



Pumping Service Report

9181966

Client Name Anadarko Petroleum Corporation	Well Name HSR Federal 14-36	Job Date June 30, 2013	Call Sheet 1026245
Client Representative Mr Traux Deal	Location Sec 36:T3N: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):	--- @ --

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
3.500	7.700	J-55	5,970.000	64.920	3.068	4.250	0.000	7,100.000
2.063	3.250	J-55	7,690.000	21.150	1.751	2.325	0.000	7,100.000

Products

Plug 1

From Depth (ft):
To Depth (ft):
Plug Type : N/A
Acids/Blends/Fluids :
Lead 1: 20 Sacks of Thermal 35, Density = 15.4 lb/gal, Volume Pumped = 5.4 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60
+ 0.5 % of CFR (Preblend),
+ 0.25 % of FMC (Preblend)

Fluid & Cement Data

Expected Cement Top: --					
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jun 05, 2013 09:11

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	201173	PICKUP	1 Ton	06/30/13 14:00	06/30/13 17:00
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	06/30/13 14:00	06/30/13 17:00
446153	TRAILER	Bulker	746153	TRACTOR	Tandem - Tractor	06/30/13 14:00	06/30/13 17:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hardwick, Waco	06/30/2013 14:00	06/30/2013 17:00		
Morris, Theodore	06/30/2013 14:00	06/30/2013 17:00		
Laslie, Larry	06/30/2013 14:00	06/30/2013 17:00		
Llaverias, Federico	06/30/2013 14:00	06/30/2013 17:00		