



**Pumping
Service Report**

9189418

Client Name Anadarko Petroleum Corporation	Well Name State 5 - 16	Job Date August 14, 2014	Call Sheet 1045574
Client Representative Bill Smith	Location SW NW Sec 16:T1N:R68W	Job Type Miscellaneous Pumping	

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)
4.500	11.600	J-55	4,960.0	5,350.0	23.17	4.000	5.000	0.0	1,491.0

Products

Plug 1

From Depth (ft): 1390
To Depth (ft): 1491
Plug Type : Abandonment
Acids/Blends/Fluids :
Tail: 200 sks of 0:1:0 Type III, Density = 14.8 lb/gal
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60
+ 0.5 % of CaCl₂,
+ 0.3 % of CFR-2,
+ 0.3 % of CFL-3,
+ 0.25 lb/sack of Polyflake

Fluid & Cement Data

Expected Cement Top: --					
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 05, 2014 17:19

Units & Personnel

Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201274	PICKUP	3/4 Ton				08/14/2014 08:30	08/14/2014 11:30
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	08/14/2014 08:30	08/14/2014 11:30
446075	TRAILER	Bulker	746075	TRACTOR	Tandem - Tractor	08/14/2014 08:30	08/14/2014 11:30

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Johnson, Quintin	08/14/2014 08:30	08/14/2014 11:30		
Barden, Sean	08/14/2014 08:30	08/14/2014 11:30		
Schimming, Michael	08/14/2014 08:30	08/14/2014 11:30		



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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	Aug 14,2014 08:30	Arrive On Location		--	--	--	--	0.00
		Remarks: arrived on time						
2	Aug 14,2014 08:40	Tailgate Meeting		--	--	--	--	0.00
		Remarks: talked about spotting trucks and rigging in						
3	Aug 14,2014 08:50	Rig In		--	--	--	--	0.00
		Remarks: rig into our head, 3rd party water, and our bulk truck						
4	Aug 14,2014 09:20	Sign-off on Safety		--	--	--	--	0.00
		Remarks: signed their and our JSA						
5	Aug 14,2014 09:21	Safety Meeting		--	--	--	--	0.00
		Remarks: talked about the job scope and safety concerns						
6	Aug 14,2014 09:38	Start - Fluid	Water	2.00	60.0	--	1.00	1.00
		Remarks: filled lines for pressure testing						
7	Aug 14,2014 09:41	Pressure Test	Water	0.00	2,000.0	--	0.00	1.00
		Remarks: pressured out lines and they held						
8	Aug 14,2014 09:43	Pump Preflush	Water	2.00	70.0	--	10.00	11.00
		Remarks: mixed up sapp						
9	Aug 14,2014 09:47	Pump Spacer	Water	3.00	150.0	--	7.00	18.00
		Remarks: pumped fresh between sapp and slurry						
10	Aug 14,2014 09:50	Mix Cement	0:1:0 Type III	3.00	183.0	--	47.70	65.70
		Remarks: mixed surry at 14.8						
11	Aug 14,2014 10:10	Drop Plug		--	--	--	--	65.70
		Remarks: sropped out rubber plug						
12	Aug 14,2014 10:12	Pump Displacement		3.50	300.0	--	22.00	87.70
		Remarks: dispalced the robber plug to 13.90						
13	Aug 14,2014 10:20	Stop		--	--	--	--	87.70
		Remarks: rig off head and go to wash up						
14	Aug 14,2014 10:25	Wash	Water	2.00	160.0	--	20.00	87.70
		Remarks: washed pumps and mix side						
15	Aug 14,2014 11:00	Rig Out		--	--	--	--	87.70
		Remarks: rig out our iron						
16	Aug 14,2014 11:10	Pre-Departure Meeting		--	--	--	--	87.70
		Remarks: Journey mangement						
17	Aug 14,2014 11:20	Job Complete		--	--	--	--	87.70
		Remarks: job done do a walk around and check trucks out						
18	Aug 14,2014 11:30	Leave Location		--	--	--	--	87.70
		Remarks: Go back to sanjel yard						