



Service Ticket

9193326

Field Estimate

Client Name Noble Energy Inc.			Well Name The Little Will 09		Surface Well Location Sec 25:T6N:R65W		Job Date July 18, 2014		
Address P.O. Box 729			Job Type Abandonment Plugs		Down Hole Location		Service Point Fort Lupton		
City Ardmore			Client Representative Pete Burns		State CO		Call Sheet 1044310		
State OK			Drilling Company		County Weld		Pricing Area Area U		
Postal Code 73402			Rig No.		AFE/PO #				
District	Service, Equipment & Material Type	Disc	12	Code	Quantity/Unit	Unit Price	Amount		
59	Travel Charge	56	12	1380	1				
59	Service Charge 0 to 2000 ft	56	12	1000	1				
59	Twin Pumping	56	12	1150	1				
59	Handling Service Charge	56	12	1480	400				
59	Bulk Delivery / Return	56	12	1484	19				
59	SAM Unit	56	12	1497	1				
59	OWG	56	12	3000	300				
59	EnviroBag	56	12	1492	1				
59	DF-3, Anti-foamer	56	12	3262	8				
59	Fuel Surcharge	-	12	2992	2				
59	Sugar	-	12	2999	50				
				* Not Subject to Discount		Field Estimate			
This Space Reserved for Client Coding Stamp				FOR OFFICE USE ONLY					
				<input type="checkbox"/>	Cementing - Prim	<input checked="" type="checkbox"/>	Cementing -Rem	<input type="checkbox"/>	
				<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				
Comments Job went according to prog and customer's request. Job went good.				Field		Sales 1		Sales 2	
								This service ticket is not an inv This signature confirms that I h this service ticket. X	



**Pumping
Service Report**

9193326

Client Name Noble Energy Inc.	Well Name The Little Will 09	Rig	Job Date July 18,2014	Call Sheet 1044310
Client Representative Pete Burns	Surface Well Location Sec 25:T6N:R65W	Down Hole Well Location	Job Type Abandonment Plugs	

Well Profile

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)	
12.500	--	--	--	--	--	

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)	
8.625	24.000	J-55	1,370.0	2,950.0	20.51	8.097	9.625	0.0	322.0	
4.500	11.600	J-55	4,960.0	5,350.0	8.00	4.000	5.000	0.0	566.0	

Tubing										
Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)		
2.375	0.000	J-55	--	--	--	--	0.000	566.000		

Products

Plug 1	
From Depth (ft):	
To Depth (ft):	
Plug Type :	N/A
Acids/Blends/Fluids :	
Tail: 300 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 60 (bbl)	
Water Temperature(°F) = 65 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80	

Fluid & Cement Data

Expected Cement Top:	Surface				
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jul 18, 2014 06:39



**Pumping
Service Report**

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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>
201025	PICKUP	1 Ton				07/18/2014 09:20	07/18/2014 13:15
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	07/18/2014 09:20	07/18/2014 13:15
446173	TRAILER	Bulker	746173	TRACTOR	Tandem - Tractor	07/18/2014 09:20	07/18/2014 13:15

Crew and Bonuses				
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Klosterman, Austin	07/18/2014 09:20	07/18/2014 13:15		
Schroeder, Stephen	07/18/2014 09:20	07/18/2014 13:15		
Cheal, Samuel	07/18/2014 09:20	07/18/2014 13:15		
Feigenbaum, Andrew	07/18/2014 09:20	07/18/2014 13:15		
Gibson, Bruce	07/18/2014 09:20	07/18/2014 13:15		

Treatment Reports & Remarks									
Treatment Report									
<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u> (bbl/min)	<u>Tubular Pressure</u> (psi)	<u>Annular Pressure</u> (psi)	<u>Stage Volume</u> (bbl)	<u>Total Volume</u> (bbl)	
1	Jul 18,2014 09:20	Arrive On Location	---	0.00	0.0	0.0	0.00	0.00	
2	Jul 18,2014 09:25	Tailgate Meeting	---	0.00	0.0	0.0	0.00	0.00	
3	Jul 18,2014 09:40	Rig In	---	0.00	0.0	0.0	0.00	0.00	
4	Jul 18,2014 11:15	Safety Meeting	---	0.00	0.0	0.0	0.00	0.00	
5	Jul 18,2014 11:20	Sign-off on Safety	---	0.00	0.0	0.0	0.00	0.00	
6	Jul 18,2014 11:21	Establish Circulation	Water	1.50	260.0	0.0	1.00	1.00	
Remarks: Filling lines									
7	Jul 18,2014 11:22	Pressure Test Lines	Water	0.00	2,000.0	0.0	0.00	1.00	
8	Jul 18,2014 11:24	Establish Circulation	Water	1.50	250.0	0.0	5.00	6.00	
9	Jul 18,2014 11:30	Pump	0-1-0 G	1.80	650.0	0.0	60.00	66.00	
Remarks: Mix up and pump 300 sacks @15.8#, WR 4.96, Yield 1.15									
10	Jul 18,2014 12:01	Displace Fluid	Water	1.80	650.0	0.0	1.50	67.50	
11	Jul 18,2014 12:00	Rig Out	---	0.00	0.0	0.0	0.00	0.00	
12	Jul 18,2014 12:45	Job Complete	---	0.00	0.0	0.0	0.00	0.00	
13	Jul 18,2014 13:00	Pre-Departure Meeting	---	0.00	0.0	0.0	0.00	0.00	
14	Jul 18,2014 13:15	Leave Location	---	0.00	0.0	0.0	0.00	0.00	

Did Float Hold:	Not Applicable
Fluid Returns :	Yes
Type :	Cement
Volume (bbl) :	8
Temperature (°F) :	80
FDAS Functioning Correctly :	Yes
Was the Program Followed As Per Design? :	Yes



Client	Ameco Noble Energy	Client Rep	Pete Burns	Supervisor	A Klosterman
Ticket No.	9193326	Well Name	The Little Will 09	Unit No.	445047
Location	Sec25:T6N:R65W	Job Type	Abandonment Plugs	Service District	505
Comments	Mix up and pump 400 sacks @15.8#				
				Job Date	07/18/2014

