



Pumping Service Report

9184607

Client Name Noble Energy Inc.	Well Name State A 36 - 01	Rig True Point Well Services 15	Job Date February 06, 2015	Call Sheet 1054817
Client Representative Mr Chuck Emerson	Surface Well Location Sec 36:T6N:R64W	Down Hole Well Location	Job Type Cement Misc.	Lead Supervisor Maguire, Matthew (26325)

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)
9.500	--	0.000	--	--	--

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)
9.625	36.000	J-55	2,020.0	3,520.0	16.16	8.921	10.625	0.0	209.0

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	6.500	J-55	7,680.000	1.210	2.441	3.668	0.000	209.000

Products

Stage 1

From Depth (ft): 209

To Depth (ft): 0

Acids/Blends/Fluids :

Tail: 112 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 23 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50
+ 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	--	--	--	--	Oct 28, 2014 21:28



Pumping Service Report

9184606

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)
9.500	--	302.000	3,028.000	--	--

Products

Stage 1

From Depth (ft): 3028
To Depth (ft): 2778
Acids/Blends/Fluids :
Tail: 100 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 20.5 (bbl)
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50
+ 1 % of CaCl₂ (Prehydrate)

Stage 2

From Depth (ft): 730
To Depth (ft): 300
Acids/Blends/Fluids :
Tail: 400 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 82.4 (bbl)
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50
+ 2 % of CaCl₂ (Prehydrate)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 300

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 28, 2014 21:28

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201274	PICKUP	3/4 Ton				02/05/2015 07:00	02/05/2015 14:30
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	02/05/2015 07:00	02/05/2015 14:30
446153	TRAILER	Bulker	746153	TRACTOR	Tandem - Tractor	02/05/2015 07:00	02/05/2015 14:30

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Maguire, Matthew (26325)	02/05/2015 07:00	02/05/2015 14:30		
Pigg, Martin (28301)	02/05/2015 07:00	02/05/2015 14:30		
Dunsbergen, Scott (29737)	02/05/2015 07:00	02/05/2015 14:30		
Molina, Alejandro (29922)	02/05/2015 07:00	02/05/2015 14:30		