
NOBLE ENERGY INC E-BUSINESS

**Federal 6-44D
S. Grand Valley
Garfield County , Colorado**

**Cement Surface Casing
09-Sep-2010**

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 345242		Ship To #: 2804022		Quote #:		Sales Order #: 7610501							
Customer: NOBLE ENERGY INC E-BUSINESS				Customer Rep: Nielson, Dave									
Well Name: Federal			Well #: 6-44D			API/UWI #:							
Field: S. Grand Valley		City (SAP): PARACHUTE		County/Parish: Garfield		State: Colorado							
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: Rockert, Christopher			MBU ID Emp #: 332914							
Job Personnel													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
HAYES, JESSE Doug	4	403601	Rockert, Christopher	4	332914	SALAZAR, PAUL Omar	4	445614					
Equipment													
HES Unit #	<i>Distance-1 way</i>	HES Unit #	<i>Distance-1 way</i>	HES Unit #	<i>Distance-1 way</i>	HES Unit #	<i>Distance-1 way</i>						
10296152C	60 mile	10829469	60 mile	10867531	60 mile	10897797	60 mile						
10989685	60 mile												
Job Hours													
Date	<i>On Location Hours</i>	Operating Hours	Date	<i>On Location Hours</i>	Operating Hours	Date	<i>On Location Hours</i>	Operating Hours					
9/9/10	2	0	9/10/10	2	1.5								
TOTAL			<i>Total is the sum of each column separately</i>										
Job				Job Times									
Formation Name						Date	Time	Time Zone					
Formation Depth (MD)	Top	Bottom				Called Out	09 - Sep - 2010	18:00	MST				
Form Type		BHST				On Location	09 - Sep - 2010	22:00	MST				
Job depth MD		1523. ft	Job Depth TVD		1523. ft	Job Started	09 - Sep - 2010	00:00	MST				
Water Depth		Wk Ht Above Floor		. ft		Job Completed	09 - Sep - 2010	00:00	MST				
Perforation Depth (MD)		<i>From</i>	<i>To</i>				Departed Loc	10 - Sep - 2010	00:00	MST			
Well Data													
<i>Description</i>	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						
Tools and Accessories													
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	8.625	1	
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 ft³/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk		

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Spacer		20	bbl	8.33	.0	.0	.0	
2	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	190	sacks	12.3	2.38	13.75		13.75
	13.75 Gal	FRESH WATER							
3	VersaCem Tail Cement	VERSACEM (TM) SYSTEM (452010)	117	sacks	12.8	2.11	11.75		11.75
	11.75 Gal	FRESH WATER							
4	Displacement		94.2	bbl	8.33	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	94.2	Shut In: Instant		Lost Returns	NO	Cement Slurry	124.5	Pad	
Top Of Cement	?????	5 Min		Cement Returns	0	Actual Displacement	94.2	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	245
Rates									
Circulating	RIG	Mixing	6	Displacement	6	Avg. Job	6		
Cement Left In Pipe	Amount	42.1ft	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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Customer: NOBLE ENERGY INC E-BUSINESS		Customer Rep: Nielson, Dave	
Well Name: Federal		Well #: 6-44D	API/UWI #:
Field: S. Grand Valley	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 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		Srvc Supervisor: Rockert, Christopher	MBU ID Emp #: 332914

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	09/09/2010 18:00							TD-1533/ TP-1523/ SHOE-42.1/ MUD-9.2/ HOLE-12.25
Arrive At Loc	09/09/2010 22:00							STILL RUNNING CASING WHEN WE SHOWED UP ON LOCATION
Rig-Up Equipment	09/09/2010 22:15							RIG UP IN CELLAR, OFFLINE CEMENT JOB
Pump Lead Cement	09/10/2010 01:00		6		80.5		175.0	190 SKS/ 2.38 YIELD/ 13.75 GAL-SK 12.3 PPG
Pump Tail Cement	09/10/2010 01:14		6		44		130.0	117 SKS/ 2.11 YIELD/ 11/75 GAL-SK 12.8 PPG
Shutdown	09/10/2010 01:21							KNOCKED OFF SWAGE TO DROP PLUG
Drop Top Plug	09/10/2010 01:24							PLUG AWAY
Pump Displacement	09/10/2010 01:27		6				90.0	FRESH WATER
Slow Rate	09/10/2010 01:46		2		80		180.0	
Bump Plug	09/10/2010 01:52		2		94.2		830.0	PRESSURED UP TO 830 PSI ON FLOATS
Check Floats	09/10/2010 01:57							FLOATS HELD, 1/2 BBL BACK
End Job	09/10/2010 02:00							NEVER SAW CEMENT TO SURFACE GOT SPACER BACK WITH TRACES OF CEMENT IN IT. GOING TO WAIT TO DETERMINE IF TOPOUT IS NEEDED.
Rig-Down Equipment	09/10/2010 02:15							GOOD CIRCULATION THROUGHOUT JOB

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Depart Location for Service Center or Other Site	09/10/2010 04:30							THANK YOU FOR USING HALLIBURTON CHRIS ROCKERT AND CREW
Pre-Job Safety Meeting	09/10/2010 12:15							USED A SWAGE TO PUMP THROUGH
Start Job	09/10/2010 12:45							
Pump Water	09/10/2010 12:50		1		1		41.0	WATER AHEAD TO FILL LINES
Test Lines	09/10/2010 12:50						4800.0	NO LEAKS
Pump Spacer	09/10/2010 12:54		6		20		163.0	FRESH WATER, CIRCULATION ESTABLISHED