



Service Ticket

9198804

Field Estimate

Client Name Noble Energy Inc.			Well Name Monfort PMK 03-13		Surface Well Location Sec 3:T4N:R66W		Job Date September 20, 2014	
			Job Type Cement Misc.		Down Hole Location		Service Point Fort Lupton	
Address P.O. Box 729			Client Representative Mr. Allen Miller		State CO		County Weld	
City Ardmore			State OK		Postal Code 73402		Drilling Company Leed	
					Rig No. 734		AFE/PO #	
District	Service, Equipment & Material Type				Disc	12	Code	Quantity/Unit
59	Travel Charge				56	12	1380	1
59	Service Charge 4001 to 5000 ft				56	12	1106	1
59	Handling Service Charge				56	12	1480	311
59	Bulk Delivery / Return				56	12	1484	12.7
59	1-1-0				56	12	3002	300
59	CFR-2				56	12	3161	100
59	SMS				56	12	3104	12
59	CFL-3				56	12	3132	100
59	sugar				-	12	2999	250
59	DF-3, Anti-foamer				56	12	3262	4
59	EnviroBag				56	12	1492	1
59	Environmental Surcharge				-	12	1493	1
59	Gel				56	12	3231	742
59	Silica Flour				56	12	3295	4950
59	Fuel Surcharge				-	12	2992	2
59	SAM Unit				56	12	1497	1
This Space Reserved for Client Coding Stamp					* Not Subject to Discount		Field Estimate	
					FOR OFFICE USE ONLY			
					<input type="checkbox"/> Cementing - Prim	<input checked="" type="checkbox"/> Cementing -Rem	<input type="checkbox"/> C	
					<input type="checkbox"/> Coiled Tubing	<input type="checkbox"/> Nitrogen		
					<input type="checkbox"/> Acidization	<input type="checkbox"/> Fracturing		
					<input type="checkbox"/> Industrial Services	<input type="checkbox"/> MPCT		
					<input type="checkbox"/> Other			
					Field	Sales 1	Sales 2	
Comments					This service ticket is not an invoice This signature confirms that I have this service ticket. X			



**Pumping
Service Report**

9198804

Client Name Noble Energy Inc.	Well Name Monfort PMK 03-13	Rig Leed 734	Job Date September 20, 2014	Call Sheet 1047380
Client Representative Mr. Allen Miller	Surface Well Location Sec 3:T4N:R66W	Down Hole Well Location	Job Type Cement Misc.	

Well Profile

Well Type: Oil

Maximum Treating Pressure (psi): —

Predicted Bottom Hole Static Temperature (°F): — @ —

Bottom Hole Circulating Temperature (°F): — @ —

Bottom Hole Logged Temperature (°F): — @ —

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
4.500	15.100		—	—	—	—	—	0.0	4,800.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	4.700		—	—	—	—	0.000	4,750.000

Products

Plug 1

From Depth (ft):

To Depth (ft):

Plug Type : Well Stability

Acids/Blends/Fluids :

Tail: 300 Sacks of 1-1-0 G, Density = 13.5 lb/gal, Volume Pumped = 89 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 78

- + 20 % of Silica Flour (Preblend),
- + 3 % of Gel (Preblend),
- + 0.1 % of SMS (Preblend),
- + 0.4 % of CFR-2 (Preblend),
- + 0.4 % of CFL-3 (Preblend)

Plug 2

From Depth (ft):

To Depth (ft):

Plug Type : Well Stability

Acids/Blends/Fluids :

Fluid & Cement Data

Expected Cement Top: —					
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	—	8.400	—	—	Sep 11, 2014 16:34



Pumping Service Report

9198804

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201274	PICKUP	3/4 Ton				09/20/2014 06:45	09/20/2014 09:15
740004	BODY JOB	C & A				09/20/2014 06:45	09/20/2014 09:15
446075	TRAILER	Bulker	746075	TRACTOR	Tandem - Tractor	09/20/2014 06:45	09/20/2014 09:15
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	09/20/2014 06:45	09/20/2014 09:15
746506	BODY JOB	Baby Bulker				09/20/2014 06:45	09/20/2014 09:15

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Douglass, Brian	09/20/2014 06:45	09/20/2014 09:15		
Barden, Sean	09/20/2014 06:45	09/20/2014 09:15		
Hansen, Ted	09/20/2014 06:45	09/20/2014 09:15		
Contreras, Bennie	09/20/2014 06:45	09/20/2014 09:15		
Phillips, James	09/20/2014 06:45	09/20/2014 09:15		

Treatment Reports & Remarks

Treatment Report

Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Sep 20, 2014 06:45	Arrive On Location		--	--	--	--	0.00
2	Sep 20, 2014 06:50	Tailgate Meeting		--	--	--	--	0.00
3	Sep 20, 2014 07:00	Rig In		--	--	--	--	0.00
4	Sep 20, 2014 07:30	Safety Meeting		--	--	--	--	0.00
5	Sep 20, 2014 07:35	Sign-off on Safety		--	--	--	--	0.00
6	Sep 20, 2014 07:46	Establish Circulation	Water	1.00	300.0	--	1.00	1.00
		Remarks: fill lines						
7	Sep 20, 2014 07:48	Pressure Test		--	3,500.0	--	--	1.00
8	Sep 20, 2014 07:50	Establish Circulation	Water	2.00	1,200.0	--	4.00	5.00
9	Sep 20, 2014 07:55	Mix Cement	0-1-0 G	2.50	1,000.0	--	89.00	94.00
10	Sep 20, 2014 08:25	Pump Displacement	Water	2.00	1,300.0	--	17.50	111.50
11	Sep 20, 2014 08:33	Stop		--	--	--	--	111.50
12	Sep 20, 2014 08:40	Rig Out		--	--	--	--	0.00
13	Sep 20, 2014 09:00	Job Complete		--	--	--	--	0.00
14	Sep 20, 2014 09:10	Pre-Departure Meeting		--	--	--	--	0.00
15	Sep 20, 2014 09:15	Leave Location		--	--	--	--	0.00

Did Float Hold: Not Applicable

Fluid Returns : Not Expected

Type :

Volume (bbl) :

Temperature (°F) : --

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

Canada • USA • International

Print Date: September 20, 2014

Service Report: 9198804

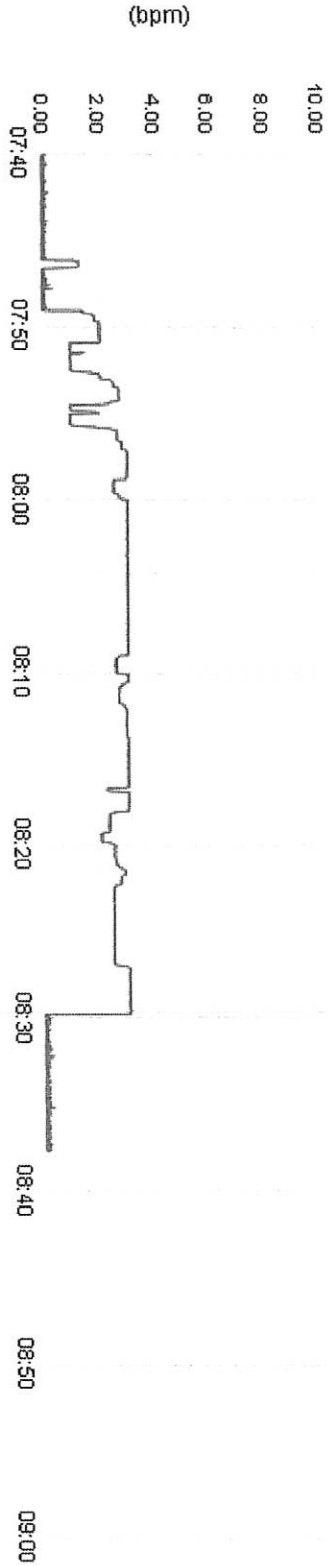
Page 2 of 3

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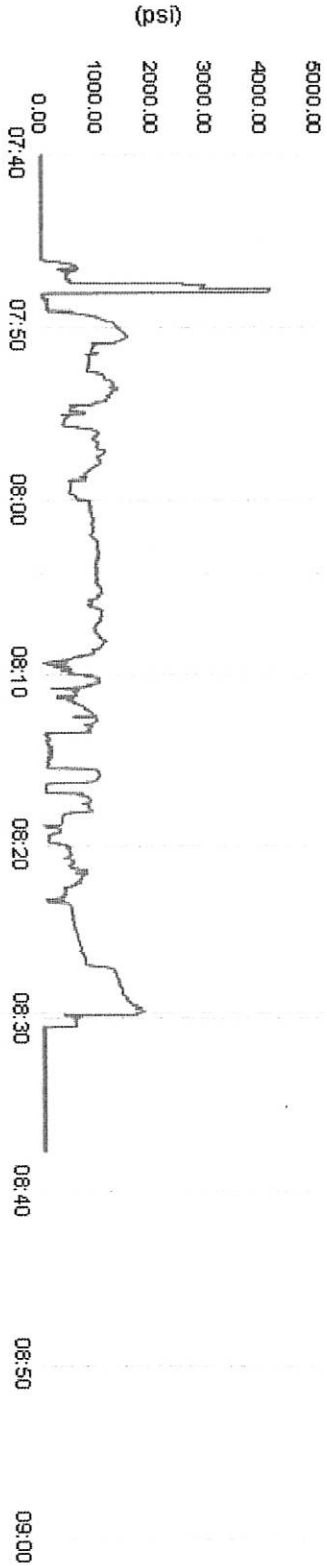


Client	NOBLE ENERGY INC	Client Rep	MR. ALLEN MILLER	Supervisor	BRIAN DOUGLASS
Ticket No.	9198804	Well Name	MONFORT PMK 03-13	Unit No.	740004
Location	SEC.3:T4N:R66W	Job Type	Miscellaneous Pumping	Service District	FORT LUPTON, CO
Comments	SEE JOB LOG FOR DETAILS				Job Date
					09/20/2014

Unit 740004 Rate Total



Unit 740004 Pump Pressure



Unit 740004 Density

