
BILL BARRETT CORPORATION E-BILL

**DIXON FED 12C-23-692
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
31-Mar-2012

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 343492		Ship To #: 2916273		Quote #:		Sales Order #: 9373822	
Customer: BILL BARRETT CORPORATION E-BILL				Customer Rep: Lauer, Casey			
Well Name: DIXON FED			Well #: 12C-23-692			API/UWI #: 05-045-21106	
Field: MAMM CREEK		City (SAP): SILT		County/Parish: Garfield			State: Colorado
Lat: N 39.516 deg. OR N 39 deg. 30 min. 56.628 secs.				Long: W 107.642 deg. OR W -108 deg. 21 min. 27.191 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: MAGERS, MICHAEL			MBU ID Emp #: 339439	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DEUSSEN, EDWARD Eric	12.0	485182	EICKHOFF, ROBERT Edward	12.0	495311	MAGERS, MICHAEL Gerard	12.0	339439

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10567589C	120 mile	10867423	120 mile	10897887	120 mile	11259885	120 mile
11808829	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
03/30/2012	7	0	03/31/2012	5	1:2			

TOTAL Total is the sum of each column separately

Job

Formation Name						Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	29 - Mar - 2012	05:00	MST
Form Type			BHST		On Location	30 - Mar - 2012	17:00	MST
Job depth MD	802. ft		Job Depth TVD	802. ft	Job Started	31 - Mar - 2012	03:37	MST
Water Depth			Wk Ht Above Floor	2. ft	Job Completed	31 - Mar - 2012	04:54	MST
Perforation Depth (MD)	From		To		Departed Loc			

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
12 1/4" Open Hole				12.25				.	802		
9 5/8" Surface Casing	New		9.625	8.921	36.		J-55	.	782		

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	9.625	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										SWAGE	9.625	1	HES
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	bbl	8.33	.0	.0	.0		
2	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.77	.0	13.77	
	13.77 Gal	FRESH WATER								
3	SwiftCem Tail Cement	SWIFTCES (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85	.0	6.85	
	6.85 Gal	FRESH WATER								
4	Fresh Water Displacement		57.00	bbl	8.33	.0	.0	.0		
Calculated Values		Pressures		Volumes						
Displacement	57	Shut In: Instant		Lost Returns	0	Cement Slurry	82	Pad		
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement	57	Treatment		
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	159	
Rates										
Circulating	NONE	Mixing	5	Displacement	5/2	Avg. Job	5			
Cement Left In Pipe	Amount	44.9 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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Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	03/29/2012 05:00							
Arrive At Loc	03/30/2012 17:00							HES ALREADY ON LOCATION
Pre-Rig Up Safety Meeting	03/31/2012 03:10							JSA ON RIGGING UP
Rig-Up Equipment	03/31/2012 03:15							1 PICKUP 1 ELITE 1 BULK TRUCK
Safety Huddle	03/31/2012 03:30							RIG CREW AND HES ALL PRESENT
Start Job	03/31/2012 03:37							TD-802 TP-782.4 SJ-44.9 MW-8.33 CSG- 9 5/8 36# OH-12.25 "
Other	03/31/2012 03:38		2	2			7.0	FILL LINES
Pressure Test	03/31/2012 03:39		0.5	0.5			3677.0	PSI TEST OK
Pump Spacer 1	03/31/2012 03:42		3	20			75.0	FRESH WATER
Pump Lead Cement	03/31/2012 03:54		5	51			178.0	VERSACEM 120 SKS 12.3 PPG 2.38 FT3/SK 13.77 GAL/SK
Pump Tail Cement	03/31/2012 04:05		5	30.6			208.0	SWIFTCM 120 SKS 14.2 PPG 1.43 FT3/SK 6.85 GAL/SK
Shutdown	03/31/2012 04:11							
Drop Top Plug	03/31/2012 04:19							PLUG AWAY NO PROBLEMS/USED 9 5/8" SWAGE
Pump Displacement	03/31/2012 04:20		5	47			283.0	FRESH WATER
Slow Rate	03/31/2012 04:30		2	10			230.0	GOT 25 BBLS OF CEMENT TO SURFACE
Bump Plug	03/31/2012 04:33		2	57			240.0	BUMPED PLUG

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Check Floats	03/31/2012 04:39			57			1232.0	FLOATS DID NOT HOLD
Bump Plug	03/31/2012 04:43		1	1			1200.0	REBUMP PLUG
Check Floats	03/31/2012 04:49			1			1200.0	FLOATS DID NOT HOLD/USED 20# SUGAR
Pressure Up	03/31/2012 04:51		0.5	0.5			220.0	LOCK IN PRESSURE AT 220 PSI
Release Casing Pressure	03/31/2012 04:52			0.5			.0	RELEASE PRESSURE ON LO-TORC VALUE
End Job	03/31/2012 04:54							THANKS FOR USING HES AND THE CREW OF MIKE MAGERS
Comment	03/31/2012 04:55							HES WAITING FOR THE NEXT AND LAST HOLE COMPLETION