



**Pumping
Service Report**

9190891

Client Name Anadarko Petroleum Corporation	Well Name PSC 14-13	Job Date April 21, 2014	Call Sheet 1041361
Client Representative Larry Webb	Location SW SW Sec 13:T3N:R68W	Job Type Abandonment Plugs	Rig Basic 1549

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)
1.660	2.400	J-55	8,490.000	1.920	1.380	2.200	0.000	1,040.000

Products

Plug 1

From Depth (ft): 1040

To Depth (ft): 450

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 250 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 65 (bbl)

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

+ 1 % of CaCl₂ (Add On The Fly),

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Apr 21, 2014 13:00

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	200868	PICKUP	3/4 Ton	04/21/2014 14:30	04/21/2014 18:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	04/21/2014 14:30	04/21/2014 18:00
446173	TRAILER	Bulker	746173	TRACTOR	Tandem - Tractor	04/21/2014 14:30	04/21/2014 18:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Maguire, Matthew	04/21/2014 14:30	04/21/2014 18:00		
Prigmore, Dominic	04/21/2014 14:30	04/21/2014 18:00		
Hansen, Kevin	04/21/2014 14:30	04/21/2014 18:00		
Doran, Benjamin	04/21/2014 14:30	04/21/2014 18:00		
Peterson, Ryan	04/21/2014 14:30	04/21/2014 18:00		



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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	Apr 21, 2014 14:30	Arrive On Location	---	--	--	--	--	0.00
2	Apr 21, 2014 14:35	Tailgate Meeting	---	--	--	--	--	0.00
3	Apr 21, 2014 14:45	Rig In	---	--	--	--	--	0.00
4	Apr 21, 2014 15:30	Safety Meeting	---	--	--	--	--	0.00
5	Apr 21, 2014 15:40	Sign-off on Safety	---	--	--	--	--	0.00
6	Apr 21, 2014 15:45	Start - Fluid	Water	1.00	150.0	--	1.00	1.00
		Remarks: Filled lines with water.						
7	Apr 21, 2014 15:47	Pressure Test	---	--	1,500.0	--	--	1.00
		Remarks: All lines held pressure.						
8	Apr 21, 2014 16:00	Mix Cement	0:1:0 Type III	1.50	260.0	--	65.00	66.00
		Remarks: 250 sacks						
9	Apr 21, 2014 16:54	Displace Fluid	Water	1.00	550.0	--	1.50	67.50
		Remarks: Displaced 1.5 bbls of fresh water.						
10	Apr 21, 2014 16:55	Stop	---	--	--	--	--	67.50
11	Apr 21, 2014 16:59	Wash	Water	1.50	100.0	--	20.00	67.50
12	Apr 21, 2014 17:40	Rig Out	---	--	40.0	--	--	67.50
13	Apr 21, 2014 17:50	Pre-Departure Meeting	---	--	--	--	--	67.50
14	Apr 21, 2014 17:55	Job Complete	---	--	--	--	--	67.50
15	Apr 21, 2014 17:58	Leave Location	---	--	--	--	--	67.50

Did Float Hold: Not Applicable

Fluid Returns : Not Expected

Type :

Volume (bbl) :

Temperature (°F) : --

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

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