

BILL BARRETT CORPORATION E-BILL
DO NOT MAIL-1099 18TH ST,STE 2300W
DENVER, Colorado

JOLLEY FED
JOLLEY FED 12C-20-691

PATTERSON 301

Post Job Summary

Cement Production Casing

Prepared for: DOUG MILLER
Date Prepared: 03/07/2010
Version: 1

Service Supervisor: MAGERS, MICHAEL

Submitted by:

HALLIBURTON

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2761475	Quote #:	Sales Order #: 7189546
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: Miller, Doug	
Well Name: JOLLEY FED		Well #: 12C-20-691	API/UWI #: 05-045-18958
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.517 deg. OR N 39 deg. 31 min. 2.719 secs.		Long: E 107.583 deg. OR E 107 deg. 34 min. 58.292 secs.	
Contractor: PATTERSON 301		Rig/Platform Name/Num: PATTERSON 301	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production 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 #
BRADY, JERED Austin	7.5	213392	DOU, JACOB J	7.5	430298	HONE, AARON D	1	381285
KUKUS, CHRISTOPHER A	14	413952	MAGERS, MICHAEL Gerard	14	339439	OLDS, RYAN John	1	418018
WEAVER, CARLTON Russell	1	457698	WHITE, EDWARD W	7.5	424173			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10053558	120 mile	10744648C	120 mile	10822535	120 mile	11259886	120 mile
10867304	120 mile	10998054	120 mile	10998508	120 mile	11381461	120 mile

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
03/07/2010	14	2						

TOTAL *Total is the sum of each column separately*

Job

Job Times

Formation Name	Date	Time	Time Zone
Formation Depth (MD) Top Bottom	Called Out	06 - Mar - 2010	21:30 MST
Form Type BHST	On Location	07 - Mar - 2010	03:00 MST
Job depth MD 7958. ft Job Depth TVD 7958. ft	Job Started	07 - Mar - 2010	15:00 MST
Water Depth Wk Ht Above Floor 5. ft	Job Completed	07 - Mar - 2010	16:56 MST
Perforation Depth (MD) From To	Departed Loc	07 - Mar - 2010	18:30 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
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Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 4 1/2, HWE, 3.65 MIN/4.14 MA	1	EA		
PORT. DAS W/CEMWIN; ACQUIRE W/HES, ZI	1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /JOB, ZI	1	JOB		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	4.5	1	
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers	4.5	1	

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		10.00	bbl	8.33	.0	.0	.0	
2	Super Flush		20.00	bbl	10.4	.0	.0	.0	
3	Water Spacer		10.00	bbl	8.33	.0	.0	.0	
4	Tail Cement	HALCEM (TM) SYSTEM (452986)	1005.0	sacks	13.1	1.49	6.33		6.33
5	Clayfix Displacment		123.00	bbl	.	.0	.0	.0	
Calculated Values		Pressures			Volumes				
Displacement	122.6	Shut In: Instant		Lost Returns	0	Cement Slurry	267	Pad	
Top Of Cement	UNKNOWN	5 Min		Cement Returns	0	Actual Displacement	122.3	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	429
Rates									
Circulating	RIG	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	44.87 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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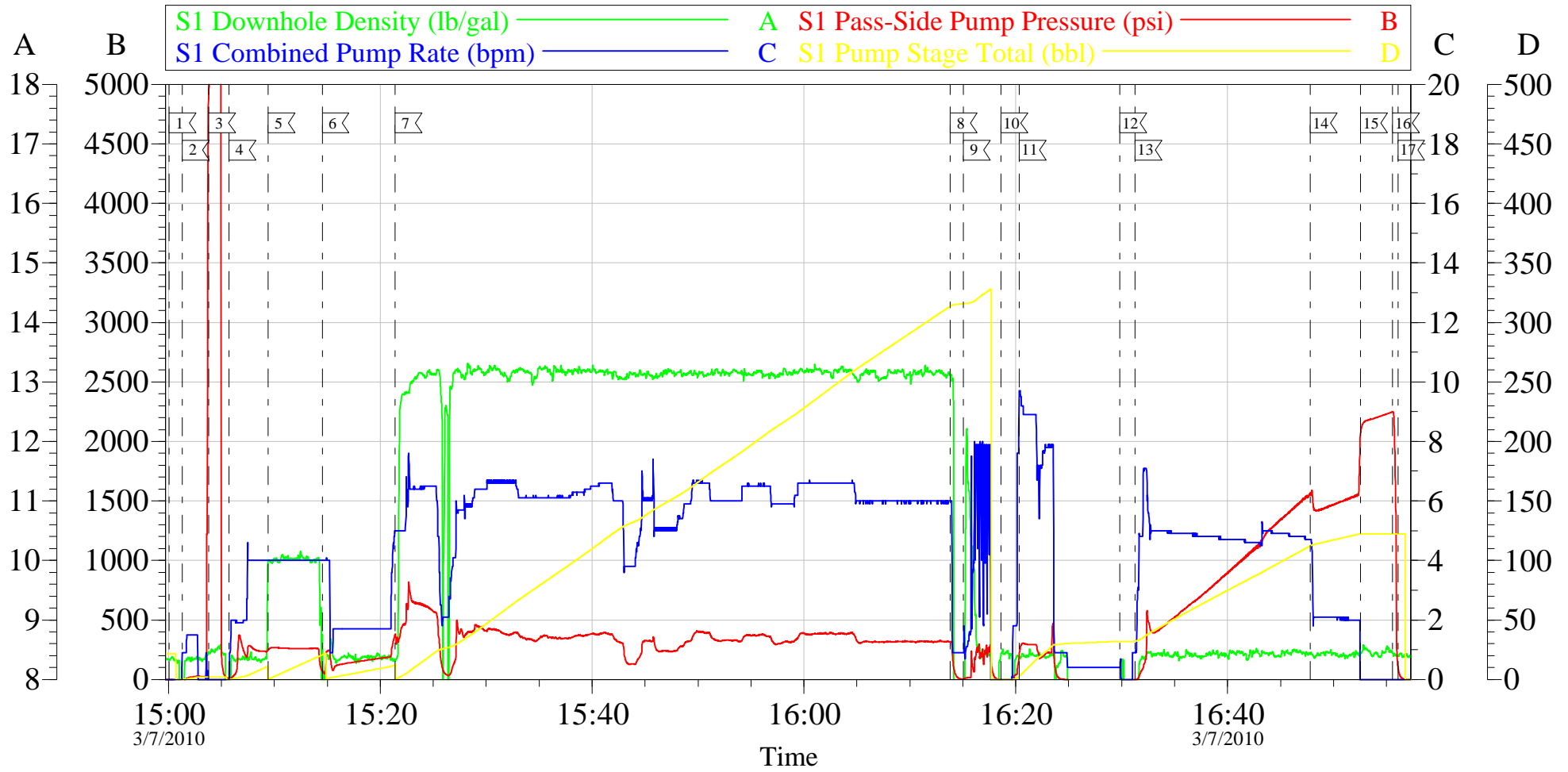
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Job Purpose: Cement Production Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: METLI, MARSHALL		Srvc Supervisor: MAGERS, MICHAEL	MBU ID Emp #: 339439

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Crew Leave Yard	03/07/2010 00:30							HES ALL PRESENT
Arrive At Loc	03/07/2010 03:00							RIG WAS HAVING PROBLEMS BRINGING OUT DRILL PIPE HAD 50 STANDS STILL TO PULL/THEN HAD TO RUN THEIR CASING INTO THE HOLE/RIG WAS GOING TO CIRCULATE TILL BOTTOMS UP ABOUT 45 MINUTES
Assessment Of Location Safety Meeting	03/07/2010 03:10							TRANSPORT ON LOCATION AT 3:00AM AARON, RUSTY, & RYAN LEFT LOCATION TO GO ON DAYS OFF. CALLED RELIEF AT 6:00 AM
Pre-Rig Up Safety Meeting	03/07/2010 13:50							WATER TEST PH-6.5 POT-7 IRON-0 HARDNESS-120 SULFATE-UNDER 200 TDS-840 TEMP-45
Rig-Up Equipment	03/07/2010 14:00							TD-7958 TP-7954 SJ-44.87 MW-10.0 CASING-4.5 11.6# N-80 OH- 4444' @ 8 3/4 3515' @ 7 7/8 SURFACE SET @ 821' PLUG CONTAINER-D0754

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Safety Huddle	03/07/2010 14:40							RIG CIRCULATED FOR 1 HOUR/ THEY DID NOT RECIPROCATATE BEFORE OR DURING THE JOB
Start Job	03/07/2010 15:00							
Other	03/07/2010 15:01		2	2			25.0	FILL LINES
Pressure Test	03/07/2010 15:03		0.5	0.5			5080.0	PSI TEST OK
Pump Spacer 1	03/07/2010 15:05		4	10			330.0	FRESH WATER
Pump Spacer 2	03/07/2010 15:09		4	10			260.0	SUPER FLUSH
Pump Spacer 1	03/07/2010 15:14		2	10			260.0	FRESH WATER
Pump Tail Cement	03/07/2010 15:21		5	266.7			652.0	1005 SKS 13.1 PPG 1.49 FT3/SK 6.33 GAL/SK MOUNTAIN G @ SAN JUAN 50-50
Shutdown	03/07/2010 16:13							
Clean Lines	03/07/2010 16:15		6	15				CLEAN LINES AND PUMPS
Drop Plug	03/07/2010 16:18							PLUG AWAY NO PROBLEM
Pump Displacement	03/07/2010 16:20		5	122.6			471.0	1.5 GAL CLAYFIX PER 10 BBLS FRESH WATER
Slow Rate	03/07/2010 16:27		0.4	32			200.0	LOST 4x4 CHECKED TO SEE WHATS WRONG WITH IT. THE WOOD CHUCK BROKE APART

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	03/07/2010 16:29			40				SWITCHED WATER LINE TO THE PS SUCKION HEADER FOR THE REST OF DISPLACEMENT. WAS UNABLE TO USE THE REST OF THE CLAYFIX. WENT OFF THE BARREL COUNTER TO LAND THE PLUG ASKED COMPANY REP IF THAT WAS OK INSTEAD OF TURNING DISPLACEMENT OVER TO THE RIG.
Pump Displacement	03/07/2010 16:31		5	40			1574.0	FRESH WATER DISPLACEMENT
Slow Rate	03/07/2010 16:47		2	113			1534.0	
Bump Plug	03/07/2010 16:52		2	122.3			1572.0	BUMPED PLUG
Check Floats	03/07/2010 16:55			122.3			2230.0	FLOATS HELD GOT 1 BBL BACK INTO DISPLACEMENT TANK
End Job	03/07/2010 16:56							HAD GOOD CIRCULATION TRHOUGHOUT JOB THANKS FOR USING HES AND THE CREW OF MIKE MAGERS TRANSPORT DONE WITH JOB AT 17:00

BILL BARRETT PATTERSON 301 PRODUCTION



Local Event Log								
1	START JOB	15:00:04	2	FILL LINES	15:01:18	3	PRESSURE TEST	15:03:47
4	PUMP SPACER	15:05:42	5	PUMP SUPERFLUSH	15:09:25	6	PUMP SPACER	15:14:31
7	PUMP TAIL CEMENT	15:21:23	8	SHUT DOWN	16:13:50	9	CLEAN LINES & PUMPS	16:15:04
10	DROP PLUG	16:18:36	11	PUMP CLAYFIX DISPLACEMENT	16:20:21	12	SHUT DOWN	16:29:51
13	PUMP FRSH WATER DISPLACEMENT	16:31:16	14	SLOW RATE	16:47:49	15	BUMP PLUG	16:52:33
16	CHECK FLOATS	16:55:34	17	END JOB	16:56:05			

Customer: BILL BARRETT PATTERSON 301	Job Date: 07-Mar-2010	Sales Order #: 7189546
Well Description: JOLLEY FED 12C-20-691	Job Type: PRODUCTION	ADC Used: YES
Company Rep: DOUG MILLER	Cement Supervisor: MIKE MAGERS	Elite #: 6 CHRIS KUKUS