



**Pumping  
Service Report**

**9184386**

Client Name Anadarko Petroleum Corporation	Well Name Norgren Donald E1	Job Date October 17, 2013	Call Sheet 1030650
Client Representative Mr Dave Donoho	Location Sec 1:T2N:R67W	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	J-55	4,960.0	5,350.0		108.80	4.000	5.000	0.0	7,000.0
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	4.700	J-55		8,100.000	26.820	1.995	2.910	0.000	6,936.000	

Products										
<b>Plug 1</b>										
From Depth (ft):										
To Depth (ft):										
Plug Type : N/A										
Acids/Blends/Fluids :										
Lead 1: 150 Sacks of 1:1:0 Poz:Type III, Density = 13.5 lb/gal, Volume Pumped = 45.7 (bbl)										
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60										
+ 20 % of Silica Flour (Preblend),										
+ 3 % of Gel (Preblend),										
+ 0.1 % of SMS (Preblend),										
+ 0.4 % of CFR-2 (Preblend),										
+ 0.4 % of CFL-3 (Preblend)										

Fluid & Cement Data										
Expected Cement Top: --										
<b>Wellbore Fluid</b>										
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@					
Water	--	--	--	--	Oct 08, 2013 08:25					

Attachment & Tools										
<b>Down Hole Tools</b>										
Tool Type	Depth (ft)	Supplier								
Cement Retainer	6,597.000	Client								