



umping Service Report

9202543

Client Name Noble Energy Inc.	Well Name UPRR 36 Pan Am B#1	Rig Bohler 5	Job Date January 21,2015	Call Sheet 1053895
Client Representative Mr. Tony Mathias	Surface Well Location Sec 17:T4N:R65W	Down Hole Well Location	Job Type Cement Misc.	Lead Supervisor Douglass, Brian (23898)



9201523

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									
	<u>Size (in)</u>	<u>Excess (%)</u>	<u>TMD From (ft)</u>	<u>TMD To (ft)</u>	<u>TVD From (ft)</u>	<u>TVD To (ft)</u>			
	7.000	--	350.000	815.000	--	--			
Tubing									
	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Collapse Pressure</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth From</u>	<u>Depth To</u>
	(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
	2.875	6.500	---	--	--	--	--	0.000	815.000

Products	
Plug 1	
From Depth (ft):	815
To Depth (ft):	608
Plug Type :	N/A
Acids/Blends/Fluids :	
Tail: 50 Sacks of 0-1-0 G, Density = 16.2 lb/gal, Volume Pumped = 9.8 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70	
+ 2 % of CaCl2 (Preblend),	
+ 0.2 % of SPC-2 (Preblend)	

Fluid & Cement Data					
Expected Cement Top:		--			
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Jan 19, 2015 16:27

Units & Personnel							
Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449093	TRAILER	Utility Trailer	201168	PICKUP	1 Ton	01/20/2015 10:00	01/20/2015 13:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	01/20/2015 10:00	01/20/2015 13:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	01/20/2015 10:00	01/20/2015 13:00
Crew and Bonuses							
Employee	Start Shift	End Shift	Second Start Shift		Second End Shift		
Lopez, Armando (29064)	01/20/2015 10:00	01/20/2015 13:00					
Leue, David (28684)	01/20/2015 10:00	01/20/2015 13:00					
Meisner, Jeremy (27681)	01/20/2015 10:00	01/20/2015 13:00					
Heye, Joshua (29833)	01/20/2015 10:00	01/20/2015 13:00					



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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): --- @ ---

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)
8.625	0.000	---	---	---	---	---	---	0.0	350.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.875	6.500	---	---	---	---	---	0.000	330.000

Products**Plug 1**

From Depth (ft): 0

To Depth (ft): 350

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 135 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 23 (bbl)

Water Temperature(°F) = 40 , Bulk Temperature(°F) = 36 , Slurry Temperature(°F) = 76

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	---	---	Jan 19, 2015 16:27

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				01/21/2015 10:30	01/21/2015 13:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	01/21/2015 10:30	01/21/2015 13:00
746502	BODY JOB	Baby Bulker				01/21/2015 10:30	01/21/2015 13:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Douglass, Brian (23898)	01/21/2015 10:30	01/21/2015 13:00		
Hansen, Ted (29055)	01/21/2015 10:30	01/21/2015 13:00		
Johnson, Jakob (30073)	01/21/2015 10:30	01/21/2015 13:00		
Devine, Richard (29733)	01/21/2015 10:30	01/21/2015 13:00		