



## Pumping Service Report

9199291

Client Name Noble Energy Inc.	Well Name Govt Adkisson 1	Rig Trupoint 15	Job Date December 18, 2014	Call Sheet 1052307
Client Representative Mr. Chuck Emerson	Surface Well Location NE NE Sec 14:T9N:R59W	Down Hole Well Location	Job Type Cement Misc.	Lead Supervisor Contreras, Bennie (23469)

### 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	--	308.000	3,146.000	--	--

### 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	23.27	8.921	10.625	0.0	301.0
5.500	15.500	J-55	4,040.0	4,810.0	7.33	4.950	6.050	0.0	308.0

### 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	L & N-80	11,170.000	17.630	2.441	3.460	0.000	3,046.000
2.875	6.500	L & N-80	11,170.000	9.700	2.441	3.460	0.000	1,675.000

### Products

#### Plug 1

From Depth (ft): 3,150

To Depth (ft): 3,046

Plug Type: Abandonment

Acids/Blends/Fluids:

Tail: 100 Sacks of 0-1-12 G, Density = 15.8 lb/gal, Volume Pumped = 20.5 (bbl)

Water Temperature(°F) = 74, Bulk Temperature(°F) = 50, Slurry Temperature(°F) = 79

+ 2 % of CaCl<sub>2</sub> (Prehydrate)

Yld: 1.15

### Fluid & Cement Data

Expected Cement Top: --

#### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Dec 17, 2014 21:31