



Cementing Service Report

9209953

Client Name Anadarko Petroleum Corporation	Well Name Croissant # 2	Rig Concord Well Servicing 9	Job Date January 18, 2016	Call Sheet 1064023
Client Representative Mr. Chris Row	Surface Well Location SW SE Sec 20:T5S:R67W	Down Hole Well Location	Job Type Cement Misc.	Lead Supervisor Hansen, Kevin (27592)

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	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		--	--	--	--	--	0.0	6,000.0

Tubing

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	0.000		--	--	--	--	0.000	5,545.000

Products

Plug 1

From Depth (ft): 5537

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 85 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 17.4 (bbl)

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

+ 0.5 % of CFR-2 (Preblend),

+ 0.2 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 5537

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Dec 23, 2015 10:00

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	5,537.000	Client



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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>
201009	PICKUP	1 Ton				01/18/2016 07:00	01/18/2016 12:00
740017	BODY JOB	C & A				01/18/2016 07:00	01/18/2016 12:00
746506	BODY JOB	Baby Bulker				01/18/2016 07:00	01/18/2016 12:00
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>		<u>End Shift</u>		<u>Second Start Shift</u>		<u>Second End Shift</u>
Hansen, Kevin (27592)	01/18/2016 07:00		01/18/2016 12:00				
Devine, Richard (29733)	01/18/2016 07:00		01/18/2016 12:00				
Phillips, James (23627)	01/18/2016 07:00		01/18/2016 12:00				

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	Jan 18,2016 07:00	Arrive On Location		--	--	--	--	0.00	
2	Jan 18,2016 07:10	Crew Briefing (Rig in)		--	--	--	--	0.00	
		Remarks: Discussed spotting trucks and filled out JSA							
3	Jan 18,2016 09:00	Rig in Complete		--	--	--	--	0.00	
4	Jan 18,2016 09:30	Crew Briefing (Pre Job)		--	--	--	--	0.00	
		Remarks: Discussed upcoming job and safety concerns with rig crew							
5	Jan 18,2016 09:52	Pressure Test Start	Water	2.00	400.0	--	2.00	2.00	
		Remarks: Filled lines for pressure test							
6	Jan 18,2016 09:55	Pressure Test Complete		--	3,000.0	--	--	2.00	
		Remarks: Pressure test good							
7	Jan 18,2016 09:56	Establish Circulation	Water	2.00	1,400.0	--	5.00	7.00	
8	Jan 18,2016 09:59	Mix Cement	0-1-0 G	2.00	1,400.0	--	17.40	24.40	
		Remarks: D-15.8, Y-1.15, WR-4.98							
9	Jan 18,2016 10:04	Mix Cement		--	--	--	--	24.40	
		Remarks: Weigh slurry to verify density							
10	Jan 18,2016 10:15	Displace Fluid	Water	2.00	1,200.0	--	21.40	45.80	
11	Jan 18,2016 10:30	Job Complete		--	--	--	--	45.80	
12	Jan 18,2016 10:35	Wash		--	--	--	--	45.80	
13	Jan 18,2016 11:15	Rig Out		--	--	--	--	45.80	
14	Jan 18,2016 11:45	Pre-Departure Meeting		--	--	--	--	45.80	
		Remarks: Discussed journey management							
15	Jan 18,2016 12:00	Leave Location		--	--	--	--	45.80	
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									
63352									
63353									



Cementing Service Report

9208220

Client Name Anadarko Petroleum Corporation	Well Name Croissant # 2	Rig Concord Well Servicing 9	Job Date January 19, 2016	Call Sheet 1064083
Client Representative Mr. Jose Cruz	Surface Well Location SW SE Sec 20:T5N:R67W	Down Hole Well Location	Job Type Cement Misc.	Lead Supervisor Contreras, Bennie (23469)



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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	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	69.57	4.000	5.000	0.0	4,476.0	
Tubing										
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	17.310	1.995	2.910	0.000	4,476.000		

Products

Plug 1

From Depth (ft): 4283

To Depth (ft): 4476

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 15 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 3 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 45 , Slurry Temperature(°F) = 63

+ 0.5 % of CFR-2 (Preblend),

+ 0.2 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Dec 23, 2015 10:00

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201166	PICKUP	1 Ton				01/19/2016 10:00	01/19/2016 12:45
445044	TRAILER	SCM Twin	745044	TRACTOR	Tandem - Tractor	01/19/2016 10:00	01/19/2016 12:45
746506	BODY JOB	Baby Bulker				01/19/2016 10:00	01/19/2016 12:45

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Contreras, Bennie (23469)	01/19/2016 10:00	01/19/2016 12:45		
Carter, Henry (30641)	01/19/2016 10:00	01/19/2016 12:45		
Cox, Brandon (27419)	01/19/2016 10:00	01/19/2016 12:45		
Pyfer, Kevin (29802)	01/19/2016 10:00	01/19/2016 12:45		



Cementing Service Report

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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	Jan 19, 2016 10:00	Arrive On Location		--	--	--	--	0.00
	Remarks: Arrived.							
2	Jan 19, 2016 10:10	Crew Briefing (Rig In)		--	--	--	--	0.00
	Remarks: STEACS							
3	Jan 19, 2016 10:45	Rig in Complete		--	--	--	--	0.00
	Remarks: Rig in complete.							
4	Jan 19, 2016 10:46	Crew Briefing (Pre Job)		--	--	--	--	0.00
	Remarks: Muster, 911 caller, Nearest med., Amb. and driver, Location safety equipt., Job scope.							
5	Jan 19, 2016 11:15	Pressure Test Start	Water	--	1,500.0	--	--	0.00
	Remarks: 1500 psi pressure test.							
6	Jan 19, 2016 11:17	Pressure Test Complete		--	--	--	--	0.00
	Remarks: Test complete.							
7	Jan 19, 2016 11:18	Establish Circulation	Water	1.70	250.0	--	2.00	2.00
	Remarks: 2 BBLs of fresh water to establish circulation.							
8	Jan 19, 2016 11:28	Mix Cement	0-1-0 G	1.80	200.0	--	3.00	5.00
	Remarks: Mix and pump 3 BBLs of cement @ 15.8 lb/gal.							
9	Jan 19, 2016 11:30	Displace Fluid	Water	2.20	370.0	--	15.00	20.00
	Remarks: Displace 15 BBLs of water to balance plug.							
10	Jan 19, 2016 12:20	Rig Out		--	--	--	--	20.00
	Remarks: Rig out.							
11	Jan 19, 2016 12:35	Job Complete		--	--	--	--	20.00
	Remarks: Job complete.							
12	Jan 19, 2016 12:45	Leave Location		--	--	--	--	20.00
	Remarks: Leave.							
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						



Cementing Service Report

9209939

Client Name Anadarko Petroleum Corporation	Well Name Croissant # 2	Rig Concord Well Servicing 9	Job Date January 21, 2016	Call Sheet 1064166
Client Representative Mr. Jose Cruz	Surface Well Location SW SE Sec 20:T5N:R67W	Down Hole Well Location	Job Type Cement Misc.	Lead Supervisor Laeger, Kacey (25046)

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	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	69.57	4.000	5.000	0.0	4,476.0	
Tubing										
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	17.310	1.995	2.910	0.000	4,476.000		

Products										
Plug 1										
From Depth (ft):		4153.5								
To Depth (ft):		4476								
Plug Type :		Abandonment								
Acids/Blends/Fluids :		Plug: 25 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 5 (bbl) Water Temperature(°F) = 45 , Bulk Temperature(°F) = 25 , Slurry Temperature(°F) = 39 + 0.5 % of CFR-2 (Preblend), + 0.2 % of FMC (Preblend), + 0.5 % of LWA (Preblend)								

Fluid & Cement Data					
Expected Cement Top:		Depth (ft): 4153.5			
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Dec 23, 2015 10:00

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>
201025	PICKUP	1 Ton				01/21/2016 08:00	01/21/2016 11:30
740017	BODY JOB	C & A				01/21/2016 08:00	01/21/2016 11:30
746502	BODY JOB	Baby Bulker				01/21/2016 08:00	01/21/2016 11:30
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>				<u>Second Start Shift</u>	<u>Second End Shift</u>
Laeger, Kacey (25046)	01/21/2016 08:00	01/21/2016 11:30					
Davila, Israel (28152)	01/21/2016 08:00	01/21/2016 11:30					
Dupree, Douglas (29844)							

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	Jan 21,2016 08:00	Arrive On Location		--	--	--	--	0.00
2	Jan 21,2016 08:05	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: Held						
3	Jan 21,2016 08:45	Rig in Complete		--	--	--	--	0.00
4	Jan 21,2016 08:50	Wait on Client (non Sanjel)		--	--	--	--	0.00
		Remarks: Client Requested calcium to be brought out						
5	Jan 21,2016 09:35	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: Held						
6	Jan 21,2016 09:50	Pressure Test Start	Water	1.00	120.0	--	1.00	1.00
		Remarks: Filled lines						
7	Jan 21,2016 09:52	Pressure Test Complete	Water	--	3,000.0	--	--	1.00
		Remarks: Lines held good						
8	Jan 21,2016 09:55	Establish Circulation	Water	2.00	130.0	--	3.00	4.00
		Remarks: Good circulation						
9	Jan 21,2016 09:57	Batch Mix	0-1-0 G	--	--	--	--	4.00
		Remarks: 25sks						
10	Jan 21,2016 10:22	Pump	0-1-0 G	2.00	150.0	--	5.80	9.80
		Remarks: 0:1:0 G at 15.8 lb/gal						
11	Jan 21,2016 10:26	Displace Fluid	Water	2.00	150.0	--	16.00	25.80
		Remarks: Dispalce to balance						
12	Jan 21,2016 10:33	Finish Displacement	Water	--	0.0	--	--	25.80
13	Jan 21,2016 10:34	Squeeze	Water	0.50	600.0	--	1.00	26.80
14	Jan 21,2016 10:55	Wash		--	--	--	--	26.80
		Remarks: Wash pump unit						
15	Jan 21,2016 11:10	Rig Out		--	--	--	--	26.80
16	Jan 21,2016 11:25	Job Complete		--	--	--	--	26.80
17	Jan 21,2016 11:30	Leave Location		--	--	--	--	26.80
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								
63412								