



Service Ticket

9189420

Field Estimate

Client Name Noble Energy Inc.			Well Name Dinner 1-45		Surface Well Location Sec 1:T4N:R65W		Job Date August 15, 2014	
Address P.O. Box 729			Job Type Cement Misc.		Down Hole Location		Service Point Fort Lupton	Call Sheet 1045605
			Client Representative Mr Kevin Monaghan		State CO	County Weld	Pricing Area Area U	
City Ardmore	State OK	Postal Code 73402	Drilling Company		Rig No.		AFE/PO #	

District	Service, Equipment & Material Type	Disc	12	Code	Quantity/Unit	Unit Price	Amount
59	Travel Charge	50	12	1380	1		
59	Service Charge 0 to 2000 ft	50	12	1000	1		
59	Twin Pumping	50	12	1150	1		
59	Handling Service Charge	50	12	1480	200		
59	Bulk Delivery / Return	50	12	1484	9.4		
59	STAR Lite	50	12	1415	1		
59	OWG	50	12	3000	135		
59	EnviroBag	50	12	1492	1		
59	DF-2, Anti-foamer	50	12	3261	2		
59	Environmental Surcharge	-	12	1493	1		
59	Fuel Surcharge	-	12	2992	2		
59	Sugar	-	12	3265	200		

* Not Subject to Discount		Field Estimate	
FOR OFFICE USE ONLY			
<input type="checkbox"/> Cementing - Prim	<input checked="" type="checkbox"/> Cementing -Rem	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Coiled Tubing	<input type="checkbox"/> Nitrogen	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Acidization	<input type="checkbox"/> Fracturing	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Industrial Services	<input type="checkbox"/> MPCT	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Other		<input type="checkbox"/>	<input type="checkbox"/>
Field		Sales 1	Sales 2

This Space Reserved for Client Coding Stamp

Comments
Job went real good, no problems with the trucks, Rig crew and my crew was awesome to work with. pumped slurry at 15.8 off my mud scale

This service ticket is not an invoice.
This signature confirms that I have reviewed this service ticket.
X



**Pumping
Service Report**

9189420

Client Name Noble Energy Inc.	Well Name Dinner 1-45	Rig	Job Date August 15, 2014	Call Sheet 1045605
Client Representative Mr Kevin Monaghan	Surface Well Location Sec 1:T4N:R65W	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): --- @ ---

Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
12.000	--	564.000	506.000	--	--

Casing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Internal Yield Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
4.500	11.600	J-55	4,960.0	5,350.0	--	4.000	5.000	564.0	--
8.625	24.000	J-55	1,370.0	2,950.0	32.23	8.097	9.625	0.0	506.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
1.660	0.000	---	--	--	--	--	564.000	506.000

Products

Plug 1

From Depth (ft): 564

To Depth (ft): 0

Plug Type : Well Stability

Acids/Blends/Fluids :

Tail: 135 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 27.7 (bbl)

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

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 05, 2014 04:28



**Pumping
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Units & Personnel

Units

<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
201274	PICKUP	3/4 Ton				08/15/2014 06:30	08/15/2014 09:30
740069	BODY JOB	C & A				08/15/2014 06:30	08/15/2014 09:30
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	08/15/2014 06:30	08/15/2014 09:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Johnson, Quintin	08/15/2014 06:30	08/15/2014 09:30		
Paiu, Corneliu	08/15/2014 06:30	08/15/2014 09:30		
Barden, Sean	08/15/2014 06:30	08/15/2014 09:30		
Curtner, Jerry	08/15/2014 06:30	08/15/2014 09:30		

Treatment Reports & Remarks



**Pumping
Service Report**

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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	Aug 15, 2014 06:30	Arrive On Location	---	--	--	--	--	0.00
		Remarks: arrived on time						
2	Aug 15, 2014 06:40	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: talked about spotting trucks						
3	Aug 15, 2014 06:50	Rig In	---	--	--	--	--	0.00
		Remarks: rig in the well, 3rd party water, and our bulk truck						
4	Aug 15, 2014 07:30	Sign-off on Safety	---	--	--	--	--	0.00
		Remarks: signed their and our JSA						
5	Aug 15, 2014 07:31	Safety Meeting	---	--	--	--	--	0.00
		Remarks: talked about the job scope and safety concerns						
6	Aug 15, 2014 08:20	Start - Fluid	Water	1.00	60.0	--	1.00	1.00
		Remarks: filled lines for pressure test						
7	Aug 15, 2014 08:25	Pressure Test	Water	0.00	2,000.0	--	0.00	1.00
		Remarks: pressure tested and lines held good						
8	Aug 15, 2014 08:33	Establish Circulation	Water	2.00	200.0	--	2.00	3.00
		Remarks: got good circulation						
9	Aug 15, 2014 08:36	Mix Cement	0-1-0 G	2.00	800.0	--	27.70	30.70
		Remarks: mixed slurry at 15.8						
10	Aug 15, 2014 08:55	Pump Displacement	Water	2.00	800.0	--	1.00	31.70
		Remarks: cleaned lines						
11	Aug 15, 2014 09:00	Stop	---	--	--	--	--	31.70
		Remarks: stop rigged off						
12	Aug 15, 2014 09:10	Wash	Water	--	--	--	--	31.70
		Remarks: washed mix and die run backs						
13	Aug 15, 2014 09:30	Rig Out	---	--	--	--	--	31.70
		Remarks: rigged our iron and hoses out						
14	Aug 15, 2014 09:10	Pre-Departure Meeting	---	--	--	--	--	31.70
		Remarks: journey mangement						
15	Aug 15, 2014 09:40	Job Complete	---	--	--	--	--	31.70
		Remarks: do a wlk around and check pins						
16	Aug 15, 2014 09:50	Leave Location	---	--	--	--	--	31.70
		Remarks: next job						

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 3

Temperature (°F) : 70

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

46813



Client	Noble Energy Inc.	Client Rep	Mr. Kevin Monaghan	Supervisor	Quintan Johnson
Ticket No.	9189420	Well Name	Dinner 1-45	Unit No.	740069
Location	Sec 1: T4N: R65W	Job Type	Miscellaneous Pumping	Service District	Fort Lupton
Comments	.5 bbls to fill lines, pressure test 3000 psi, 63 bbls of slurry at 15.8, displace 1 bbls fresh, stop, rig off, wash				
				Job Date	08/15/2014

10.00

8.00

6.00

4.00

2.00

0.00

(bpm)

Unit 740069 Rate Total

09:05

09:00

08:55

08:50

08:45

08:40

08:35

08:30

08:25

08:20

08:15

08:10

1000.00

800.00

600.00

400.00

200.00

0.00

(psi)

Unit 740069 Pump Pressure

09:05

09:00

08:55

08:50

08:45

08:40

08:35

08:30

08:25

08:20

08:15

08:10

22.00

20.00

18.00

16.00

14.00

12.00

10.00

8.00

6.00

(lb/gal)

Unit 740069 Density

09:05

09:00

08:55

08:50

08:45

08:40

08:35

08:30

08:25

08:20

08:15

08:10