019275	102 mile	11542778	102 mile
11562570C	102 mile	12010172	102 mile				

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Water Depth	Perforation Depth (MD)	From	To
				BHST	1650. ft				
					Job Depth TVD				
					Wk Ht Above Floor	3. ft			

Job Times

Called Out	Date	Time	Time Zone
	14 - Dec - 2013	09:00	MST
On Location	14 - Dec - 2013	14:45	MST
Job Started	14 - Dec - 2013	20:04	MST
Job Completed	14 - Dec - 2013	21:51	MST
Departed Loc	14 - Dec - 2013	22:30	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/3rd 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		

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		10.00	bbl	8.33			2	
2	14.2# SwiftCem B1	SWIFTCM (TM) SYSTEM (452990)	718.0	sacks	14.2	1.54	7.66	7	7.66
7.66 Gal		FRESH WATER							
The Information Stated Herein Is Correct				Customer Representative Signature					