



Pumping  
Service Report

9193708

Client Name Noble Energy Inc.	Well Name Nay 01	Rig Select 11	Job Date July 16, 2014	Call Sheet 1044177
Client Representative Chuck Emerson	Surface Well Location SW SE Sec 3:T9N:R58W	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):	--- @ ---

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)
5.500	17.000	N-80	6,290.0	7,740.0	3.49	4.892	6.050	0.0	150.0
8.625	24.000	J-55	1,370.0	2,950.0	9.55	8.097	9.625	0.0	150.0

Products

Stage 1

From Depth (ft):	0
To Depth (ft):	150
Acids/Blends/Fluids :	
Tail: 70 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 14.2 (bbl)	
Water Temperature(°F) = 70 , Bulk Temperature(°F) = 75 , Slurry Temperature(°F) = 80	
+ 2 % of CaCl2 (Prehydrate)	

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Jul 11, 2014 10:24

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201025	PICKUP	1 Ton	449093	TRAILER	Utility Trailer	07/16/2014 06:15	07/16/2014 10:35
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	07/16/2014 06:15	07/16/2014 10:35
446153	TRAILER	Bulker	746153	TRACTOR	Tandem - Tractor	07/16/2014 06:15	07/16/2014 10:35

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Schneider, Patrick	07/16/2014 05:15	07/16/2014 10:35		
Klosterman, Austin	07/16/2014 05:15	07/16/2014 10:35		
Cheal, Samuel	07/16/2014 05:15	07/16/2014 10:35		
Pigg, Martin	07/16/2014 05:15	07/16/2014 10:35		
Curtner, Jerry	07/16/2014 05:15	07/16/2014 10:35		

## Service Ticket

**9193708**

SW/SE

Sec. 9 T9N R58W

### Field Estimate

Client Name Noble Energy Inc.		Well Name Rohm State LD10- May 01 69-14N		Surface Well Location SW/SE Sec 3-T9N-R58W		Job Date July 16, 2014	
		Job Type Cement Misc.		Down Hole Location		Service Point Fort Lupton	
Address P.O. Box 729		Client Representative Chuck Emerson		State CO		Call Sheet 1044177	
City Ardmore		Postal Code 73402		County Weld		Pricing Area Area U	
State OK		Drilling Company Select		Rig No. 11		AFE/PO # 1391508	
District	Service, Equipment & Material Type	Disc	Code	Quantity/Unit	Unit Price	Amount	
59	Travel Charge .	56	1380	100 mi	\$7.50	\$750.00	
59	Service Charge 0 to 2000 ft 150'	56	1100	1	\$4,300.00	\$4,300.00	
59	Twin Pumping 150'	56	1150	1	\$860.00	\$860.00	
59	Handling Service Charge	56	1480	250	\$3.30	\$825.00	
59	Bulk Delivery / Return	56	1484	11.8	\$2.55	\$3,009.00	
59	SAM Unit .	56	1497	1	\$1,015.00	\$1,015.00	
59	OWG	56	3000	115	\$30.00	\$3,450.00	
59	Sugar	56	3265	150	\$2.00	\$300.00	
59	Calcium Chloride	56	3100	150	\$1.80	\$270.00	
59	EnviroBag .	56	1492	1	\$78.00	\$78.00	
59	DF-3, Anti-foamer .	56	3262	3	\$141.00	\$423.00	
59	Environmental Surcharge .	-	1493	1	\$50.00	\$50.00	*
59	Fuel Surcharge .	-	2992	2	\$520.00	\$1,040.00	*
			* Not Subject to Discount		Field Estimate		Before Discount: \$16,370.00
							Fuel Surcharge:
							After Discount: \$7,981.20
FOR OFFICE USE ONLY							
<input type="checkbox"/> Cementing - Prim		<input checked="" type="checkbox"/> Cementing - Rem.		<input type="checkbox"/> Code 9000			
<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 Job went according to prog and customer's request.							
This service ticket is not an invoice; pricing is subject to review and change without notice. This signature confirms that I have read and comply with the terms and conditions page of this service ticket. X							

John State  
Vessel Name and No  
139508  
Project / Affili  
Re Entry Y  
Task  
3.2 0028  
Acct Code  
JUL 5/7/14  
CHUCK EMERSON  
Signature

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen  
Canada • USA • International

Print Date: July 16, 2014  
Service Ticket: 9193708  
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**Pumping  
Service Report**

**9193496**

Client Name Noble Energy Inc.	Well Name Nay 01	Rig Select 11	Job Date July 17, 2014	Call Sheet 1044232
Client Representative Chuck Emerson	Surface Well Location SW SE Sec 3:T9N:R58W	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): --- @ ---

**Casing**

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)
5.500	20.000	C-95	10,000.0	10,910.0	3.33	4.778	6.050	0.0	150.0

**Products**

**Plug 1**

From Depth (ft): 60

To Depth (ft): 150

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 41 Sacks of Control Set C, Density = 13 lb/gal, Volume Pumped = 14 (bbl)  
Water Temperature(°F) = 55 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 85  
+ 1.88 lb/sack of OGC-60 (Preblend),  
+ 1.88 lb/sack of CaCl<sub>2</sub> (Preblend),  
+ 1.88 lb/sack of SMS (Preblend)

**Fluid & Cement Data**

Expected Cement Top: --

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jul 16, 2014 17:32

**Units & Personnel**

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
200868	PICKUP	3/4 Ton				07/17/2014 06:40	07/17/2014 12:45
446052	TRAILER	Bulker	746052	TRACTOR	Tandem - Tractor	07/17/2014 06:40	07/17/2014 12:45
746506	BODY JOB	Baby Bulker				07/17/2014 06:40	07/17/2014 12:45

**Crew and Bonuses**

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Contreras, Bennie	07/17/2014 06:40	07/17/2014 12:45		
Hardwick, Waco	07/17/2014 06:40	07/17/2014 12:45		
Cox, Brandon	07/17/2014 06:40	07/17/2014 12:45		
Lampp III, Larry	07/17/2014 06:40	07/17/2014 12:45		
Leue, David	07/17/2014 06:40	07/17/2014 12:45		

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Print Date: July 17, 2014

Service Report: 9193496

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V3.12.0.0