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# **WEXPRO COMPANY E-BILL**

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**BW Musser 27  
POWDER WASH  
Moffat County , Colorado**

**Cement Production Casing**  
**27-Apr-2008**

**Job Site Documents**

*The Road to Excellence Starts with Safety*

Sold To #: 343491		Ship To #: UNKNOWN		Quote #:		Sales Order #: 5825598	
Customer: WEXPRO COMPANY E-BILL				Customer Rep:			
Well Name: BW Musser			Well #: 27			API/UWI #: 05-081-07406-00	
Field:		City (SAP): UNKNOWN		County/Parish: Moffat		State: Colorado	
Legal Description:							
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.				Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.			
Contractor:			Rig/Platform Name/Num: UNIT 137				
Job Purpose: Cement Production Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Production Casing				
Sales Person: VOLNER, THOMAS			Srvc Supervisor: BROWNELL, BRIAN			MBU ID Emp #: 301514	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	04/26/2008 13:00							
Arrive At Loc	04/26/2008 15:30							REQUESTED ON LOCATION AT 1800 WAIT OFF LOCATION UNTIL LOCATION IS CLEAR FOR OUR EQUIPMENT
Assessment Of Location Safety Meeting	04/26/2008 18:00							
Other	04/26/2008 18:05							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	04/26/2008 18:10							
Rig-Up Equipment	04/26/2008 18:20							
Casing on Bottom	04/26/2008 22:00							RIG DOWN CASERS AND CIRCULATE BOTTOMS UP
Rig-Up Equipment	04/26/2008 22:30							STAND PIPE AND FLOOR IRON
Pre-Job Safety Meeting	04/26/2008 23:30							REVIEW JSA WITH RIG CREW
Start Job	04/26/2008 23:55	1						
Pump Water	04/26/2008 23:56	2	2	2	2		73.0	FILL LINES WITH FRESH WATER AHEAD
Pressure Test	04/26/2008 23:58	3	0.1	0.1			8765.0	TEST LINES UP TO CEMENT HEAD
Pump Spacer	04/26/2008 23:59	4	2	40	42		220.0	FRESH WATER AND MUDFLUSH SPACERS
Pump Lead Cement	04/27/2008 00:13	5	7	238	280		1330.0	EXTENDACEM RS1 @ 11.3#, 2.81Y, 16.89WR... 475 SACKS

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	04/27/2008 00:46	6	7	116	396		1200. 0	HALCEM RS4 @ 15.2#, 1.26Y, 5.77WR... 515 SACKS
Shutdown	04/27/2008 01:00	7						SWAP LINES OVER TO PIT
Clean Lines	04/27/2008 01:01	8						LOAD LINES WITH MMCR
Pump Displacement	04/27/2008 01:06	9	7	110	506		2995. 0	FIRST 10BBL WITH MMCR/ ALL DISPLACEMENT WITH CLAYFIX MATERIAL
Slow Rate	04/27/2008 01:22	10	4	20	526		2500. 0	CONTINUE CLAYFIX MATERIAL DISPLACEMENT
Slow Rate	04/27/2008 01:27	11	2	2	528		2490. 0	SLOW RATE TO LAND PLUG
Bump Plug	04/27/2008 01:28	12					3090. 0	~500 PSI OVER FINAL CIRCUCLATING PRESSURE
Pressure Test	04/27/2008 01:29	13						TEST CASING FOR HALF HOUR
Check Floats	04/27/2008 02:01	14					3600. 0	RETURNED 1.5BBL BACK TO TANKS, FLOATS HELD
End Job	04/27/2008 02:05	15						LOAS RETURNS DURING DISPLACEMENT, DID NOT RETURN ANY CEMENT TO SURFACE
Pre-Rig Down Safety Meeting	04/27/2008 02:06							
Rig-Down Equipment	04/27/2008 02:10							
Rig-Down Completed	04/27/2008 02:40							WASH UP PUMP TRUCK TO PIT
Pre-Convoy Safety Meeting	04/27/2008 03:30							
Crew Leave Location	04/27/2008 03:45							

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Well Type: Development Well				Job Type: Cement Production Casing			
Sales Person: VOLNER, THOMAS				Srv Supervisor: BROWNELL, BRIAN		MBU ID Emp #: 301514	
Job Personnel							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
BROWNELL, BRIAN Joseph	9.8	301514	PUGMIRE, DUANE	9.8	353129	ROBY, JR Edwin	9.8
VARELA, MARIO A	9.8	441384					
Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
04-26-08	6		04-27-08	4			
TOTAL		Total is the sum of each column separately					
Job							
Formation Name				Job Times			
Formation Depth (MD)	Top	Bottom		Called Out	Date	Time	Time Zone
Form Type	BHST			On Location	26 - Apr - 2008	13:00	MST
Job depth MD	8900. ft			Job Started	26 - Apr - 2008	23:55	MST
Water Depth	Wk Ht Above Floor			Job Completed	27 - Apr - 2008	02:05	MST
Perforation Depth (MD)	From	To		Departed Loc	27 - Apr - 2008	03:45	MST
Well Data							
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade
PRODUCTION OPENHOLE				9.			
PRODUCTION CASING	New		4.5	4.	11.6		P-110
SURFACE CASING	Used		9.625	8.921	36.		J-55
Sales/Rental/3 <sup>rd</sup> Party (HES)							
Description				Qty	Qty uom	Depth	Supplier
MICRO MATRIX RETARDER				1	GAL		
PLUG,CMTG,TOP,4 1/2,HWE,3.65 MIN/4.14 MA				1	EA		
PLUG,CMTG,BOT,4 1/2,HWE,3.65 MIN/4.14 MA				1	EA		
Tools and Accessories							
Type	Size	Qty	Make	Depth	Type	Size	Qty
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
Miscellaneous Materials							
Gelling Agt		Conc		Surfactant		Conc	
Treatment Fld		Conc		Inhibitor		Conc	
				Acid Type		Qty	
				Sand Type		Size	
						Conc	%
						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	MUD FLUSH	MUD FLUSH - ZI - SBM (13383)	20.00	bbl	8.4	.0	.0	.0		
2	ExtendaCem RS1	EXTENDACEM (TM) SYSTEM (452981)	475.0	sacks	11.3	2.79	16.76		16.76	
	0.8 %	HR-7 (100005055)								
	0.3 %	D-AIR 3000 (101007446)								
	16.756 Gal	FRESH WATER								
3	HalCem RS4	HALCEM (TM) SYSTEM (452986)	515.0	sacks	15.2	1.26	5.75		5.75	
	1 %	HALLIBURTON GEL, 50 LB SK (100064040)								
	0.3 %	HALAD(R)-344, 50 LB (100003670)								
	0.15 %	HR-5, 50 LB SK (100005050)								
	5.754 Gal	FRESH WATER								
4	Clayfix II Displacement		133.00	bbl	8.4	.0	.0	.0		
	0.1 gal/bbl	CLAYFIX II, HALTANK (100003729)								
Calculated Values		Pressures		Volumes						
Displacement	133	Shut In: Instant		Lost Returns	YES	Cement Slurry	354	Pad		
Top Of Cement	SURFACE	5 Min		Cement Returns	NO	Actual Displacement	133	Treatment		
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	527	
Rates										
Circulating	9	Mixing		7	Displacement	7	Avg. Job	7		
Cement Left In Pipe	Amount	0 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						