



**Pumping  
Service Report**

**9191409**

Client Name Anadarko Petroleum Corporation	Well Name Vantage Acres 1-24-17	Rig ECWS 7	Job Date May 18, 2014	Call Sheet 1042090
Client Representative Dave Donoho	Surface Well Location SE SW Sec 17:T1N:R65W	Down Hole Well Location	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 (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	---	--	--	--	--	--	0.0	176.0

**Tubing**

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.875	6.500	---	--	--	--	--	0.000	1,234.000

**Products**

**Plug 1**

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 450 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 107 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 55 , Slurry Temperature(°F) = 65

+ 1 % of CaCl<sub>2</sub> (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

**Fluid & Cement Data**

Expected Cement Top: Surface

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	May 17, 2014 21:00



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**Units & Personnel**

**Units**

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449095	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	05/18/2014 06:15	05/18/2014 10:00
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	05/18/2014 06:15	05/18/2014 10:00
446152	TRAILER	Bulker	746152	TRACTOR	Tandem - Tractor	05/18/2014 06:15	05/18/2014 10:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	05/18/2014 06:15	05/18/2014 10:00

**Crew and Bonuses**

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Douglass, Brian	05/18/2014 06:15	05/18/2014 10:00		
Hansen, Kevin	05/18/2014 06:15	05/18/2014 10:00		
Doran, Benjamin	05/18/2014 06:15	05/18/2014 10:00		
Melgarejo Herrera, Eduardo	05/18/2014 06:15	05/18/2014 10:00		

**Treatment Reports & Remarks**

**Treatment Report**

Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	May 18,2014 06:15	Arrive On Location	---	--	--	--	--	0.00
2	May 18,2014 06:25	Tailgate Meeting	---	--	--	--	--	0.00
3	May 18,2014 06:40	Rig In	---	--	--	--	--	0.00
4	May 18,2014 07:30	Safety Meeting	---	--	--	--	--	0.00
5	May 18,2014 07:38	Sign-off on Safety	---	--	--	--	--	0.00
6	May 18,2014 07:45	Establish Circulation	Water	2.00	150.0	--	2.00	2.00
		Remarks: fill lines						
7	May 18,2014 07:47	Pressure Test	---	--	1,500.0	--	--	2.00
8	May 18,2014 07:49	Pump	Water	2.00	100.0	--	8.00	10.00
9	May 18,2014 07:55	Mix Cement	0:1:0 Type III	2.00	250.0	--	117.00	127.00
10	May 18,2014 08:48	Pump Displacement	Water	2.00	150.0	--	1.00	128.00
11	May 18,2014 08:50	Stop	---	--	--	--	--	128.00
12	May 18,2014 09:00	Rig Out	---	--	--	--	--	128.00
13	May 18,2014 09:50	Job Complete	---	--	--	--	--	128.00
14	May 18,2014 09:55	Pre-Departure Meeting	---	--	--	--	--	128.00
15	May 18,2014 10:00	Leave Location	---	--	--	--	--	128.00

Did Float Hold: Not Applicable  
Fluid Returns : Yes  
Type : Cement  
Volume (bbl) : 2  
Temperature (°F) : 60  
FDAS Functioning Correctly : Yes  
Was the Program Followed As Per Design? : Yes

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

Canada • USA • International

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**Material Transfer Sheet Number**

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46134

46133