

Well Name: BASHOR PC AA09-24

NO THIRD PARTY CEMENT TICKET.

Current PBTD:

Casing Detail:

Casing Description Surface	Run Date 3/2/2011 06:00	Set Depth (ftKB) 570.3	Cut Pull Date	Depth Cut Pull (ftKB)	Wellbore ORIGINAL HOLE	Centralizers 5	Scratchers 1 BASKET
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Casing Components

Joints	Item Description	Icon	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Length (ft)	Top (ftKB)	Bottom (ftKB)
12	Casing Joints	Casing (black)	8 5/8	8.097	24.00	J-55	ST&C	510.05	14.0	524.1
1	Float Collar	Float collar	8 5/8	8.097	24.00	J-55	ST&C	1.50	524.1	525.6
1	Casing Joints	Casing (black)	8 5/8	8.097	24.00	J-55	ST&C	43.25	525.6	568.8
1	Shoe	Casing shoe	8 5/8	8.097	24.00	J-55	ST&C	1.50	568.8	570.3

Cementing Job Details:

Description Surface Casing Cement	Type casing	String Surface, 570.3ftKB	Wellbore ORIGINAL HOLE
Cementing Start Date 3/2/2011 08:30	Cementing End Date 3/2/2011 09:30	Cementing Company BISON OIL WELL CEMENTING	
Comment ALL ADDITIVES PUMPED			

Cement Stage#1 Description:

Float Failed?	Plug Failed?	Full Return? Yes	Pipe Reciprocated?	Pressure Held (psi) 350.0
Stage Number 1	Top (ftKB) 14.0	Bottom (ftKB) 570.3	Cement Volume Return (bbl) 11.0	
Top Plug? Yes	Bottom Plug?	Initial Pump Rate (bbl/min) 5	Final Pump Rate (bbl/min) 3	
Average Pump Rate (bbl/min) 4	Final Pump Pressure (psi) 180.0	Plug Bump Pressure (psi) 350.0	Pressure Release Date 3/2/2011	

Comment

Cement Fluids

Preflush				
Fluid Type Preflush		Estimated Top (ftKB)	Estimated Bottom (ftKB)	Amount (sacks)
Class		Density (lb/gal) 8.40	Yield (ft³/sack)	Volume Pumped (bbl) 30.0
Excess (%)	Comment ALL ADDITIVES PUMPED			

Cement Fluid Additives

Add	Amount	Amount Units	Conc Unit	Conc	Type
KCL	30.0	bbl	%	2.0	

Tail

Fluid Type Tail		Estimated Top (ftKB) 14.0	Estimated Bottom (ftKB) 570.3	Amount (sacks) 271
Class TYPE III		Density (lb/gal) 15.20	Yield (ft³/sack) 1.27	Volume Pumped (bbl) 61.2
Excess (%) 43.0	Comment ALL ADDITIVES PUMPED			

Cement Fluid Additives

Add	Amount	Amount Units	Conc Unit	Conc	Type
BFLA 1			#/sk	0.25	
Type III Cement	271.0	sacks			
CaCl2			%	3.0	Accelerator

Displacement

Fluid Type		Estimated Top (ftKB)	Estimated Bottom (ftKB)	Amount (sacks)
Displacement		14.0	524.0	
Class		Density (lb/gal)	Yield (ft³/sack)	Volume Pumped (bbl)
		8.40		33.7
Excess (%)	Comment			
	ALL ADDITIVES PUMPED			

Cement Fluid Additives

Add	Amount	Amount Units	Conc Unit	Conc	Type
KCL	33.7	bbl	%	2.0	CLAY CONTROL