



9201121

Client Name Anadarko Petroleum Corporation	Well Name Four Way 12-16	Rig BWS 14	Job Date January 20,2015	Call Sheet 1053802
Client Representative Mr. Edgar Chavez	Surface Well Location SW NW Sec 16:T2N:R65W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Bushnell, Cody (21127)

**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):	--- @ --

Size	Weight	Grade	Collapse Pressure	Internal Yield Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
4.500	11.600	J-55	4,960.0	5,350.0	118.59	4.000	5.000	0.0	7,630.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	4.700	J-55	8,100.000	29.500	1.995	2.910	0.000	7,630.000

**Products**

**Plug 1**

From Depth (ft): 6451  
To Depth (ft): 7625  
Plug Type : Abandonment  
Acids/Blends/Fluids :  
Tail: 70 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 18.8 (bbl)  
Water Temperature(°F) = 40 , Bulk Temperature(°F) = 40 , Slurry Temperature(°F) = 40  
+ 0.5 % of CFR-2 (Preblend),  
+ 0.25 % of FMC (Preblend)

**Plug 2**

From Depth (ft): 4146  
To Depth (ft): 4940  
Plug Type : Abandonment  
Acids/Blends/Fluids :  
Tail: 60 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 12.2 (bbl)  
Water Temperature(°F) = 40 , Bulk Temperature(°F) = 40 , Slurry Temperature(°F) = 40  
+ 0.5 % of CFR-2 (Preblend),  
+ 0.25 % of FMC (Preblend),  
+ 0.5 % of LWA (Preblend),  
+ 0.25 lb/sack of Polyflake (Preblend)

**Fluid & Cement Data**

Expected Cement Top: Depth (ft): 4146

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Jan 05, 2015 15:14



**Units & Personnel**

<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>
200898	PICKUP	1/2 Ton				01/20/2015 06:30	01/20/2015 11:00
740077	BODY JOB	C & A				01/20/2015 06:30	01/20/2015 11:00
446171	TRAILER	Bulker	746171	TRACTOR	Tandem - Tractor	01/20/2015 06:30	01/20/2015 11:00

<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>
Bushnell, Cody (21127)	01/20/2015 06:30	01/20/2015 11:00		
McMartin, Granite (22138)	01/20/2015 06:30	01/20/2015 11:00		
Scott, Derek (29603)	01/20/2015 06:30	01/20/2015 11:00		
Hall, Austin (28887)	01/20/2015 06:30	01/20/2015 11:00		



**Treatment Reports & Remarks**

**Treatment Report**

<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u> ( <u>bbbl/min</u> )	<u>Tubular Pressure</u> ( <u>psi</u> )	<u>Annular Pressure</u> ( <u>psi</u> )	<u>Stage Volume</u> ( <u>bbbl</u> )	<u>Total Volume</u> ( <u>bbbl</u> )
1	Jan 20,2015 07:00	Arrive On Location		--	--	--	--	0.00
2	Jan 20,2015 07:15	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Jan 20,2015 07:30	Rig in Complete		--	--	--	--	0.00
4	Jan 20,2015 07:45	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Jan 20,2015 07:57	Pressure Test Start	Water	0.00	0.0	0.0	0.00	0.00
		Remarks: Test Sanjel Lines						
6	Jan 20,2015 07:59	Pressure Test Complete	Water	0.00	0.0	0.0	0.00	0.00
7	Jan 20,2015 07:59	Pump	Water	3.00	1,500.0	0.0	10.00	10.00
		Remarks: Establish Circulation						
8	Jan 20,2015 08:06	Pump	Thermal 35	3.00	500.0	0.0	18.20	28.20
9	Jan 20,2015 08:14	Pump	Water	3.00	300.0	0.0	23.50	51.70
		Remarks: Displace To Balance						
10	Jan 20,2015 08:30	Pull Pipe		0.00	0.0	0.0	0.00	51.70
		Remarks: Prepare to set next plug						
11	Jan 20,2015 09:33	Pump	Water	3.00	500.0	0.0	10.00	10.00
		Remarks: Establish Circulation						
12	Jan 20,2015 09:35	Pump	0-1-0 G	3.00	600.0	0.0	12.30	22.30
13	Jan 20,2015 09:40	Pump	Water	3.00	300.0	0.0	14.50	36.80
		Remarks: Displace To Balance						
14	Jan 20,2015 11:00	Job Complete		0.00	0.0	0.0	0.00	51.70
15	Jan 20,2015 11:00	Leave Location		0.00	0.0	0.0	0.00	51.70

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

55169



# Pumping Service Report

9201487

Client Name Anadarko Petroleum Corporation	Well Name Four Way 12-16	Rig BWS 14	Job Date January 22,2015	Call Sheet 1053967
Client Representative Mr. Edgar Chavez	Surface Well Location SW NW Sec 16:T2N:R65W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Hall, Andrew J (25267)

## 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					
<u>Size (in)</u>	<u>Excess (%)</u>	<u>TMD From (ft)</u>	<u>TMD To (ft)</u>	<u>TVD From (ft)</u>	<u>TVD To (ft)</u>
9.500	20.000	0.000	1,480.000	--	--

Casing										
<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)	
8.625	24.000	J-55	1,370.0	2,950.0	54.77	8.097	9.625	0.0	860.0	
4.500	11.600	J-55	4,960.0	5,350.0	23.00	4.000	5.000	0.0	1,480.0	

Tubing										
<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)		
2.375	4.700	J-55	8,100.000	5.720	1.995	2.910	0.000	1,480.000		

## Products

<b>Plug 1</b>	
From Depth (ft):	660
To Depth (ft):	1480
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Plug: 390 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 92.38 (bbl)	
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 60	
+ 1 % of CaCl2 (Preblend),	
+ 0.3 % of CFL-3 (Preblend),	
+ 0.3 % of CFR-2 (Preblend),	
+ 0.4 % of CDF-4P (Preblend),	
+ 0.25 lb/sack of Polyflake (Preblend)	

## Fluid & Cement Data

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	--	--	Jan 05, 2015 15:14



**Units & Personnel**

<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>
449087	TRAILER	Utility Trailer	201017	PICKUP	1 Ton	01/22/2015 07:00	01/22/2015 10:30
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	01/22/2015 07:00	01/22/2015 10:30
446152	TRAILER	Bulker	746152	TRACTOR	Tandem - Tractor	01/22/2015 07:00	01/22/2015 10:30
201346	PICKUP	1/2 Ton				01/22/2015 07:00	01/22/2015 10:30

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Hall, Andrew J (25267)	01/22/2015 07:00	01/22/2015 10:30		
Svoboda, Miloslav (28226)	01/22/2015 07:00	01/22/2015 10:30		
Faircloth, Branden (29706)	01/22/2015 07:00	01/22/2015 10:30		
Peterson, Ryan (28158)	01/22/2015 07:00	01/22/2015 10:30		
Joyner, Barlen (28603)	01/22/2015 07:00	01/22/2015 10:30		



**Treatment Reports & Remarks**

**Treatment Report**

<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u> (bbl/min)	<u>Tubular Pressure</u> (psi)	<u>Annular Pressure</u> (psi)	<u>Stage Volume</u> (bbl)	<u>Total Volume</u> (bbl)
1	Jan 22,2015 07:00	Arrive On Location		--	--	--	--	0.00
2	Jan 22,2015 07:30	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Jan 22,2015 07:45	Rig in Complete		--	--	--	--	0.00
4	Jan 22,2015 07:50	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Jan 22,2015 08:10	Pressure Test Start	Water	1.00	2,000.0	--	2.00	2.00
6	Jan 22,2015 08:15	Pressure Test Complete	Water	--	--	--	--	2.00
7	Jan 22,2015 08:20	Pump Preflush	Water	2.00	200.0	--	10.00	12.00
		Remarks: Sapp						
8	Jan 22,2015 08:30	Pump	Water	1.00	200.0	--	10.00	22.00
9	Jan 22,2015 08:35	Pump	0:1:0 Type III	92.38	700.0	--	3.50	25.50
10	Jan 22,2015 09:05	Displace Fluid	Water	3.00	700.0	--	1.50	27.00
11	Jan 22,2015 09:30	Rig Out		--	--	--	--	27.00
12	Jan 22,2015 10:00	Job Complete		--	--	--	--	27.00
13	Jan 22,2015 10:15	Leave Location		--	--	--	--	27.00

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  
 55190  
 55196