
ANTERO RESOURCES

**MCLIN B7
KOKOPELLI
Garfield County , Colorado**

Cement Surface Casing **11-Jun-2010**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 337854		Ship To #: 2786926		Quote #:		Sales Order #: 7416204	
Customer: ANTERO RESOURCES				Customer Rep: CANADY, JOE			
Well Name: MCLIN			Well #: B7		API/UWI #: 05-045-19379		
Field: KOKOPELLI		City (SAP): SILT		County/Parish: Garfield		State: Colorado	
Lat: N 39.531 deg. OR N 39 deg. 31 min. 51.42 secs.				Long: W 107.608 deg. OR W -108 deg. 23 min. 31.344 secs.			
Contractor: FRONTIER 12			Rig/Platform Name/Num: FRONTIER 12				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: METLI, MARSHALL			Srv Supervisor: MAIN, CHAD			MBU ID Emp #: 335770	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BLUST, CHARLES Thomas		386662	MAIN, CHAD R		335770	SALAZAR, PAUL Omar		445614

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
	100 mile	10867423	100 mile	10897797	100 mile	10897887	100 mile
10951248	100 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL	Total is the sum of each column separately							
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Job

Job Times

Formation Name					Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	11 - Jun - 2010	05:30 MST
Form Type	BHST				On Location	11 - Jun - 2010	11:00 MST
Job depth MD	1024. ft	Job Depth TVD	1024. ft	Job Started	11 - Jun - 2010	12:30	MST
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	11 - Jun - 2010	13:15	MST
Perforation Depth (MD)	From		To	Departed Loc	11 - Jun - 2010	15:00	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,8 5/8,HWE,7.20 MIN/8.09 MA	1	EA		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
PORT. DAS W/CEMWIN;ACQUIRE W/HES, 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			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
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	Freshwater Ahead		20.00	bbl	8.33	.0	.0	6.0		
2	VersaCem GJC085	VERSACEM (TM) SYSTEM (452010)	146.0	sacks	12.3	2.38	13.75	8.0	13.75	
13.75 Gal		FRESH WATER								
3	SwiftCem GJC138	SWIFTCES (TM) SYSTEM (452990)	113.0	sacks	14.2	1.43	6.88	8.0	6.72	
6.715 Gal		FRESH WATER								
4	FreshWater Displacement		59.00	bbl	8.33	.0	.0	8.0		
Calculated Values		Pressures		Volumes						
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		Avg. Job				
Cement Left In Pipe	Amount	0 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						

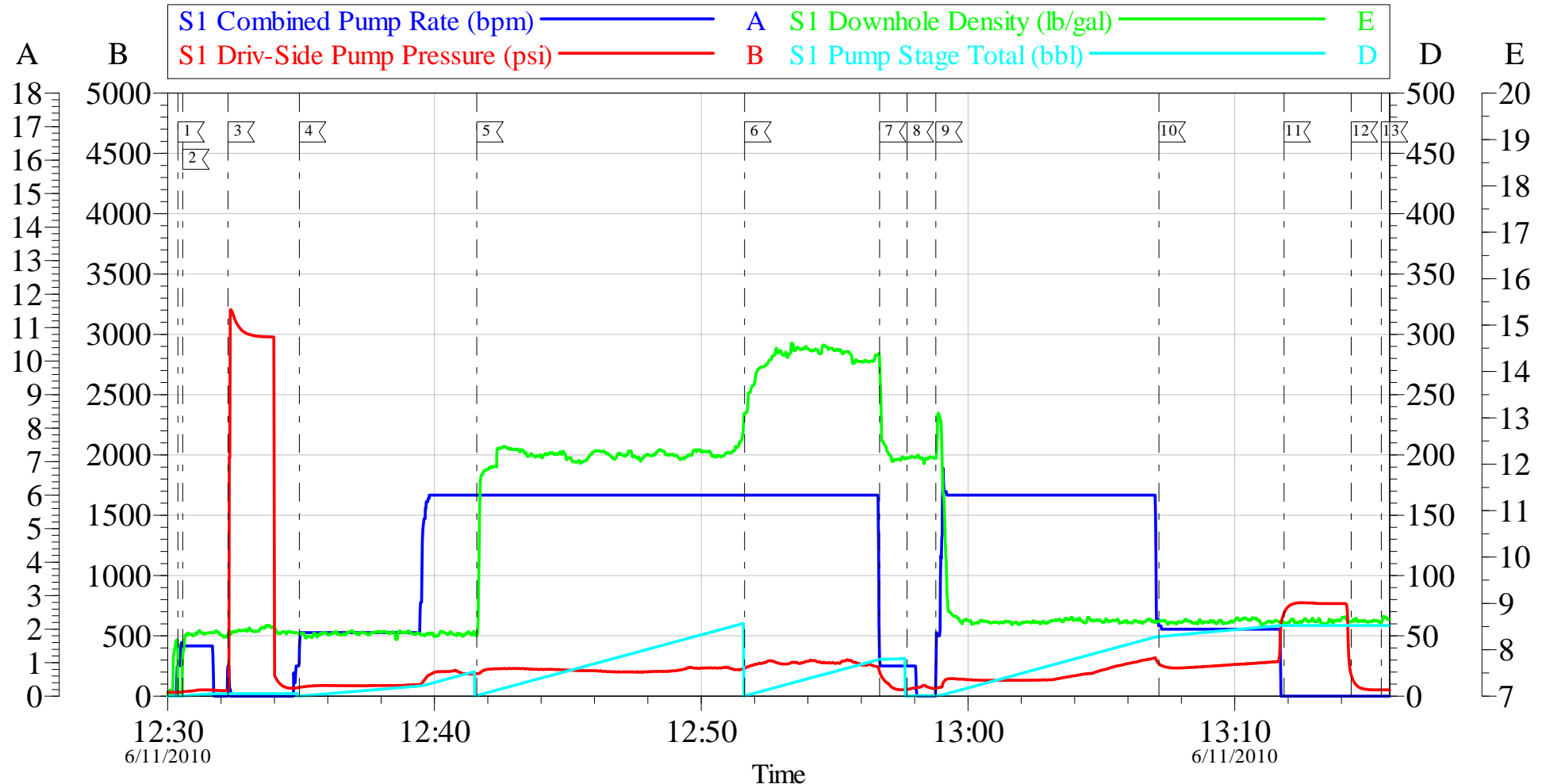
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Legal Description:							
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Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: METLI, MARSHALL			Srvc Supervisor: MAIN, CHAD			MBU ID Emp #: 335770	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Yard Safety Meeting	06/11/2010 07:30							ALL HES PERSONNEL
Depart from Service Center or Other Site	06/11/2010 07:45							ONE ELITE, ONE BULK TRUCKS, ONE PICK UP
Arrive At Loc	06/11/2010 11:00							RIG WAS RUNNING CASING WHEN HES ARRIVED
Assessment Of Location Safety Meeting	06/11/2010 11:10							LOCATION CLEAN
Pre-Rig Up Safety Meeting	06/11/2010 11:20							ALL HES PERSONNEL
Rig-Up Equipment	06/11/2010 11:30							
Rig-Up Completed	06/11/2010 12:10							
Pre-Job Safety Meeting	06/11/2010 12:20							ALL LOCATION PERSONNEL
Start Job	06/11/2010 12:30							TD 1024' 12 1/4" HOLE CSG 1013' 8 5/8 " 32# SJ 43.90" MUD 10 #
Pressure Test	06/11/2010 12:32						2500.0	
Pump Spacer 1	06/11/2010 12:34		2	20			48.0	H2O HES HAD FULL CIRCULATION ENTIRE JOB
Pump Lead Cement	06/11/2010 12:41		6	61.8			185.0	146 SKS AT 12.3 PPG 2.38 FT3/SK 13.75 GAL/SK
Pump Tail Cement	06/11/2010 12:51		6	28.7			240.0	113 SKS AT 14.2 PPG 1.43 FT3/SK 6.88 GAL/SK
Shutdown	06/11/2010 12:56							

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Top Plug	06/11/2010 12:57							
Pump Displacement	06/11/2010 12:58		6	59			148.0	H2O
Bump Plug	06/11/2010 13:11		2	59			280.0	HES RETURNED 10 BBLS OF CEMENT TO SURFACE
Check Floats	06/11/2010 13:14						710.0	FLOATS HELD
End Job	06/11/2010 13:15							
Pre-Rig Down Safety Meeting	06/11/2010 13:18							ALL HES PERSONNEL
Rig-Down Equipment	06/11/2010 13:25							
Rig-Down Completed	06/11/2010 14:30							NO ADD HRS OR DERRICK CHARGES
Depart Location Safety Meeting	06/11/2010 14:40							ALL HES PERSONNEL
Depart Location for Service Center or Other Site	06/11/2010 15:00							LOCATION WAS LEFT AS CLEAN AS IT WAS WHEN HES ARRIVED
Other	06/11/2010 15:01							THANK YOU FOR USING HALLIBURTON GRAND JUNCTION CHAD MAIN AND CREW

ANTERO
SURFACE



Local Event Log					
1	START JOB	12:30:23	2	FILL LINES	12:30:33
3	PRESSURE TEST	12:32:16	4	PUMP FRESH WATER	12:34:56
5	PUMP LEAD CEMENT	12:41:35	6	PUMP TAIL CEMENT	12:51:38
7	DROP PLUG	12:56:41	8	SHUTDOWN	12:57:43
9	START DISPLACEMENT	12:58:48	10	SLOWED RATE	13:07:09
11	BUMP PLUG	13:11:51	12	CHECK FLOATS	13:14:22
13	END JOB	13:15:29			

Customer:	ANTERO	Job Date:	11-Jun-2010	Sales Order #:	7416204
Well Description:	MCLIN B7	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	JOE CANADY	Cement Supervisor:	CHAD MAIN	Elite #:	9 PAUL SALAZAR