

Customer.

HALLIBURTON

iCem Service

CATAMOUNT ENERGY PARTNERS LLC

For: LARRY CANDELARIA

Date: Sunday, June 15, 2014

CAMPBELL 33-7-4 # 1H

CATAMOUNT, CAMPBELL 33-7-4 # 2H

Sincerely,

BRANDON WOOD

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 367830		Ship To #: 3286213		Quote #: 0021868527		Sales Order #: 0901432108				
Customer: CATAMOUNT ENERGY PARTNERS LLC				Customer Rep: Larry Candelaria						
Well Name: CAMPBELL 33-7-4		Well #: 1176		API/UWI #: 05-067-09908-00						
Field: IGNACIO BLANCO		City (SAP): IGN		County/Parish: LA PLATA		State: COLORADO				
Legal Description: SW SW-3-33N-7W-95FSL-1243FWL										
Contractor: AZTEC WELL		Rig/Platform Name/Num: AZTEC 507								
Job BOM: 7522										
Well Type: COAL DE-GAS										
Sales Person: HALAMERICA\HB50180				Srv Supervisor: Brandon Wood						
Job										
Formation Name										
Formation Depth (MD)		Top		Bottom						
Form Type				BHST						
Job depth MD		4107ft		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		H-40	0	517		0
Casing		5.5	4.892	17		J-55	0	4107		0
Open Hole Section			7.875				517	3465	0	0
Open Hole Section			7.875				3465	4114		0
Tools and Accessories										
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make		
Guide Shoe	5.5	1		4107	Top Plug	5.5	1	HES		
Float Shoe	5.5	1			Bottom Plug	5.5	1	HES		
Float Collar	5.5	1			SSR plug set	5.5	1	HES		
Insert Float	5.5	1			Plug Container	5.5	1	HES		
Stage Tool	5.5	1			Centralizers	5.5	1	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	Mud Flush III (Powder)	Mud Flush III	0	bbl	8.4					
42 gal/bbl		FRESH WATER								

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal
2	PRB Lead	HALCEM (TM) SYSTEM		sack	12.4	2.36		4	13.13
	94 lbm	CMT - STANDARD TYPE III - FINE , BULK (100012229)							
	13.17 Gal	FRESH WATER							
	0.40 %	FE-2 (100001615)							
	5 lbm	KOL-SEAL, BULK (100064233)							
	0.1250 lbm	POLY-E-FLAKE (101216940)							
3	PRB Lead	HALCEM (TM) SYSTEM		sack	12.4	2.36		4	13.13
	0.1250 lbm	POLY-E-FLAKE (101216940)							
	0.30 %	SUPER CBL, 50 LB PAIL (100003668)							
	94 lbm	CMT - STANDARD TYPE III - FINE , BULK (100012229)							
	0.40 %	FE-2 (100001615)							
	13.20 Gal	FRESH WATER							
	5 lbm	KOL-SEAL, BULK (100064233)							
4	PRB Tail	HALCEM (TM) SYSTEM	150	sack	13.5	1.86		4	9.37
	0.50 %	FE-2 (100001615)							
	5 lbm	KOL-SEAL, BULK (100064233)							
	0.1250 lbm	POLY-E-FLAKE (101216940)							
	9.39 Gal	FRESH WATER							
	94 lbm	CMT - STANDARD TYPE III - FINE , BULK (100012229)							
5	Displacement		0	bbl	11				
Cement Left In Pipe		Amount	44 ft		Reason			Shoe Joint	
Comment									

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CATAMOUNT, CAMPBELL 33-7-4 #4H

1.6 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	PS Pump Press (psi)	DH Density (ppg)	PS Pump Rate (bbl/min)	Pump Stg Tot (bbl)	Comment
Event	1	Start Job	Start Job	6/15/2014	13:47:00	COM5	86.00	8.40	2.00	1.8	5 1/2" 17 # CSG 4107.28 TP, 44.4 SJ, 4062.88 FC, 8 5/8" 24 # SURFACE @ 517 FT, 7 7/8 OH TO 4114'
Event	2	Test Lines	Test Lines	6/15/2014	13:48:12	COM5	3159.00	8.50	0.00	2.1	PRESSURE TEST GOOD TO 2982 PSI
Event	3	Pump Spacer 1	Pump Spacer 1	6/15/2014	13:52:09	COM5	2.00	0.11	1.00	0.0	PUMP 40 BBLS MUD FLUSH 3 SPACER
Event	4	Pump Lead Cement	Pump Lead Cement	6/15/2014	14:04:15	COM5	196.00	10.34	4.20	41.0	236 SKS, 2.36 YLD, 13.13 GAL/SK, 99.2 BBLS @ 12.4 #, 73.8 BBLS MIX WATER
Event	5	Pump Lead Cement	Pump Lead Cement	6/15/2014	14:30:48	COM5	51.00	12.29	4.50	117.2	175 SKS, 2.36 YLD, 13.13 GAL/SK, 73.6 BBLS @ 12.4 #, 54.7 BBLS MIX WATER
Event	6	Pump Tail Cement	Pump Tail Cement	6/15/2014	14:52:28	COM5	63.00	12.62	5.00	0.0	150 SKS, 1.86 YLD, 9.37 GAL/SK, 49.7 BBLS @ 13.5 #, 33.5 BBLS MIX WATER
Event	7	Shutdown	Shutdown	6/15/2014	15:04:26	USER	137.00	13.32	0.90	60.1	SHUTDOWN TO DROP PLUG AND WASH PUMPS AND LINES
Event	8	Drop Top Plug	Drop Top Plug	6/15/2014	15:04:45	USER	29.00	12.26	0.00	60.1	DROP PLUG, TATTLE TAIL INDICATED PLUG LEFT CONTAINER
Event	9	Clean Lines	Clean Lines	6/15/2014	15:04:54	USER	24.00	12.77	1.30	0.1	PUMPED 7 BBLS TO CLEAN LINES BEFORE DISPLACEMENT
Event	10	Pump Displacement	Pump Displacement	6/15/2014	15:06:52	COM5	12.00	8.08	1.30	0.0	CALCULATED 94.3 BBLS DISPLACEMENT, ACTUALLY PUMPED 94.9 BBLS TO BUMP PLUG
Event	11	Cement Returns to Surface	Cement Returns to Surface	6/15/2014	15:10:30	USER	314.00	8.41	5.00	17.9	CALCULATED 92.7 BBLS CEMENT TO SURFACE, ACTUALLY CIRCULATED 75 BBLS BACK.

HALLIBURTON

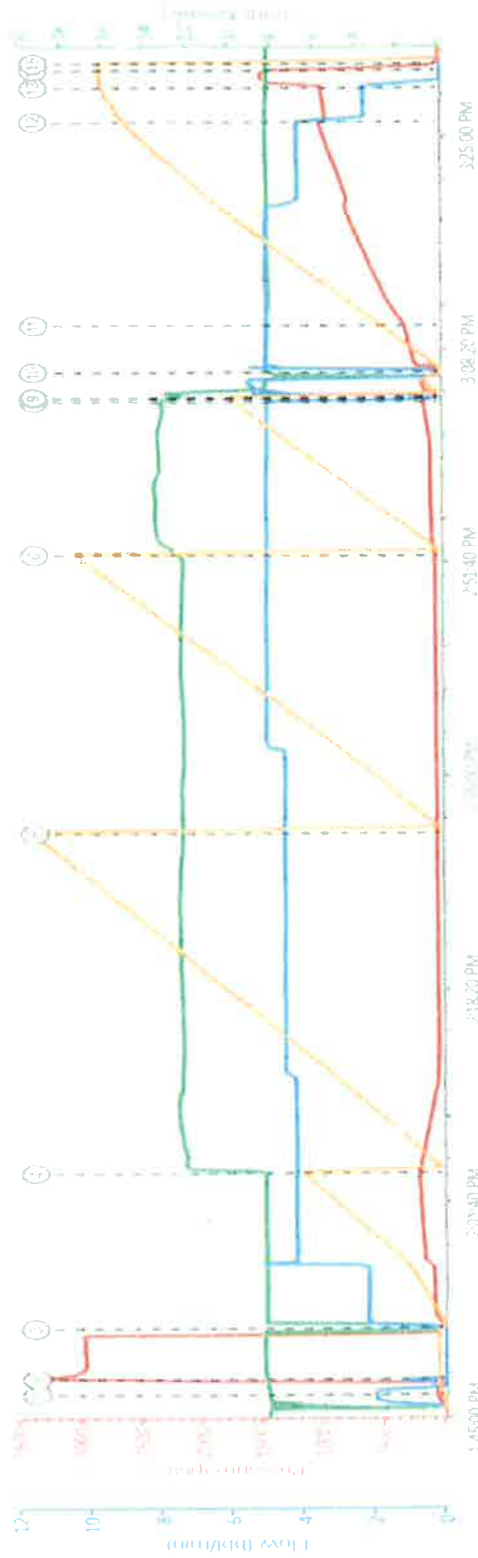
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Event	12	Slow Rate	Slow Rate	6/15/2014	15:26:29	USER	955.00	8.27	2.10	91.5	SLOW RATE TO 2 BPM TO BUMP PLUG
Event	13	Bump Plug	Bump Plug	6/15/2014	15:29:09	COM5	992.00	8.29	2.20	97.5	CALCULATED 946 PSI DIFFERENTIAL, PLUG BUMPED @ 992 PSI
Event	14	Check Floats	Check Floats	6/15/2014	15:30:30	USER	261.00	8.38	0.00	97.7	PRESSURED UP TO 1502, PSI, RELEASED PRESSURE, FLOATS HELD, FLOWED BACK .5 BBLs
Event	15	End Job	End Job	6/15/2014	15:31:02	COM5	4.00	8.30	0.00	0.0	

2.0 Attachments

2.1 CATAMOUNT, CAMPBELL 33-7-4 #1H, PRODUCTION.png

PRODUCTION



- Start Job
- Test Lines
- Pump Spacer 1
- Pump Lead Cement
- Pump Tail Cement
- Shutdown
- Drop Top Plug
- Clean Lines
- Cement Returns to Surface
- Bump Plug
- Check Floats
- End Job

HALLIBURTON

Well: CATAMOUNT 33-7-4 #1H
COMPANY MAN: JAPPY CAUDELA-PIA

Job Date: 6/15/2014 8:55:52 AM
Sales Order #: 901432108

Customer: CATAMOUNT ENERGY PARTNERS LLC
Representative: BFAIDOO, VIJENDRA

Edit