



Pumping Service Report

9184277

Client Name Anadarko Petroleum Corporation	Well Name Elmer Hergenreder #1	Job Date August 13, 2013	Call Sheet 1027884
Client Representative Mr Dave Donoho	Location NW SW Sec 28:T3N:R68W	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	--	408.000	7,640.000	--	--

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)
	8.625	24.000	J-55	1,370.0	2,950.0	25.98	8.097	9.625	0.0	408.0

Drill Pipe	Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
	4.500	16.600	E	10,390.000	108.640	3.826	6.250	0.000	7,640.000

Products

Plug 1

From Depth (ft):
To Depth (ft):
Plug Type : N/A
Acids/Blends/Fluids :
Lead 1: 140 Sacks of Thermal 35, Density = 15.4 lb/gal, Volume Pumped = 37.7 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60
+ 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	--	--	--	--	Aug 12, 2013 13:01
Water Based Mud	--	--	--	--	Aug 13, 2013 01:14



**Pumping
Service Report**

9184278

Client Name Anadarko Petroleum Corporation	Well Name Elmer Hergenreder #1	Job Date August 13, 2013	Call Sheet 1027921
Client Representative Mr Dave Donoho	Location NW SW Sec 28:T3N:R68W	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	--	408.000	7,300.000	--	--

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)
8.625	24.000	J-55	1,370.0	2,950.0	25.98	8.097	9.625	0.0	408.0

Drill Pipe									
Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To	
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)	
4.500	16.600	E	10,390.000	103.800	3.826	6.250	0.000	7,300.000	

Products

Plug 1	
From Depth (ft):	
To Depth (ft):	
Plug Type :	N/A
Acids/Blends/Fluids :	
Lead 1: 140 Sacks of Thermal 35, Density = 15.4 lb/gal, Volume Pumped = 38 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60	
+ 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	--	--	--	--	Aug 12, 2013 13:01
Water Based Mud	--	--	--	--	Aug 13, 2013 11:42