
NOBLE ENERGY INC E-BUSINESS

**BM 35-13C
PARACHUTE
Garfield County , Colorado**

Cement Surface Casing
23-Nov-2010

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 2804867		Quote #:		Sales Order #: 7782103	
Customer: NOBLE ENERGY INC E-BUSINESS				Customer Rep: PORTER, LANCE			
Well Name: BM			Well #: 35-13C			API/UWI #: 05-045-19873	
Field: PARACHUTE		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado	
Lat: N 39.392 deg. OR N 39 deg. 23 min. 32.507 secs.				Long: W 107.972 deg. OR W -108 deg. 1 min. 40.285 secs.			
Contractor: H&P Drilling			Rig/Platform Name/Num: H&P 322				
Job Purpose: Cement Surface Casing							
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: METLI, MARSHALL			Srvc Supervisor: MAGERS, MICHAEL			MBU ID Emp #: 339439	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ANDERSON, ADAM S	7	456683	BORSZICH, STEPHEN A	7	412388	HAYES, JESSE Doug	7	403601
MAGERS, MICHAEL Gerard	7	339439						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10053558	60 mile	10744648C	60 mile	10867531	60 mile	10989685	60 mile
10998508	60 mile	11259886	60 mile	11381461	60 mile		

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11/23/2010	7	3.5						

TOTAL	Total is the sum of each column separately							
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Job

Formation Name						Date	Time	Time Zone		
Formation Depth (MD)		Top		Bottom		Called Out	22 - Nov - 2010	17:00	MST	
Form Type			BHST			On Location	23 - Nov - 2010	03:00	MST	
Job depth MD		3329. ft		Job Depth TVD		3329. ft	Job Started	23 - Nov - 2010	05:48	MST
Water Depth				Wk Ht Above Floor		5. ft	Job Completed	23 - Nov - 2010	09:21	MST
Perforation Depth (MD)		From		To		Departed Loc	23 - Nov - 2010	11:00	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
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
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	9.625	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	HES
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	Fresh Water Spacer		10.00	bbl	.	.0	.0	.0	
2	SUPER FLUSH 101	SUPER FLUSH 101 - SBM (12199)	20.00	bbl	10.	.0	.0	.0	
3	Water Spacer		10.00	bbl	8.33	.0	.0	.0	
4	Lead Cement	VERSACEM (TM) SYSTEM (452010)	919.0	sacks	12.3	2.32	11.8		11.8
11.8 Gal		FRESH WATER							
5	Tail Cement	VERSACEM (TM) SYSTEM (452010)	175.0	sacks	12.6	2.14	10.48		10.48
10.48 Gal		FRESH WATER							
6	Displacement		249.00	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	249	Shut In: Instant		Lost Returns	0	Cement Slurry	447	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	45	Actual Displacement	249	Treatment	
Frac Gradient		15 Min		Spacers	40	Load and Breakdown		Total Job	736
Rates									
Circulating	RIG	Mixing	4	Displacement	5/2	Avg. Job		4	
Cement Left In Pipe	Amount	39.9ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID		Frac ring # 2 @	ID		Frac Ring # 3 @	ID		Frac Ring # 4 @
The Information Stated Herein Is Correct				Customer Representative Signature					

The Road to Excellence Starts with Safety

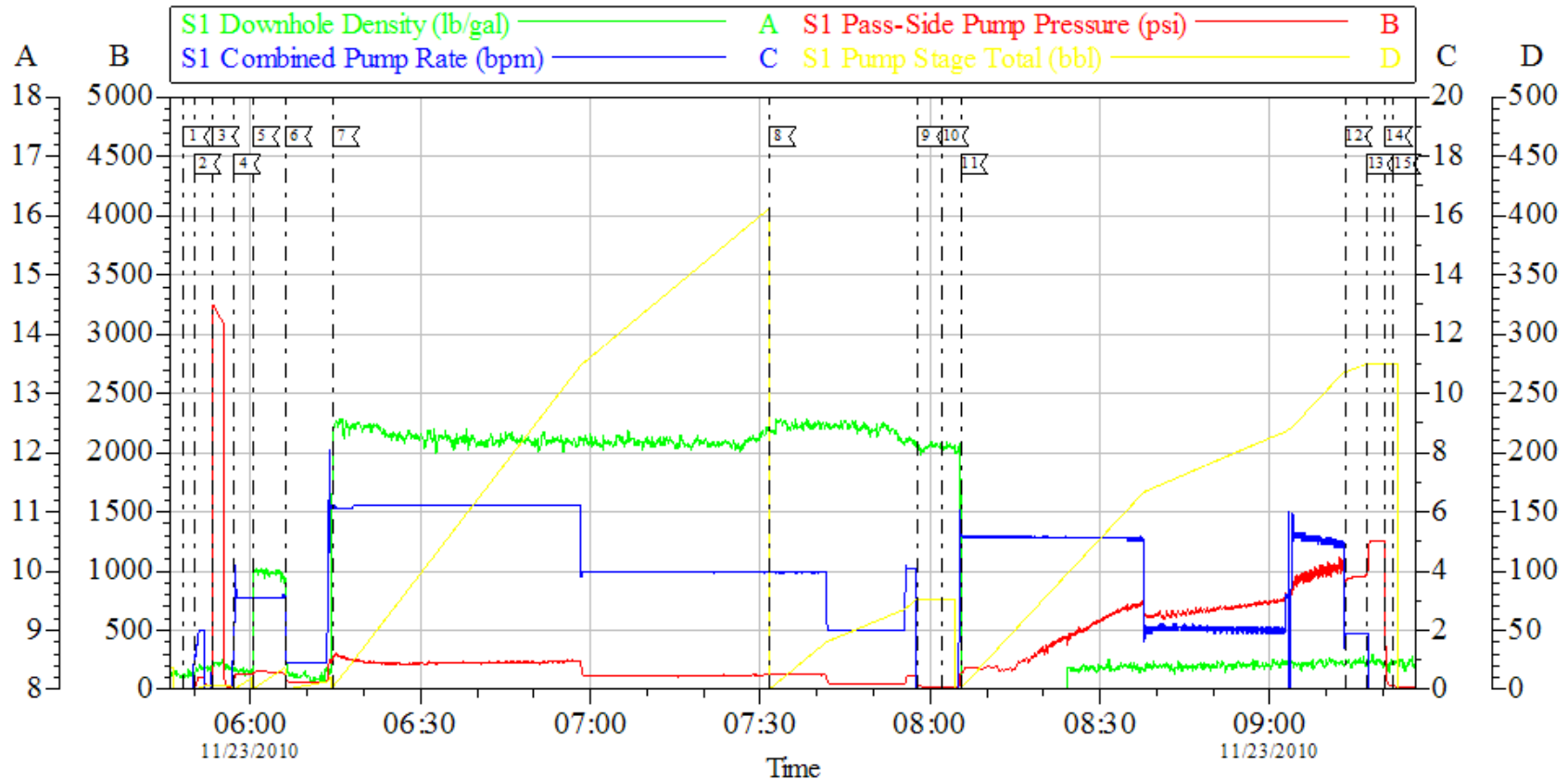
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Field: PARACHUTE	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.392 deg. OR N 39 deg. 23 min. 32.507 secs.		Long: W 107.972 deg. OR W -108 deg. 1 min. 40.285 secs.	
Contractor: H&P Drilling		Rig/Platform Name/Num: H&P 322	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srv Supervisor: MAGERS, MICHAEL	MBU ID Emp #: 339439

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Crew Leave Yard	11/22/2010 18:00							HES ALL PRESENT
Arrive At Loc	11/23/2010 03:00							TRANSPORT ON LOCATION AT 3:00 AM
Assessment Of Location Safety Meeting	11/23/2010 03:15							VERY TIGHT LOCATION/SNOWPACKED/COLD
Pre-Rig Up Safety Meeting	11/23/2010 03:45							JSA RIGGING ON RIGGING UP
Rig-Up Equipment	11/23/2010 04:00							TD-3329 TP-3324.3 SJ-39.9 MW-9.5 CASING- 9 5/8 40# J-55 OH-14 3/4"
Safety Huddle	11/23/2010 05:30							RIG CREW AND HES ALL PRESENT
Start Job	11/23/2010 05:48							
Other	11/23/2010 05:49		2	2			109.0	FILL LINES
Pressure Test	11/23/2010 05:53		0.5	0.5			3125.0	PSI TEST OK
Pump Spacer 1	11/23/2010 05:57		3	10			129.0	FRESH WATER
Pump Spacer 2	11/23/2010 06:00		3	20			151.0	SUPERFLUSH/TRANSPORT LEFT LOCATION AT 6:15 AM
Pump Spacer 1	11/23/2010 06:06		3	10			150.0	FRESH WATER
Pump Lead Cement	11/23/2010 06:14		4	379.7			248.0	919 SKS 12.3 PPG 2.32 FT3/SK 11.8 GAL/SK
Pump Tail Cement	11/23/2010 07:31		4	66.7			148.0	175 SKS 12.6 PPG 2.14 FT3/SK 10.48 GAL/SK
Shutdown	11/23/2010 07:57							

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Drop Plug	11/23/2010 08:02							PLUG AWAY NO PROBLEM
Pump Displacement	11/23/2010 08:05		5	249			1050. 0	FRESH WATER
Slow Rate	11/23/2010 09:13		2	239			940.0	GOT 45 BBLS OF CEMENT TO SURFACE
Bump Plug	11/23/2010 09:17		2	249			980.0	PLUG BUMPED
Check Floats	11/23/2010 09:20			249			1260. 0	FLOATS HELD/GOT 1.5 BBLS BACK INTO DISPLACEMENT TANK
End Job	11/23/2010 09:21							HAD GOOD CIRCULATION THROUGHOUT JOB/THANKS FOR USING HES AND THE CREW OF MIKE MAGERS

NOBLE H&P 322

SURFACE



Local Event Log

1 START JOB	05:48:13	2 FILL LINES	05:49:59	3 PRESSURE TEST	05:53:15
4 PUMP SPACER	05:57:01	5 PUMP SUPERFLUSH	06:00:25	6 PUMP SPACER	06:06:08
7 PUMP LEAD CEMENT	06:14:29	8 PUMP TAIL CEMENT	07:31:32	9 SHUTDOWN	07:57:38
10 DROP PLUG	08:02:05	11 PUMP FRSH/WTR DISPLACEMENT	08:05:23	12 SLOW RATE	09:13:18
13 BUMP PLUGS	09:17:07	14 CHECK FLOATS	09:20:21	15 END JOB	09:21:47

Customer: NOBLE H&P 322
Well Description: BM 35-13C
Company Rep: LANCE PORTER

Job Date: 23-Nov-2010
Job Type: SURFACE
Cement Supervisor: MIKE MAGERS

Sales Order #: 7782103
ADC Used: YES
Elite #: 6 STEVE BORSZICH

OptiCem v6.3.4
23-Nov-10 09:33