

Sanjel

Noble Energy Inc.
P.O. Box 729

Ardmore Oklahoma 73402

INVOICE: **9199288**

Field Ticket Number

Invoice Date **Dec. 31, 2014**

Terms **Net 30 Days**

Job Date Dec 16, 2014	Ordered By Scott Trumble	Lease and Well Number SE/SE SEC.23 T4N R66W	AFE # 200008
Customer Representative / Attention To N/A		Customer Department / Business Unit US Domestic/Accounts Payable M	Customer Code N/A

WELL NAME: **SCHMIDT AMOCO UPRR 44-23**

60.0 mile(s) Travel Charge @ \$7.50 per mile
One Service Charge to 4300.0 ft depth
One Twin Service Charge to 4300.0 ft depth
200 cubic feet Bulk Handling Charge @ \$3.30 per ft3
9.40 ton(s) Bulk Delivery / Return 60 mile(s) @ \$2.55 per t-m
1 SAM Unit @ \$1,015.00 per job
200 sack(s) **OWG @ \$30.00 per sack**
1 EnviroBag(s) @ \$78.00 per job
2.00 gal(s) DF-3 @ \$141.00 per gal
1 Environmental Surcharge @ \$50.00 per job
2 Unit(s) Fuel Surcharge @ \$480.00 per unit
50 lb(s) Sugar @ \$2.00 per lb

Less 56.00% Primary Cementing Discount

Thank you in advance for your payment due by
January 30, 2015

Please make cheque payable to Sanjel (USA) Inc.

* Please be noticed that the items with an asterisk are taxable.
Sanjel (USA) Inc. • 511 - 16th Street, Suite 300, Denver, CO 80202 • Telephone: 303-733-1111
Corporate Head Office • 200, 505 - 2nd Street SW, Calgary, Alberta T2P 1N8 • Telephone: 403-243-1111



Pumping Service Report

9199288

Client Name Noble Energy Inc.	Well Name Schmidt Amoco UPRR 44 - 23	Rig Leed 725	Job Date December 16, 2014	Call Sheet 1052206
Client Representative Mr. Scott Trumble	Surface Well Location SE SE Sec 23:T4N:R66W	Down Hole Well Location	Job Type Cement Misc.	Lead Supervisor Contreras, Bennie (23469)

Well Profile

Maximum Treating Pressure (psi):	---
Predicted Bottom Hole Static Temperature (°F):	--- @ ---
Bottom Hole Circulating Temperature (°F):	--- @ ---
Bottom Hole Logged Temperature (°F):	--- @ ---

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	35.98	8.097	9.625	0.0	565.0
4.500	11.600	J-55	4,960.0	5,350.0	69.16	4.000	5.000	0.0	4,450.0

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	4.700	J-55	8,100.000	16.620	1.995	2.910	0.000	4,300.000

Products

Plug 1
From Depth (ft): 4281
To Depth (ft): 4450
Plug Type: Abandonment
Acids/Blends/Fluids:
Plug: 175 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 35.8 (bbl)
Water Temperature(°F) = 45, Bulk Temperature(°F) = 50, Slurry Temperature(°F) = 64

Fluid & Cement Data

Expected Cement Top: -					
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 27, 2014 17:03

Attachment & Tools

Down Hole Tools		
Tool Type	Depth (ft)	Supplier
Cement Retainer	4,300.000	Third Party



Pumping Service Report

9199288

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	Dec 16, 2014 12:30	Arrive On Location		--	--	--	--	0.00
		Remarks: Arrived.						
2	Dec 16, 2014 12:40	Crew Briefing (Rig In)		--	--	--	--	0.00
		Remarks: Talked about Spotting trucks and rigging in.						
3	Dec 16, 2014 13:00	Rig In Complete		--	--	--	--	0.00
		Remarks: Completed rig in.						
4	Dec 16, 2014 13:05	Crew Briefing (Pro Job)		--	--	--	--	0.00
		Remarks: Muster, 911 caller, Amb. and driver, Nearest med., Location safety equlpt., Job scope.						
5	Dec 16, 2014 14:05	Pressure Test Start	Water	--	3,000.0	--	--	0.00
		Remarks: Pressure test 3000 psi.						
6	Dec 16, 2014 14:09	Pressure Test Complete		--	--	--	--	0.00
		Remarks: Complete pressure test.						
7	Dec 16, 2014 14:10	Establish Circulation	Water	0.80	450.0	--	5.00	5.00
		Remarks: 5 BBLs establish circulation.						
8	Dec 16, 2014 14:15	Mix Cement	0-1-0 G	2.00	200.0	--	35.80	40.80
		Remarks: 35.8 BBLs of cement @ 15.8 lb/gal.						
9	Dec 16, 2014 14:56	Displace Fluid	Water	2.50	1,000.0	--	16.00	56.80
		Remarks: Displaced 12 BBLs of Mud and 4 BBLs of water.						
10	Dec 16, 2014 15:10	Rig Out		--	--	--	--	56.80
		Remarks: Rig down.						
11	Dec 16, 2014 15:11	Job Complete		--	--	--	--	56.80
		Remarks: Job complete.						
12	Dec 16, 2014 16:00	Leave Location		--	--	--	--	56.80
		Remarks: Leave.						
Did Float Hold:		Yes						
Fluid Returns:		No						
Type:								
Volume (bbl):								
Temperature (°F):		-						
FDAS Functioning Correctly:		Yes						
Was the Program Followed As Per Design?:		Yes						
Material Transfer Sheet Number								
<u>Material Transfer Sheet Number</u>								
54435								



Client	Noble Energy Inc.	Client Rep	Mr. Rick Sheets	Supervisor	Bennie Contreras
Ticket No.	9199288	Well Name	Schmidt Amoco UPRR 44-23	Unit No.	745051
Location	Sec23-T4N-R66W	Job Type	Miscellaneous Pumping	Service District	Fort Lupton
Comments	175 sacks 0-1-0 G @ 15.8 lb/gal.			Job Date	12/16/2014

