

HALLIBURTON

iCem® Service

BP AMERICA PROD CO-SORAC/NAG EBIZ

For: MIKE COLBERT

Date: Saturday, May 30, 2015

BP AMERICA TUBBS 32-6-9 A SURFACE 902455429

Case 1

Job Date: Saturday, May 30, 2015

Sincerely, DAVID HAHN AND CREW

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The Road to Excellence Starts with Safety

Sold To #: 358135	Ship To #: 3658112	Quote #: 0022051767	Sales Order #: 0902455429
Customer: BP AMERICA PROD CO-SORAC/NAG EBIZ		Customer Rep: MIKE COLBERT	
Well Name: TUBBS 32-6-9 A	Well #: 2	API/UWI #: 05-067-09928-00	
Field: IGNACIO-BLANCO	City (SAP): IGNACIO	County/Parish: LA PLATA	State: COLORADO
Legal Description: SW NE-9-32N-6W-2478FNL-2240FEL			
Contractor: AZTEC WELL SERVICING CO		Rig/Platform Name/Num: AZTEC 507	
Job BOM: 7521			
Well Type: COAL DE-GAS			
Sales Person: HALAMERICA\HX38199		Srv Supervisor: David Hahn	
Job			

Formation Name	
Formation Depth (MD)	Top Bottom
Form Type	BHST
Job depth MD	699ft Job Depth TVD
Water Depth	Wk Ht Above Floor
Perforation Depth (MD)	From To

Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		8.625	8.097	24			0	728		728
Open Hole Section			12.25				0	735		735

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make
Guide Shoe	8.625			699		Top Plug	8.625	1	HES
Float Shoe	8.625					Bottom Plug	8.625		HES
Float Collar	8.625					SSR plug set	8.625		HES
Insert Float	8.625					Plug Container	8.625	1	HES
Stage Tool	8.625					Centralizers	8.625		HES

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 /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Fresh Water Spacer	Fresh Water Spacer	10	bbl	8.33					
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	

2	Lead Cement	VARICEM (TM) CEMENT	170	sack	12.3	2.42		5	13.58
13.58 Gal		FRESH WATER							
0.1250 lbm		POLY-E-FLAKE (101216940)							
0.10 %		FE-2 (100001615)							
5 lbm		KOL-SEAL, BULK (100064233)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Tail Cement	VARICEM (TM) CEMENT	100	sack	13.5	1.86		5	9.37
0.10 %		FE-2 (100001615)							
0.1250 lbm		POLY-E-FLAKE (101216940)							
9.37 Gal		FRESH WATER							
5 lbm		KOL-SEAL, BULK (100064233)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
4	Displacement	Displacement	43.5	bbl	8.33				
Cement Left In Pipe		Amount	ft	Reason				Shoe Joint	
Mix Water: pH ##		Mix Water Chloride: ## ppm			Mix Water Temperature: ## °F °C				
Cement Temperature: ## °F °C		Plug Displaced by: ## lb/gal kg/m ³ XXXX			Disp. Temperature: ## °F °C				
Plug Bumped? Yes/No		Bump Pressure: ##### psi MPa			Floats Held? Yes/No				
Cement Returns: ## bbl m ³		Returns Density: ## lb/gal kg/m ³			Returns Temperature: ## °F °C				
Comment									

Summary Report



Crew: _____

Job Start Date: 5/30/2015

Sales Order #: 0902455429

WO #: 0902455429


PO/AFE #: NA

Customer: BP AMERICA PROD CO-
SORAC/NAG EBIZ
UWI / API Number: 05-067-09928-00
Well Name: TUBBS 32-6-9 A
Well No: 2

Field: IGNACIO-BLANCO
County/Parish: LA PLATA
State: COLORADO
Latitude: 37.032289
Longitude: -107.504307
Sect / Twn / Rng: 9/32/6

Job Type: CMT SURFACE
CASING BOM
Service Supervisor: David Hahn
Cust Rep Name: MIKE COLBERT
Cust Rep Phone #:

Remarks:

The Information Stated Herein Is Correct	Customer Representative Signature 	Date 5-30-15
	Customer Representative Printed Name M. GILBERT	

2.0 Real-Time Job Summary

2.1 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	Comb Pump Rate (bbl/min)	Recirc Density (ppg)	Comments
Event	1	Call Out	Call Out	5/30/2015	01:00:00	USER					CALL OUT @ 1 AM ON LOCATION TIME OF 0800
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	5/30/2015	04:00:00	USER					
Event	3	Depart from Service Center or Other Site	Depart from Service Center or Other Site	5/30/2015	04:15:00	USER					
Event	4	Arrive at Location from Service Center	Arrive at Location from Service Center	5/30/2015	05:30:00	USER					
Event	5	Other	MEET WITH COMPANY MAN	5/30/2015	08:00:00	USER					
Event	6	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	5/30/2015	08:30:00	USER					
Event	7	Start Job	Start Job	5/30/2015	09:18:57	COM4	-16.70	8.52	0.00	8.22	
Event	8	Rig-Up Equipment	Rig-Up Equipment	5/30/2015	09:30:00	USER	-16.70	8.51	0.00	8.21	
Event	9	Rig-Up Completed	Rig-Up Completed	5/30/2015	09:45:00	USER	-19.70	8.50	0.00	8.20	
Event	10	Pre-Job Safety Meeting	Pre-Job Safety Meeting	5/30/2015	10:00:00	USER	-19.70	8.49	0.00	8.21	
Event	11	Test Lines	LOW TEST TO 250 PSI 5 MIN	5/30/2015	10:27:35	USER	223.30	8.28	0.00	8.21	
Event	12	Test Lines	HIGH TEST TO 2500 5 MIN	5/30/2015	10:33:14	USER	2486.30	8.44	0.00	8.18	
Event	13	Pump Spacer	10 BBL FRESH WATER	5/30/2015	10:39:29	USER	-12.70	7.78	1.10	8.20	
Event	14	Pump Lead Cement	PUMP 73 BBL LEAD @12.3 PPG	5/30/2015	10:47:53	USER	1.30	9.51	3.70	11.76	170 SKS 2.42 YEILD 13.58 WATER
Event	15	Pump Tail Cement	PUMP 33 BBL TAIL @ 13.5 PPG	5/30/2015	11:15:25	USER	52.30	13.50	3.90	13.53	100 SKS 1.86 YEILD 9.37 WATER) TOT 343.5FT

iCem® Service

(v. 4.1.107)

Created: Saturday, May 30, 2015

Event	16	Drop Plug	Drop Plug	5/30/2015	11:25:24	USER	5.30	14.08	0.00	0.00	
Event	17	Pump Displacement	PUMP 44 BBL DISPLACEMENT	5/30/2015	11:26:15	USER	-4.70	13.96	1.40	7.97	
Event	18	Shutdown	Shutdown	5/30/2015	11:38:23	USER	175.30	7.24	0.00	8.27	PUMPED 44 BBL CALCULATED DISPLACEMENT WAS 43.5 DIDNT BUMP PLUG 52 BBL CMT TO SURFACE
Event	19	Check Floats	Check Floats	5/30/2015	11:39:33	USER	46.30	7.25	0.00	8.27	CHECK FLOATS .5 BBL BACK FLOATS HOLDING
Event	20	Pre-Rig Down Safety Meeting	Pre-Rig Down Safety Meeting	5/30/2015	12:00:00	USER					
Event	21	Rig-Down Equipment	Rig-Down Equipment	5/30/2015	12:15:00	USER					
Event	22	Rig-Down Completed	Rig-Down Completed	5/30/2015	12:45:00	USER					
Event	23	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	5/30/2015	13:00:00	USER					
Event	24	Depart Location for Service Center or Other Site	Depart Location for Service Center or Other Site	5/30/2015	13:15:00	USER					

3.0 Attachments

3.1 Custom Results - Case 1.png

