



**Pumping
Service Report**

9180083

Client Name Anadarko Petroleum Corporation	Well Name HSR Hanson 14-1	Job Date June 18, 2013	Call Sheet 1025918
Client Representative Traux Deal	Location Sec 1:T2S:R65W	Job Type Cement Top Off	

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	24.000	J-55	1,370.0	2,950.0	27.96	8.097	9.625	0.0	439.0
4.500	11.600	L-80	6,350.0	7,780.0	16.24	4.000	5.000	425.0	1,470.0

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	4.600	J-55	8,100.000	5.680	1.995	2.875	0.000	1,470.000

Products

Plug 1
From Depth (ft):
To Depth (ft):
Plug Type : N/A
Acids/Blends/Fluids :
Lead 1: 130 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 33.8 (bbl)
Water Temperature(°F) = 72 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 73

Fluid & Cement Data

Expected Cement Top:		Depth (ft): 150			
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	May 29, 2013 15:08