



**Pumping  
Service Report**

**9188633**

Client Name Anadarko Petroleum Corporation	Well Name State 4-16	Rig ECWS 22	Job Date August 06,2014	Call Sheet 1045139
Client Representative Bill Smith	Surface Well Location SW NW Sec 16:T1N:R68W	Down Hole Well Location	Job Type Miscellaneous Pumping	

<b>Well Profile</b>				
Well Type:	Oil			
Maximum Treating Pressure (psi):	---			
Predicted Bottom Hole Static Temperature (°F):	---	@	--	
Bottom Hole Circulating Temperature (°F):	---	@	--	
Bottom Hole Logged Temperature (°F):	---	@	--	

<b>Casing</b>										
<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Collapse Pressure</u>	<u>Internal Yield Pressure</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth From</u>	<u>Depth To</u>	
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)	
4.500	11.600	J-55	4,960.0	5,350.0	23.16	4.000	5.000	0.0	1,490.0	

<b>Products</b>	
<b>Plug 1</b>	
From Depth (ft):	880
To Depth (ft):	1490
Plug Type :	Well Stability
Acids/Blends/Fluids :	
Tail: 130 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 30.79 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80	
+ 0.25 lb/sack of Polyflake (Preblend),	
+ 0.5 % of CaCl2 (Preblend),	
+ 0.3 % of CFR-2 (Preblend),	
+ 0.3 % of CFL-3 (Preblend)	

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

<b>Attachment &amp; Tools</b>		
<b>Tubular Plugs</b>		
<u>Tubular Plug Type</u>	<u>Size (in)</u>	<u>Supplier</u>
Rubber Top	4.500	Sanjel



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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
201191	PICKUP	1 Ton				08/06/2014 06:30	08/06/2014 10:00
740004	BODY JOB	C & A				08/06/2014 06:30	08/06/2014 10:00
746506	BODY JOB	Baby Bulker				08/06/2014 06:30	08/06/2014 10:00

**Crew and Bonuses**

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hall, Andrew J	08/06/2014 06:30	08/06/2014 10:00		
Prigmore, Dominic	08/06/2014 06:30	08/06/2014 10:00		
Paiu, Vladislav	08/06/2014 06:30	08/06/2014 10:00		
Leue, David	08/06/2014 06:30	08/06/2014 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	Aug 06,2014 06:30	Arrive On Location	---	--	--	--	--	0.00
2	Aug 06,2014 06:45	Tailgate Meeting	---	--	--	--	--	0.00
3	Aug 06,2014 07:00	Rig In	---	--	--	--	--	0.00
4	Aug 06,2014 07:30	Safety Meeting	---	--	--	--	--	0.00
5	Aug 06,2014 07:40	Sign-off on Safety	---	--	--	--	--	0.00
6	Aug 06,2014 07:45	Pressure Test	Water	1.00	1,500.0	--	3.00	3.00
7	Aug 06,2014 08:00	Pump	Water	3.00	200.0	--	20.00	23.00
		Remarks: SMS						
8	Aug 06,2014 08:10	Pump Spacer	Water	3.00	200.0	--	5.00	28.00
9	Aug 06,2014 08:13	Pump	0:1:0 Type III	3.00	300.0	--	30.79	58.79
10	Aug 06,2014 08:23	Drop Plug	---	--	--	--	--	58.79
11	Aug 06,2014 08:25	Displace Fluid	Water	3.00	300.0	--	22.50	81.29
12	Aug 06,2014 08:40	Wash	Water	2.00	22.0	--	10.00	91.29
13	Aug 06,2014 09:15	Rig Out	---	--	--	--	--	91.29
14	Aug 06,2014 09:40	Job Complete	---	--	--	--	--	91.29
15	Aug 06,2014 09:50	Pre-Departure Meeting	---	--	--	--	--	91.29
16	Aug 06,2014 10:00	Leave Location	---	--	--	--	--	91.29

Did Float Hold: Not Applicable  
 Fluid Returns : No  
 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  
 9882



**Pumping  
Service Report**

**9189412**

Client Name Anadarko Petroleum Corporation	Well Name State 4 - 16	Rig ECWS 22	Job Date August 08,2014	Call Sheet 1045294
Client Representative Bill Smith	Surface Well Location SW NW Sec 16:T1N:R68W	Down Hole Well Location	Job Type Cement Misc.	

<b>Well Profile</b>				
Well Type:	Oil			
Maximum Treating Pressure (psi):	---			
Predicted Bottom Hole Static Temperature (°F):	---	@	--	
Bottom Hole Circulating Temperature (°F):	---	@	--	
Bottom Hole Logged Temperature (°F):	---	@	--	

<b>Casing</b>										
<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Collapse Pressure</u>	<u>Internal Yield Pressure</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth From</u>	<u>Depth To</u>	
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)	(ft)
4.500	11.600	J-55	4,960.0	5,350.0	20.21	4.000	5.000	0.0	1,300.0	

<b>Tubing</b>										
<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Collapse Pressure</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth From</u>	<u>Depth To</u>		
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)	(ft)	
2.375	4.700	J-55	8,100.000	5.030	1.995	2.910	0.000	1,300.000		

<b>Products</b>	
<b>Plug 1</b>	
From Depth (ft):	1300
To Depth (ft):	971
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Tail: 25 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 5.1 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60	

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

<b>Units &amp; Personnel</b>							
<b>Units</b>							
<u>Truck Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Tractor Unit No.</u>	<u>Main Type</u>	<u>Sub Type</u>	<u>Time On Location</u>	<u>Time Off Location</u>
201274	PICKUP	3/4 Ton				08/08/2014 16:20	08/08/2014 18:30
740069	BODY JOB	C & A				08/08/2014 16:20	08/08/2014 18:30
746508	BODY JOB	Baby Bulker				08/08/2014 16:20	08/08/2014 18:30

<b>Crew and Bonuses</b>					
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>	
Johnson, Quintin	08/08/2014 16:20	08/08/2014 18:20			
Prigmore, Dominic	08/08/2014 16:20	08/08/2014 18:20			
Leue, David	08/08/2014 16:20	08/08/2014 18:20			



**Pumping  
Service Report**

**9189412**

**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 08,2014 16:20	Arrive On Location Remarks: arrived on time	---	--	--	--	--	0.00
2	Aug 08,2014 16:25	Tailgate Meeting Remarks: talked about spotting trucks and rigging in	---	--	--	--	--	0.00
3	Aug 08,2014 16:30	Rig In Remarks: rigged into the well and our bulk trucks and 3rd party water	---	--	--	--	--	0.00
4	Aug 08,2014 16:40	Sign-off on Safety Remarks: signed their and our JSA	---	--	--	--	--	0.00
5	Aug 08,2014 16:41	Safety Meeting Remarks: talked about the job scope and safety concerns	---	--	--	--	--	0.00
6	Aug 08,2014 16:58	Start - Fluid Remarks: filled lines for pressure test	Water	1.00	60.0	--	1.00	1.00
7	Aug 08,2014 17:02	Pressure Test Remarks: pressured lines and they are good	Water	0.00	2,000.0	--	0.00	1.00
8	Aug 08,2014 17:04	Establish Circulation Remarks: got circulation	---	1.00	60.0	--	1.00	2.00
9	Aug 08,2014 17:10	Mix Cement Remarks: pumped it at 15.8 off the mud scale	0-1-0 G	1.50	60.0	--	5.10	7.10
10	Aug 08,2014 17:15	Pump Displacement Remarks: displaced to a balance	Water	1.75	60.0	--	4.80	11.90
11	Aug 08,2014 17:18	Stop Remarks: stop rig off for wash up	---	--	--	--	--	11.90
12	Aug 08,2014 17:24	Wash Remarks: washed mix and did run backs	Water	2.00	60.0	--	15.00	26.90
13	Aug 08,2014 17:50	Rig Out Remarks: rig out our trucks	---	--	--	--	--	26.90
14	Aug 08,2014 18:10	Pre-Departure Meeting Remarks: journey mangedmant	---	--	--	--	--	26.90
15	Aug 08,2014 18:20	Job Complete Remarks: do a complete walk around	---	--	--	--	--	26.90
16	Aug 08,2014 18:30	Leave Location Remarks: go back to Sanjel yard	---	--	--	--	--	26.90

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