
NOBLE ENERGY INC E-BUSINESS

**Swan E 28-8
WATTENBERG
Weld County , Colorado**

**Recement Service
03-Dec-2012**

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 345242	Ship To #: 2966500	Quote #:	Sales Order #: 900045669
Customer: NOBLE ENERGY INC E-BUSINESS	Customer Rep: HOHNSTEIN, CHRIS		
Well Name: Swan	Well #: E 28-8	API/UWI #: 05-123-16654	
Field: WATTENBERG	City (SAP): UNKNOWN	County/Parish: Weld	State: Colorado
Lat: N 40.459 deg. OR N 40 deg. 27 min. 32.702 secs.	Long: W 104.661 deg. OR W -105 deg. 20 min. 19.46 secs.		
Contractor: Leed	Rig/Platform Name/Num:		
Job Purpose: Recement Service			
Well Type: Development Well	Job Type: Recement Service		
Sales Person: AARON, WESLEY	Srv Supervisor: SNYDER, JONATHAN	MBU ID Emp #: 435616	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CHISLUM, DENNIS	3.0	512130	HALE, ROBERT E	3.0	470588	SIMS, DENNIS A	3.0	158880
SNYDER, JONATHAN Leroy	3.0	435616						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11341988C	34 mile	11518548	34 mile	11562546C	34 mile	11566182	34 mile
12010167	34 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
12/3/2012	3	1						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Water Depth	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST	450. ft					03 - Dec - 2012	04:00	MST	
										03 - Dec - 2012	07:30	MST	
										03 - Dec - 2012	08:59	MST	
										03 - Dec - 2012	09:45	MST	
										03 - Dec - 2012	10:30	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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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
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Stage/Plug #: 1	Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom
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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	15.8# Cement	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)	300.0	sacks	15.8	1.15	4.99		4.99
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)							
	4.989 Gal	FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	1	Shut In: Instant		Lost Returns		Cement Slurry	61	Pad	
Top Of Cement	0	5 Min		Cement Returns	8	Actual Displacement	1	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating	2	Mixing		2	Displacement	2	Avg. Job		2
Cement Left In Pipe	Amount	0 ft	Reason						
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					

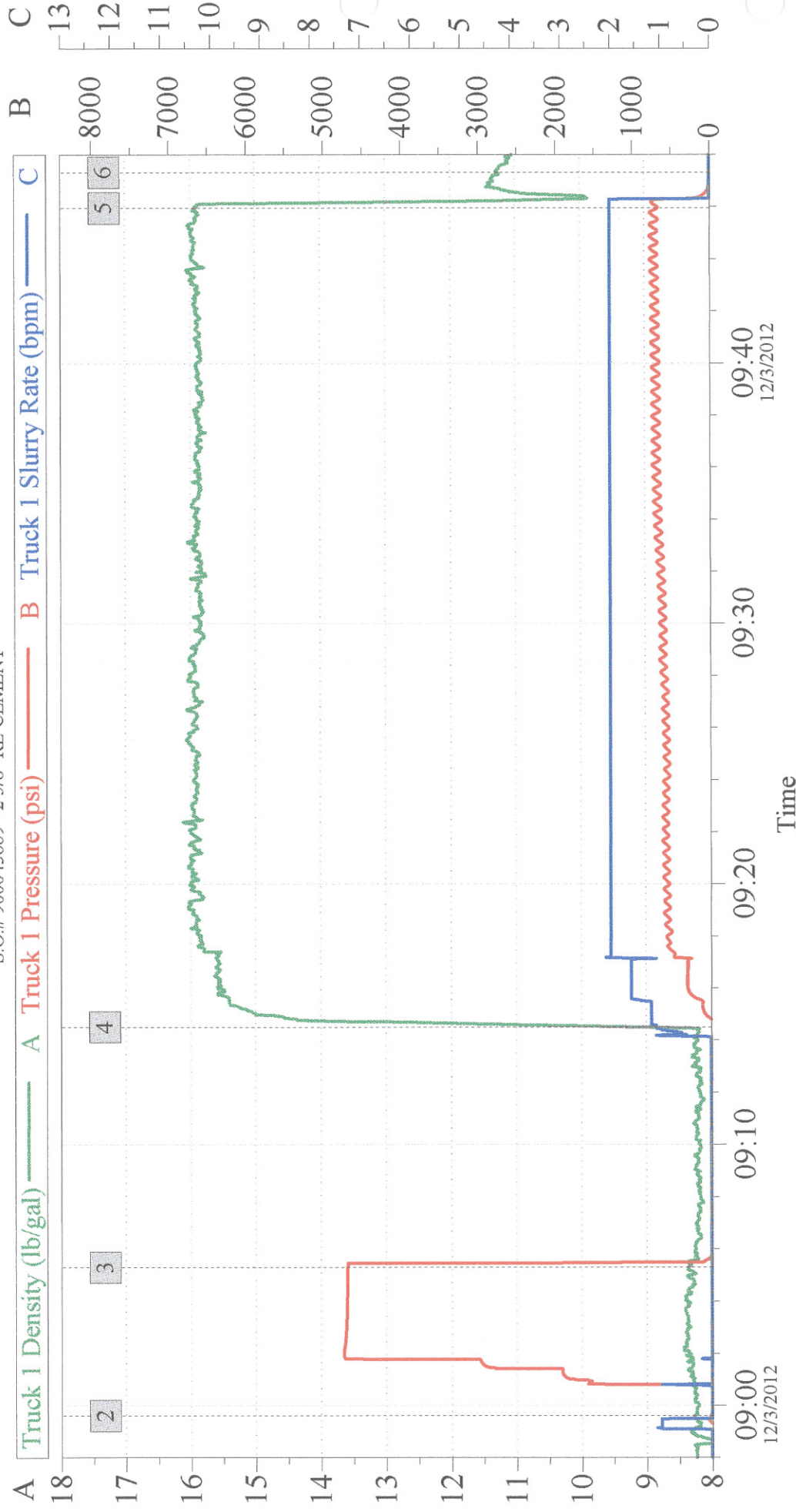
The Road to Excellence Starts with Safety

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Well Name: Swan			Well #: E 28-8			API/UWI #: 05-123-16654	
Field: WATTENBERG		City (SAP): UNKNOWN		County/Parish: Weld		State: Colorado	
Legal Description:							
Lat: N 40.459 deg. OR N 40 deg. 27 min. 32.702 secs.				Long: W 104.661 deg. OR W -105 deg. 20 min. 19.46 secs.			
Contractor: Leed			Rig/Platform Name/Num:				
Job Purpose: Recement Service					Ticket Amount:		
Well Type: Development Well			Job Type: Recement Service				
Sales Person: AARON, WESLEY			Srvc Supervisor: SNYDER, JONATHAN			MBU ID Emp #: 435616	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	12/03/2012 07:30							ARRIVED AND CONDUCTED A HAZARD HUNT AND FOUND NO HAZARDS THAT CONFLICT WITH US RIGGING UP EQUIPMENT.
Pre-Job Safety Meeting	12/03/2012 08:30							HELD SAFETY MEETING WITH ALL EMPLOYEES AND ALL THIRD PARTY PERSONEL PRIOR TO PUMPING THE CEMENT JOB.
Test Lines	12/03/2012 08:59							PRESSURE TEST LINES TO 4697 PSI
Pump Cement	12/03/2012 09:15		2	61			413.3	300 SKS PREMIUM G NEAT MIXED @ 15.8 PPG W/ RIG WATER
Pump Displacement	12/03/2012 09:45		2	1			232.3	W/ RIG WATER
End Job	12/03/2012 09:47							WE GOT CMT BACK TO SURFACE 53 BBLs OF CEMENT GONE SO WE JUST PUMPED THE REMAINDER OFF THE TRUCK
Pre-Rig Down Safety Meeting	12/03/2012 09:55							HELD SAFETY MEETING WITH ALL EMPLOYEES PRIOR TO RIGGING DOWN AND DISCUSSED ALL HAZARDS WHILE RIGGING DOWN EQUIPMENT.
Start Job	12/03/2012 09:58							

Cementing Job Log

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	12/03/2012 10:30							HELD SAFETY MEETING PRIOR TO LEAVING LOCATION AND DISCUSSED ALL POTENTIAL HAZARDS WHILE DRIVING BACK TO THE SERVICE CENTER.



Global Event Log					
Intersection	TID	TIP	Intersection	TID	TIP
2 Start Job	08:59:36	8.260	3 Test Lines	09:05:17	8.350
4 Pump Cement @ 15.8#	09:14:31	9.065	5 Pump Displacement	09:45:56	15.93
6 End Job	09:47:19	11.27			676.5

Customer:	NOBLE	Job Date:	03-Dec-2012	Sales Order #:	900045669
Well Description:	2 3/8" RE-CEMENT	UWI:	05-123-16654		
	SERVICE SUPERVISOR JONATHAN SNYDER		SERVICE OPERATOR BOB HALE		

Field Ticket

Field Ticket Number: 900045669		Field Ticket Date: Monday, December 03, 2012	
Bill To: NOBLE ENERGY INC E-BUSINESS DO NOT MAIL-100 GLENBOROUGH DR HOUSTON, TX 77067-3610		Job Name: Swan Order Type: Streamline Order (ZOH) Well Name: Swan E 28-8 Company Code: 1100 Customer PO No.: NA Shipping Point: Brighton, CO, USA Sales Office: Rocky Mountains BD Well Type: Well Category:	
Ship To: NOBLE ENERGY INC E-BUSINESS Swan, E 28-8 2966500 UNKNOWN,			

Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
14099	CMT RECEMENT BOM	1	JOB	0.00	0.00	0.00		0.00
3965	HANDLE&DUMP SVC CHRГ, CMT&ADDITIVES,ZI	300	CF	0.00	5.49	1,647.00	60%	658.80
	NUMBER OF EACH	1						
76400	ZI MILEAGE,CMT MTLS DEL/RET MIN	34	MI	0.00	3.35	1,605.99	60%	642.40
	NUMBER OF TONS	14.1						
7	ENVIRONMENTAL CHARGE,/JOB,ZI	1	JOB	0.00	134.00	134.00		134.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	0.00	83.00	83.00		83.00
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	0.00	241.00	482.00		482.00
2	MILEAGE FOR CEMENTING CREW,ZI	68	MI	0.00	5.76	391.68	60%	156.67
	Number of Units	1						
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT	68	MI	0.00	9.79	665.72	60%	266.29
	Number of Units	1						
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	68	MI	0.00	0.17	11.56		11.56
	Number of Units	1						
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON	68	MI	0.00	0.51	34.68		34.68
	Number of Units	1						
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES	34	MI	0.00	0.17	81.50		81.50
	NUMBER OF TONS	14.1						
114	R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB	0.00	1,285.00	1,285.00	60%	514.00
	NUMBER OF UNITS	1						
139	ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB	0.00	2,275.00	2,275.00	60%	910.00

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Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
	NUMBER OF UNITS	1						
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB	0.00	1,649.00	1,649.00	60%	659.60
	NUMBER OF DAYS	1						
16091	ZI - PUMPING CHARGE	1	EA	0.00	4,935.00	4,935.00	60%	1,974.00
	DEPTH	430						
	FEET/METERS (FT/M)		FT					
100003685	CLASS G / PREMIUM	300	SK	0.00	38.76	11,628.00	60%	4,651.20
100008028	SUGAR, GRANULATED, IMPERIAL	200	LB	0.00	6.44	1,288.00	60%	515.20
Halliburton Rep: JONATHAN SNYDER				Totals	USD	28,197.13	16,422.23	11,774.90

Customer Agent: CHRIS HOHNSTEIN
 Halliburton Approval

THIS OUTPUT DOES NOT INCLUDE TAXES. APPLICABLE SALES TAX WILL BE BILLED ON THE FINAL INVOICE.
 CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ABOVE AND ON THE ATTACHED DOCUMENTS.

X

Customer Signature _____

FIELD TICKET TOTAL: USD 11,774.90

Was our HSE performance satisfactory? Y or N Were you satisfied with our Equipment? Y or N Were you satisfied with our people? Y or N
 (Health, Safety, Environment)

Comments

Customer Information Only

AFE/Project Number

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Material	Description	QTY	UOM	Base Amt	Unit Amt	Gross Amount	Discount	Net Amount
	Lease/Well Number							
	Operation Category							
	Noble Remit-To Dept							