



Service Ticket

9191786

Field Estimate

Client Name Noble Energy Inc.			Well Name <u>Rohn State</u> <u>May 01</u> <u>LD 10-69-11H</u>		Surface Well Location <u>SWSE Sec. 9</u> <u>92758N.R56W</u>		Job Date July 23, 2014	
Address P.O. Box 729			Job Type Cement Misc.		Down Hole Location		Service Point Fort Lupton	
City Ardmore			Client Representative Chuck Emerson		State CO		Call Sheet 1044513	
State OK			Postal Code 73402		County Weld		Pricing Area Area U	
Drilling Company Select			Reg No. 11		AFED # <u>139508</u>			
District	Service, Equipment & Material Type	Disc	Code	Quantity/Unit	Unit Price	Amount		
59	Travel Charge	56	1380	100	4			
59	Service Charge 2001 to 3000 ft <u>3000</u>	56	1002		1			
59	Twin Pumping <u>3000</u>	56	1150		1			
59	Handling Service Charge	56	1480		714			
59	Bulk Delivery / Return	56	1484		35			
59	STAR Lite	56	1415		1			
59	OWG	56	3000		300			
59	Calcium Chloride	56	3100		200			
59	EnviroBag	56	1492		1			
59	DF-2 Anti-foamer	56	3261		8			
59	Environmental Surcharge	-	1493		1			
59	Fuel Surcharge	-	2992		3			
59	Sugar	-	3265		300			
59	OWG	56	3000		140			
59	Calcium Chloride	56	3100		200			
59	Add. Loc. Time (Twin) - Operating	-	1395		2			
59	Bulk Standby Time	-	1398		5			
59	Add. Loc. (Twin) - Non Operating	-	1396		4			
59	SAM Unit	56	1497		1			

Well Name and No. <u>Rohn State LD 10-69-11H</u>		* Not Subject to Discount <u>56%</u>		Field Estimate	
Price / AFE # <u>139508</u>		FOR OFFICE USE ONLY			
Task <u>Re Entry P&A</u>		<input type="checkbox"/> Cementing - Prim <input type="checkbox"/> Cementing - Rem. <input type="checkbox"/>			
Task <u>3.2 8008</u>		<input type="checkbox"/> Coiled Tubing <input type="checkbox"/> Nitrogen			
ACQ CODE This Space Reserved for Client Coding Stamp		<input type="checkbox"/> Acidization <input type="checkbox"/> Fracturing			
		<input type="checkbox"/> Industrial Services <input type="checkbox"/> MPCT			
		<input type="checkbox"/> Other			
Comments Job pumped according to Customer's request. Did not get cement to surface as planned on the second plug, had to order and wait for four hundred more sacks of cement to be brought out. Plugs went good. Got cement to surface on third plug.		Sales 1 <u>CP</u> Sales 2			
Signature <u>CHUCK EMERSON</u>		The service ticket is not valid unless signed by a Sanjel representative.			

59 DF-2 Antifoamer

56 13 3262

8

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen
Canada • USA • InternationalPr
Se
Pa



Pumping
Service Report

9191786

Client Name Noble Energy Inc.	Well Name Nay 01	Rig Select 11	Job Date July 23, 2014	Call Sheet 1044513
Client Representative Chuck Emerson	Surface Well Location SW SE Sec 9:T58N: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):	—	@	—		
Open Hole					
Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
4.750	—	150.000	3,000.000	—	—

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)	
5.500	17.000	N-80	6,290.0	7,740.0	3.49	4.892	6.050	0.0	150.0	
Tubing										
Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)		
2.875	6.400	L & N-80	11,170.000	17.360	2.441	3.500	0.000	3,000.000		

Products

Stage 1

From Depth (ft): 0
To Depth (ft): 3000
Acids/Blends/Fluids :
Tail: 100 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 20 (bbl)
Water Temperature(°F) = 76 , Bulk Temperature(°F) = 78 , Slurry Temperature(°F) = 80
Tail: 200 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 42 (bbl)
Water Temperature(°F) = 76 , Bulk Temperature(°F) = 78 , Slurry Temperature(°F) = 80
+ 1 % of CaCl₂ (Prehydrate)
Tail: 140 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 27 (bbl)
Water Temperature(°F) = 76 , Bulk Temperature(°F) = 78 , 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	—	8.400	—	—	Jul 11, 2014 10:24

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

Canada • USA • International

Print Date: July 23, 2014
Service Report: 9191786
Page 1 of 4 V3.12.0.0