
FRAM OPERATING LLC

**MANSUR 33-1-K
WILDCAT
Mesa County , Colorado**

**Cement Surface Casing
01-Jun-2010**

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 359500		Ship To #: 2787151		Quote #:		Sales Order #: 7405170	
Customer: FRAM OPERATING LLC				Customer Rep: Mayland, Harold			
Well Name: MANSUR			Well #: 33-1-K			API/UWI #: 05-077-09475	
Field: WILDCAT		City (SAP): WHITEWATER		County/Parish: Mesa		State: Colorado	
Lat: N 38.965 deg. OR N 38 deg. 57 min. 52.668 secs.				Long: W 108.242 deg. OR W -109 deg. 45 min. 27.828 secs.			
Contractor: FRAM OPERATING			Rig/Platform Name/Num: FRAM OPERATING ELLENBERG 12				
Job Purpose: Cement Surface Casing							
Well Type: Development Well				Job Type: Cement Surface Casing			
Sales Person: DUNNING, DUSTIN				Srvc Supervisor: DANIEL, EVERETT		MBU ID Emp #: 337325	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
Creech, Steven	36	420183	Daniel, Everett	36	337325	DANIEL, EVERETT Dean	36	337325
Hayes, Dirk	36	336768						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10592964	20 mile	10744549	20 mile	10829465	20 mile	10871245	20 mile
11360881	20 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
05/31/10	24	0	6/1/10	8	3			
TOTAL	36	3	Total is the sum of each column separately					

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Job Type	Job depth MD	Water Depth	Perforation Depth (MD)	From	To
				BHST	500. ft				

Job Times

Called Out	Date	Time	Time Zone
	30 - May - 2010	19:00	MST
On Location	30 - May - 2010	21:30	MST
Job Started	01 - Jun - 2010	14:21	MST
Job Completed	01 - Jun - 2010	15:15	MST
Departed Loc	01 - Jun - 2010	16:30	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,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA		
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			
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	WATER SPACER		20	bbl	8.33	.0	.0	.0	
2	Tail Cement	VERSACEM (TM) SYSTEM (452010)	140	sacks	12.3	2.38	13.76		13.76
3	DISPLACEMENT		33.7	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	33.7	Shut In: Instant		Lost Returns		Cement Slurry	59.3	Pad	
Top Of Cement	Surface	5 Min		Cement Returns	16	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	
Rates									
Circulating	6	Mixing	6	Displacement	4	Avg. Job	5		
Cement Left In Pipe	Amount	43.56 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					

The Road to Excellence Starts with Safety

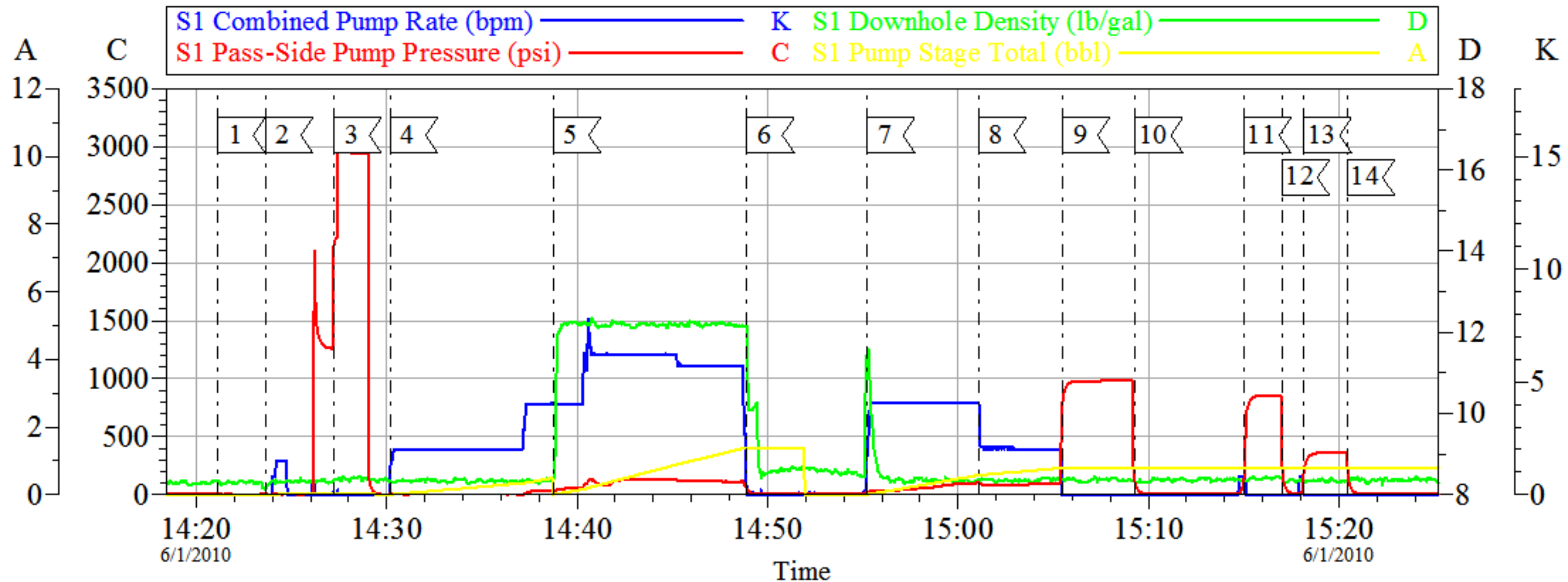
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Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DUNNING, DUSTIN		Srv Supervisor: DANIEL, EVERETT	MBU ID Emp #: 337325

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	05/30/2010 19:00							
Depart Yard Safety Meeting	05/30/2010 20:45							
Depart from Service Center or Other Site	05/30/2010 21:00							Checked out HES pump (Elite 9)-660
Arrive at Location from Service Center	05/30/2010 21:30							Crew arrived on location .5 hours early
Assessment Of Location Safety Meeting	05/30/2010 21:35							
Consult with Co. Rep	05/30/2010 21:45							Verified calculations and materials on location including H2O and Cement totals
Safety Meeting - Pre Rig-Up	05/30/2010 22:00							Discussed job procedures and safety issues
Rig-Up Equipment	05/30/2010 22:15							
Rig-Up Completed	05/30/2010 22:45							
Safety Meeting - Pre Job	06/01/2010 14:15							
Start Job	06/01/2010 14:21							
Prime Pumps	06/01/2010 14:23		2	1			25.0	Fresh water
Test Lines	06/01/2010 14:27		0.5	0.1			3000.0	Fresh water
Pump Spacer 1	06/01/2010 14:30		4	20			48.0	Fresh water
Pump Tail Cement	06/01/2010 14:35		6	59.3			149.0	140 sks of Versacem @ 12.3# - 2.38 yield - 13.75 H2O requirement

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	06/01/2010 14:48							
Drop Top Plug	06/01/2010 14:48							
Pump Displacement	06/01/2010 14:49		4	33.7			120.0	Fresh water
Slow Rate	06/01/2010 15:01		2	23			104.0	Slowed to 2 bpm
Bump Plug	06/01/2010 15:05		2	33.7			700.0	
Check Floats	06/01/2010 15:09							Floats did not hold
Bump Plug	06/01/2010 15:15							Re bumped
Check Floats	06/01/2010 15:17							Floats did not hold
Shut In Well	06/01/2010 15:18							Pressured up to 350 psi as per Co. Rep.
End Job	06/01/2010 15:20							
Safety Meeting - Pre Rig-Down	06/01/2010 15:30							
Rig-Down Equipment	06/01/2010 15:45							
Rig-Down Completed	06/01/2010 16:15							
Safety Meeting - Departing Location	06/01/2010 16:30							
Depart Location for Service Center or Other Site	06/01/2010 16:45							

FRAM

9 5/8 SURFACE



Local Event Log

1	Start Job	14:21:08	2	Prime Lines	14:23:39
3	Test Lines	14:27:14	4	Pump H2O Spacer	14:30:11
5	Pump Tail Cement	14:38:45	6	Shut Down/Drop Top Plug	14:48:55
7	Pump Displacement	14:55:15	8	Slow Rate	15:01:05
9	Bump Plug	15:05:29	10	Check Floats	15:09:19
11	Bump Plug	15:15:00	12	Check Floats	15:17:01
13	Pressure Up Well/Shut In	15:18:10	14	End Job	15:20:26

Customer: Fram
Well Description: Mansur 33-1-K
Co. Rep.

Job Date: 01-Jun-2010
Type Job: Surface
Pump Operator: Steven Creech

Sales Order #: 7405170
Cement Supervisor: Dean Daniel
Elite#: 8

OptiCem v6.4.9
01-Jun-10 15:54