



# Pumping Service Report

9187359

Client Name Anadarko Petroleum Corporation	Well Name Cannon Federal 4-17A	Job Date December 12, 2013	Call Sheet 1034036
Client Representative Mr Larry Webb	Location NW NW Sec 17:T2N:R66W	Job Type Abandonment Plugs	

## 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)
	10.000	--	699.000	1,700.000	--	--

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)
	4.500	11.600	J-55	4,960.0	5,350.0	26.42	4.000	5.000	0.0	1,700.0
	8.625	24.000	J-55	1,370.0	2,950.0	44.52	8.097	9.625	0.0	699.0

Tubing	Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
	2.375	4.700	J-55	8,100.000	6.960	1.995	2.910	0.000	1,800.000

## Products

Plug 1
From Depth (ft):
To Depth (ft):
Plug Type : N/A
Acids/Blends/Fluids :
Lead 1: 405 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 105.31 (bbl)
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50
+ 2 % of CaCl <sub>2</sub> (Preblend),
+ 0.25 lb/sack of Polyflake (Preblend)

## Fluid & Cement Data

Expected Cement Top: --					
Wellbore Fluid					
<u>Fluid Type</u>	<u>Viscosity (cP)</u>	<u>Density (lbs/gal)</u>	<u>Yield Point (psi)</u>	<u>Temperature (°F)</u>	<u>Recorded@</u>
Water	--	8.340	--	--	Nov 06, 2013 14:32



**Pumping  
Service Report**

**9187346**

Client Name Anadarko Petroleum Corporation	Well Name Cannon Federal 4-17A	Job Date December 11, 2013	Call Sheet 1034002
Client Representative Mr Larry Webb	Location NW NW Sec 17:T2N:R66W	Job Type Abandonment Plugs	

**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):	--- @ --

**Casing**

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)
4.500	11.600		--	--	--	--	--	0.0	6,385.0

**Tubing**

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	0.000		--	--	--	--	0.000	5,010.000

**Products**

**Plug 1**

From Depth (ft):

To Depth (ft):

Plug Type : N/A

Acids/Blends/Fluids :

Lead 1: 175 Sacks of 0-1-0 G, Density = 15.6 lb/gal, Volume Pumped = 36 (bbl)  
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60  
+ 0.5 % of CFR (Preblend),  
+ 0.25 % of FMC (Preblend),  
+ 0.5 % of LWA (Preblend),  
+ 0.25 lb/sack of Polyflake (Preblend)

**Fluid & Cement Data**

Expected Cement Top: --

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Nov 06, 2013 14:32

**Attachment & Tools**

**Down Hole Tools**

Tool Type	Depth (ft)	Supplier
Cement Retainer	5,010.000	Client





**Pumping  
Service Report**

**9187380**

Client Name Anadarko Petroleum Corporation	Well Name Cannon Federal 4-17A	Job Date December 10, 2013	Call Sheet 1033943
Client Representative Mr Larry Webb	Location NW NW Sec 17:T2N:R66W	Job Type Abandonment Plugs	

**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)
4.500	11.600	---	--	--	--	--	--	0.0	7,926.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	0.000	---	--	--	--	--	0.000	7,100.000

**Products**

**Plug 1**

From Depth (ft):

To Depth (ft):

Plug Type : N/A

Acids/Blends/Fluids :

Lead 1: 30 Sacks of Thermal 35, Density = 15.4 lb/gal, Volume Pumped = 8 (bbl)  
Water Temperature(°F) = 30 , Bulk Temperature(°F) = 15 , Slurry Temperature(°F) = 40  
+ 0.5 % of CFR,  
+ 0.25 % of FMC

**Fluid & Cement Data**

Expected Cement Top: --

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Nov 06, 2013 14:32