
NOBLE ENERGY INC E-BUSINESS

**Federal 7-41A
PARACHUTE
Garfield County , Colorado**

**Cement Surface Casing
11-Sep-2010**

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2806601	Quote #:	Sales Order #: 7609861
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: HEARD, SHANE	
Well Name: Federal		Well #: 7-41A	API/UWI #: 05-045-19138
Field: PARACHUTE	City (SAP): Parachute	County/Parish: Garfield	State: Colorado
Lat: N 39.382 deg. OR N 39 deg. 22 min. 54.052 secs.		Long: W 108.026 deg. OR W -109 deg. 58 min. 25.237 secs.	
Contractor: H&P 322		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: 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	BROWN, TRAVIS A		396848	JENKINS, DEMON Lashaun		457892
MAIN, CHAD R		335770						

Equipment

HES Unit #	Distance-1 way						
10248057	60 mile	10551730C	60 mile	10804487	60 mile	10867304	60 mile
10951244	60 mile	10998054	60 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

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					10 - Sep - 2010	23:00	MST
Form Type			BHST	On Location	11 - Sep - 2010	01:30	MST
Job depth MD	1520.3 ft		Job Depth TVD	1520.3 ft	11 - Sep - 2010	03:30	MST
Water Depth			Wk Ht Above Floor	. ft	11 - Sep - 2010	04:28	MST
Perforation Depth (MD)	From		To		Departed Loc	11 - Sep - 2010	06:00

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

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		
PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB		
R/A DENSOMETER W/CHART RECORDER,/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		20.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	208.0	sacks	12.3	2.38	13.75		13.75
		13.75 Gal FRESH WATER							
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	137.0	sacks	12.8	2.11	11.75		11.75
		11.75 Gal FRESH WATER							
4	DISPLACEMENT		94.00	bbl	8.33	.0	.0	.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					

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2806601	Quote #:	Sales Order #: 7609861
Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: HEARD, SHANE	
Well Name: Federal		Well #: 7-41A	API/UWI #: 05-045-19138
Field: PARACHUTE	City (SAP): Parachute	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.382 deg. OR N 39 deg. 22 min. 54.052 secs.		Long: W 108.026 deg. OR W -109 deg. 58 min. 25.237 secs.	
Contractor: H&P 322		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		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	09/10/2010 22:50							ALL HES PERSONNEL CREW ROLLED OVER
Depart from Service Center or Other Site	09/10/2010 23:00							ONE ELITE, TWO BULK TRUCKS, ONE PICK UP
Arrive At Loc	09/11/2010 01:30							RIG WAS RUNNING CASING WHEN HES ARRIVED NO ADD HRS, PLUG CONTAINER, QUICK LATCH, AND DERRICK CHARGES
Assessment Of Location Safety Meeting	09/11/2010 01:35							LOCATION CLEAN NO TICKET DONE DUE TO CEMENT CHARGES WILL CORRECT AND BRING OUT ON NEXT JOB
Pre-Rig Up Safety Meeting	09/11/2010 01:40							ALL HES PERSONNEL
Rig-Up Equipment	09/11/2010 01:45							CUSTOMER SAID THAT HES BROUGHT OUT THE WRONG AMOUNT OF CEMENT LEAD SHOULD HAVE BEEN 208 SKS AND WE BROUGHT OUT 226 SK AND TAIL SHOULD HAVE BEEN 127 SKS PLUS 10 SKS FOR TOP OUT WE BROUGHT OUT 147 SKS
Rig-Up Completed	09/11/2010 02:35							HES RETURNED 28 SKS OF CEMENT TO YARD

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Start Job	09/11/2010 02:39							TOP OUT JOB ON LAST WELL 1" SET 20' DOWN
Pump Spacer 1	09/11/2010 02:40		1	1			18.0	H2O
Pump Cement	09/11/2010 02:41		1	3.7			29.0	10 SKS AT 12.8 PPG 2.11 FT3/SK 11.75/GAL/SK
Clean Lines	09/11/2010 02:47		1	0.7			38.0	H2O
Shutdown	09/11/2010 02:48							HES RETURNED 1 BBLs OF CEMENT BACK TO SURFACE
Other	09/11/2010 02:49							WAIT TO PUMP NEXT JOB
Pre-Job Safety Meeting	09/11/2010 03:20							ALL LOCATION PERSONNEL
Start Job	09/11/2010 03:28							TD 1530' CSG 1520.31' SJ 44.44' MUD 9.2 PPG OFF LINE CEMENT JOB PUMPING THROUGH A SWAGE
Pressure Test	09/11/2010 03:31						2500. 0	
Pump Spacer 1	09/11/2010 03:33		2	20			50.0	H2O HES HAD FULL CIRCULATION ENTIRE JOB
Pump Lead Cement	09/11/2010 03:41		6	88.1			217.0	208 SKS AT 12.3 PPG 2.37 FT3/SK 13.76 GAL/SK
Pump Tail Cement	09/11/2010 03:56		6	47.7			147.0	127 SKS AT 12.8 PPG 2.11 FT3/SK 11.75 GAL/SK
Shutdown	09/11/2010 04:03							
Drop Top Plug	09/11/2010 04:06							
Pump Displacement	09/11/2010 04:09		8	93.8			50.0	H2O
Bump Plug	09/11/2010 04:25		2	93.8			333.0	HES RETURNED 9 BBLs OF CEMENT TO SURFACE
Check Floats	09/11/2010 04:27						823.0	FLOATS HELD
End Job	09/11/2010 04:28							

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Rig Down Safety Meeting	09/11/2010 04:30							ALL HES PERSONNEL
Rig-Down Equipment	09/11/2010 04:45							
Rig-Down Completed	09/11/2010 05:30							
Depart Location Safety Meeting	09/11/2010 05:45							ALL HES PERSONNEL
Depart Location for Service Center or Other Site	09/11/2010 06:00							LOCATION WAS LEFT AS CLEAN AS IT WAS WHEN HES ARRIVED
Other	09/11/2010 06:01							THANK YOU FOR USING HALLIBURTON GRAND JUNCTION CHAD MAIN AND CREW