
BILL BARRETT CORPORATION E-BILL

**DIXON FED 32C-23-692
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
04-Apr-2012

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2919078	Quote #:	Sales Order #: 9405515
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: Lauer, Casey	
Well Name: DIXON FED		Well #: 32C-23-692	API/UWI #: 05-045-21115
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.515 deg. OR N 39 deg. 30 min. 52.52 secs.		Long: W 107.635 deg. OR W -108 deg. 21 min. 54.31 secs.	
Contractor: ProPetro Services Inc.		Rig/Platform Name/Num: ProPetro	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srvc Supervisor: TRIPLETT, MICHEAL	MBU ID Emp #: 447908

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HARDRICK, RAYMOND Frank	14	391324	TRIPLETT, MICHEAL Anthony	14	447908	WEAVER, CARLTON Russell	14	457698

Equipment

HES Unit #	Distance-1 way						
10784064	120 mile	10951245	120 mile	11006314	120 mile	11542767	120 mile
11808835	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
04/03/2012	5	1	04/04/2012	9	1			

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
				03 - Apr - 2012	23:00	MST
Form Type	BHST		On Location			
Job depth MD	800. ft	Job Depth TVD	800. ft	Job Started	04 - Apr - 2012	08:25 MST
Water Depth		Wk Ht Above Floor	2. ft	Job Completed	04 - Apr - 2012	09:20 MST
Perforation Depth (MD)	From	To	Departed Loc	04 - Apr - 2012	09:30	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
Sales/Rental/3rd Party (HES)											

Description	Qty	Qty uom	Depth	Supplier
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	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			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
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 ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		

1	Water Spacer		20.00	bbbl	8.34			4	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.77	6	13.77
	13.77 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85	6	6.85
	6.85 Gal	FRESH WATER							
4	Displacement		56.00	bbbl	8.33			6	
Calculated Values		Pressures			Volumes				
Displacement	55.7	Shut In: Instant		Lost Returns	0	Cement Slurry	81	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	20	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	160
Rates									
Circulating	0	Mixing	6	Displacement	6	Avg. Job			6
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					

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Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srv Supervisor: TRIPLETT, MICHEAL	MBU ID Emp #: 447908

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive At Loc	04/04/2012 01:30							CEMENT ARRIVED ON LOCATION, REST OF CREW ON LOCATION FROM PREVIOUS JOB.
Assessment Of Location Safety Meeting	04/04/2012 01:35							REVIEWED EMERGENCY PLAN, ASSESSED WORK AREA AND SPOTTED EQUIPMENT.
Pre-Rig Up Safety Meeting	04/04/2012 07:30							ENTIRE CREW, WALKED THROUGH RIG UP LOOKING FOR HAZARDS.
Rig-Up Equipment	04/04/2012 07:35							1 PICK UP, 1 HT400 PUMP TRUCK, 1 660 BULK CEMENT TRUCK, 1 SCREW IN HEAD WITH PLUG,
Pre-Job Safety Meeting	04/04/2012 08:15							ENTIRE CREW AND RIG CREW.
Start Job	04/04/2012 08:25							TD 800' TP 780.87 SJ 44.85', 9 5/8 36# CASING IN 12 1/2" HOLE. AIR DRILLED HOLE.
Pump Water	04/04/2012 08:26		2	2			4.0	FILL LINES BEFORE TESTING
Pressure Test	04/04/2012 08:29						3000	HELD PRESSURE FOR 2 MIN, PRESSURE HELD, NO LEAKS.
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Pump Spacer 1	04/04/2012 08:33		4	20			60.0	FRESH WATER, PUMPED AT 2 BPM UNTIL CEMENT TUB UP TO WEIGHT AND WEIGHED WITH SCALES, SPED RATE TO 5 BPM AT 6 BBLS GONE.
Pump Lead Cement	04/04/2012 08:40		6	50.9			130.0	120 SKS VERSACEM, 12.3 PPG, 2.38 CUFT/SK, 13.77 GAL/SK.
Pump Tail Cement	04/04/2012 08:48		6	30.6			175.0	120 SKS VERSACEM, 14.2 PPG, 1.43 CUFT/SK, 6.85 GAL/SK.
Shutdown	04/04/2012 08:53							
Drop Top Plug	04/04/2012 09:05							VARIIFIED PLUG LEFT CONTAINER.
Pump Displacement	04/04/2012 09:06		6	56.7			220.0	FRESH WATER, CEMENT TO SURFACE AT 36 BBLS GONE, 20 BBLS OF CEMENT TO SURFACE. DID NOT USE ANY SUGAR.
Slow Rate	04/04/2012 09:13		6	46.7			200.0	SLOWED RATE TO 2 BPM TO BUMP PLUG.
Bump Plug	04/04/2012 09:18						240.0	PLUG LANDED AT 240 PSI, BUMPED UP TO 850 PSI AND HELD FOR 2 MIN.
Check Floats	04/04/2012 09:19							FLOATS HELD, WHEN RELEASED PRESSURE GOT 3/4 BBL OF WATER BACK TO TRUCK.
End Job	04/04/2012 09:20							RETURNS TO SURFACE AT 24 BBLS GONE ON TAIL CEMENT GOOD RETURNS REMAINDER. GOT CEMENT BACK WITH 33 BBLS GONE ON DISPLACEMENT, 20 BBLS OF CEMENT TO SURFACE. NO SUGAR USED, NO ADDITONAL HOURS.
Post-Job Safety Meeting (Pre Rig-Down)	04/04/2012 09:22							ENTIRE CREW
Rig-Down Equipment	04/04/2012 09:23							

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	04/04/2012 09:30							CREW WILL STAY ON LOCATION FOR NEXT JOB.