



**Pumping  
Service Report**

**9193271**

Client Name Anadarko Petroleum Corporation	Well Name Couture #1	Rig Concord Well Servicing 5	Job Date September 16, 2014	Call Sheet 1047150
Client Representative Mr. Caesar Prieto	Surface Well Location NW NW Sec 11:T4N:R68W	Down Hole Well Location	Job Type Circulation Squeeze	

**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	—	—	—	—	—	—	—	—

**Tubing**

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.375	4.700	—	—	—	—	—	0.000	7,055.000

**Products**

**Plug 1**

From Depth (ft): 6330

To Depth (ft): 7055

Plug Type : Well Stability

Acids/Blends/Fluids :

Tail: 55 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 11.2 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 76

+ 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): 6330

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	—	8.400	—	—	Sep 04, 2014 20:09



**Pumping  
Service Report**

**9193271**

**Units & Personnel**

**Units**

<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				09/16/2014 07:00	09/16/2014 09:00
740004	BODY JOB	C & A				09/16/2014 07:00	09/16/2014 09:00
746508	BODY JOB	Baby Bulker				09/16/2014 07:00	09/16/2014 09:00

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Douglass, Brian	09/16/2014 07:00	09/16/2014 09:00		
Laeger, Kacey	09/16/2014 07:00	09/16/2014 09:00		
Martinez, Fernando	09/16/2014 07:00	09/16/2014 09:00		

**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	Sep 16, 2014 07:00	Arrive On Location		--	--	--	--	0.00
2	Sep 16, 2014 07:05	Tailgate Meeting		--	--	--	--	0.00
3	Sep 16, 2014 07:15	Rig In		--	--	--	--	0.00
4	Sep 16, 2014 07:25	Safety Meeting		--	--	--	--	0.00
5	Sep 16, 2014 07:30	Sign-off on Safety		--	--	--	--	0.00
6	Sep 16, 2014 07:38	Establish Circulation	Water	1.00	50.0	--	1.00	1.00
		Remarks: fill lines						
7	Sep 16, 2014 07:39	Pressure Test		--	3,000.0	--	--	1.00
8	Sep 16, 2014 07:42	Establish Circulation	Water	2.00	200.0	--	3.00	4.00
9	Sep 16, 2014 07:48	Mix Cement	0-1-0 G	1.50	100.0	--	11.20	15.20
10	Sep 16, 2014 07:48	Pump Displacement	Water	2.00	200.0	--	24.00	39.20
11	Sep 16, 2014 08:08	Stop		--	--	--	--	39.20
12	Sep 16, 2014 08:10	Rig Out		--	--	--	--	39.20
13	Sep 16, 2014 08:40	Job Complete		--	--	--	--	39.20
14	Sep 16, 2014 08:45	Pre-Departure Meeting		--	--	--	--	39.20
15	Sep 16, 2014 09:00	Leave Location		--	--	--	--	39.20

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

46434

## CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COR		<b>DATE</b> 18-SEP-14		<b>F.R. #</b> 10011100278		<b>SERV. SUPV.</b> TIM ADAMS							
<b>LEASE &amp; WELL NAME</b> COUTURE #1 - API 05123108670000		<b>LOCATION</b> 11-4N-68W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado									
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b>		<b>TYPE OF JOB</b> Squeeze-Perforation									
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>	<b>MD</b>	<b>TVD</b>			
NONE				Retainers		3420	3420	NONE	0	0			
<b>MATERIALS FURNISHED BY BJ</b>		<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>									
				<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>			
Squeeze Slurry		C09-070-14		520	15.8	1.15	4.96	02:06	106.91	61.39			
Fresh Water		NA		0	8.34	0	0	00:00	10				
Fresh Water		NA		0	8.34	0	0	00:00	5				
SMS		NA		0	8.34	0	0	00:00	20				
Fresh Water		NA		0	8.34	0	0	00:00	5				
<b>Available Mix Water</b> 170 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 35 <b>Bbl.</b>		<b>TOTAL</b>				146.91	61.39				
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>						<b>COLLAR DEPTHS</b>				
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>	
0	0	0	4	4.5	11.6	CSG	4063	4063	K-55				
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>			<b>PERF. DEPTH</b>			<b>TOP CONN</b>		<b>WELL FLUID</b>		
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
4	4.5	11.6	CSG	4063	4063	WEATHERFORD CEMENT R	3420	3380	4063	2.375	8RND	WATER BASED	8.4
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>		<b>MIX WATER</b>		
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>			
10	BBLS	Fresh Water	8.34	0	0	3000	6160	3000	0	0	WATER TRUCK		
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 2 BPM				
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL						PV & YP Mud In: 0			PV & YP Mud Out: 0				
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:						Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>							
<b>Displacement And Mud Removal</b>													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 0 BBLS							
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: VISUAL							
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID				
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD													
<b>Plugs</b>													
Number of Attempts by BJ: 0 Competition: 0						Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:							
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Top of Plug: 0 FT			Bottom of Plug: 0 FT				
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>													
BLOCK SQUEEZE <input type="checkbox"/> SHOE SQUEEZE <input type="checkbox"/> TOP OF LINER SQUEEZE <input type="checkbox"/> PLANNED <input checked="" type="checkbox"/> UNPLANNED <input type="checkbox"/>													
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			PSI Applied: 2319 Fluid Weight: 15.8 LBS/GAL				
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>													
Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud						Time Held: 00 Hours 00 Minutes							
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE</b>													
<b>PRESSURE/RATE DETAIL</b>						<b>EXPLANATION</b>							



# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL  
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 None

PRESSURE/RATE DETAIL						EXPLANATION
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				TEST LINES 4220 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
10:38	0	0	0	0	NA	LEAVE (OTHER LOCATION)
11:15	0	0	0	0	NA	ARRIVE ON LOCATION (33 MILES, RIG READY)
11:27	0	0	0	0	NA	SPOT TRUCKS
11:37	0	0	0	0	NA	PRE RIG-UP SAFETY MEETING
12:10	0	0	0	0	NA	PRE-JOB SAFETY MEETING
12:29	55	0	1.3	1	H2O	LOAD LINES
12:32	4220	0	0	0	H2O	PRESSURE TEST
12:36	1892	0	3.3	7.5	H2O	ESTABLISH FLOW
12:45	1780	0	3.1	20	H2O	SMS SPACER
12:52	1975	0	3.1	5	H2O	WATER SPACER
12:57	2319	0	3.3	102	CMT	BATCH / WEIGH / PUMP CEMENT 520SX 15.8PPG
13:43	1117	0	2.4	10	H2O	DISPLACEMENT
13:48	936	0	0	0	NA	SHUT DOWN
13:54	0	0	0	0	NA	BLEED OFF / WASH UP / SAFETY RIG DOWN MEETING

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	146	0	Y <input checked="" type="checkbox"/> N	

## CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COI			<b>DATE</b> 19-SEP-14		<b>F.R. #</b> 10011100820			<b>SERV. SUPV.</b> FELIPE LANDA					
<b>LEASE &amp; WELL NAME</b> COUTURE #1 - API 05123108670000			<b>LOCATION</b> 11-4N-68W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado							
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> WO			<b>TYPE OF JOB</b> Plug & Abandon							
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>		<b>MD</b>	<b>TVD</b>		
<b>MATERIALS FURNISHED BY BJ</b>				<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>							
						<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>	
Plug Slurry						260	14.8	1.33	6.31		61.46	39.05	
Fresh Water							8.34				5		
Fresh Water							8.34				5		
<b>Available Mix Water</b> 200 <b>Bbl.</b>				<b>Available Displ. Fluid</b> 200 <b>Bbl.</b>				<b>TOTAL</b>		71.46	39.05		
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>							<b>COLLAR DEPTHS</b>			
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>	
12.25		900	8.097	8.625	24	CSG	202	202					
			1.995	2.375	4.7	TBG	900						
			4	4.5	11.6	CSG	900						
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>				<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</b>		
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
						NO PACKER	0			2.375	8RD	WATER BASED	8.4
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>		<b>MIX WATER</b>		
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>			
3	BBLS	Fresh Water	8.34	0	0	0	8100	3000	0	0	TRANSPORT		
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 2 BPM				
Mud Density In: 8.4 LBS/GAL Mud Density Out: 8.4 LBS/GAL						PV & YP Mud In:			PV & YP Mud Out:				
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:						Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>							
<b>Displacement And Mud Removal</b>													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>						Amount Bled Back After Job: 0 BBLS							
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL						Method Used to Verify Returns: VISUAL							
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES							
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Quantity:		Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID					
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD													
<b>Plugs</b>													
Number of Attempts by BJ: 0						Competition:		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:					
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES								Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES								Top of Plug: 0 FT Bottom of Plug: 0 FT					
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>													
BLOCK SQUEEZE <input type="checkbox"/>						SHOE SQUEEZE <input type="checkbox"/>		TOP OF LINER SQUEEZE <input type="checkbox"/>		PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>			
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES						Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		PSI Applied: 0		Fluid Weight: 0 LBS/GAL			
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>													
Casing Test Pressure: 0 PSI						With 0 LBS/GAL Mud		Time Held: 00 Hours 00 Minutes					
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE</b>													
<b>PRESSURE/RATE DETAIL</b>						<b>EXPLANATION</b>							

# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL  
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
 NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 OVER DISPLACED PER COMPANY MANS REQUEST

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 NONE

### PRESSURE/RATE DETAIL

### EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4114 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
07:00	0	0	0	0	NA	ARRIVE ON LOCATION (waiting on water truck)	
07:30	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING	
08:35	0	0	0	0	NA	SAFETY MEETING	
08:54	153	0	.8	1	H2O	LOAD LINES	
08:56	4114	0	0	0	H2O	PRESSURE TEST	
08:58	202	0	2.8	5	H2O	FRESH WATER	
09:12	305	0	2.8	56	CEMENT	260 SACKS OF TYPE III CEMENT + 0.25 lbs/sack CELLO FLAKE + 0.01 gps FP-6L @ 14.8 PPG	
09:35	324	0	2.8	1	H2O	DISPLACE	
09:36	0	0	0	0	H2O	BALANCE CEMENT	
09:38	0	0	0	0	NA	RIG PULLED TUBING UP 90 FEET	
09:43	208	0	1.3	4	H2O	DISPLACE 4 MORE BBLs PER COMPANY MANS REQUEST	
10:00	0	0	0	0	NA	POST JOB RIG DOWN SAFETY MEETING	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	66	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



## Pumping Service Report

9198783

Client Name Anadarko Petroleum Corporation	Well Name Couture #1	Rig	Job Date September 22, 2014	Call Sheet 1047532
Client Representative Daniel Olmeda	Surface Well Location Sec 11:T4N:R68W	Down Hole Well Location	Job Type Cement Misc.	Lead Supervisor

### 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)
8.625	24.000	J-55	1,370.0	2,950.0	4.46	8.097	9.625	0.0	70.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
1.050	1.200	J-55	10,560.000	0.050	0.824	1.660	0.000	70.000

### Products

#### Plug 1

From Depth (ft): 20  
To Depth (ft): 70  
Plug Type : Abandonment  
Acids/Blends/Fluids :  
Tail: 50 Sacks of Control Set C, Density = 12.5 lb/gal, Volume Pumped = 5.5 (bbl)  
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80

### 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 01, 2014 10:36

### Units & Personnel

#### Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449087	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	09/22/2014 15:00	09/22/2014 20:30
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	09/22/2014 15:00	09/22/2014 20:30
746502	BODY JOB	Baby Bulker				09/22/2014 15:00	09/22/2014 20:30

#### Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hall, Andrew J (25267)	09/22/2014 15:00	09/22/2014 20:30		
Cox, Brandon (27419)	09/22/2014 15:00	09/22/2014 20:30		
Hansen, Ted (29055)	09/22/2014 15:00	09/22/2014 20:30		
Hall, Austin (28887)	09/22/2014 15:00	09/22/2014 20:30		

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

Canada • USA • International

Print Date: December 16, 2014  
Service Report: 9198783  
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## Pumping Service Report

9198783

### 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	Sep 22,2014 15:00	Arrive On Location		--	--	--	--	0.00
2	Sep 22,2014 15:15	Tailgate Meeting		--	--	--	--	0.00
3	Sep 22,2014 15:30	Rig In		--	--	--	--	0.00
4	Sep 22,2014 16:00	Stop		--	--	--	--	0.00
Remarks: Wait for vac truck								
5	Sep 22,2014 17:40	Safety Meeting		--	--	--	--	0.00
6	Sep 22,2014 18:00	Sign-off on Safety		--	--	--	--	0.00
7	Sep 22,2014 18:10	Pump	Control Set C	0.50	50.0	--	5.20	5.20
8	Sep 22,2014 19:00	Wash	Water	1.00	22.0	--	20.00	25.20
9	Sep 22,2014 19:30	Rig Out		--	--	--	--	25.20
10	Sep 22,2014 19:45	Job Complete		--	--	--	--	25.20
11	Sep 22,2014 20:00	Pre-Departure Meeting		--	--	--	--	25.20
12	Sep 22,2014 20:15	Leave Location		--	--	--	--	25.20

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 2

Temperature (°F) : 90

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

### Comments To Service Report

We pumped 5.2 bbl of slurry @ 12.5.