



**Pumping  
Service Report**

**9189463**

Client Name Anadarko Petroleum Corporation	Well Name UPRR 21 PAN AM C1	Rig BWS 20	Job Date August 12, 2014	Call Sheet 1045456
Client Representative Sopporo	Surface Well Location NW SW Sec 11:T3N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	

**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	10.500	J-55	4,010.0	4,790.0	106.38	4.052	5.000	0.0	6,670.0

**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	25.790	1.995	2.910	0.000	6,670.000

**Products**

**Plug 1**

From Depth (ft): 0

To Depth (ft): 188

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 200 Sacks of 0-1-0 G, Density = 13.5 lb/gal, Volume Pumped = 59.13 (bbl)  
Water Temperature(°F) = 65 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 89  
+ 20 % of Silica Flour (Preblend),  
+ 3 % of Gel (Preblend),  
+ 0.1 % of SMS (Preblend),  
+ 0.4 % of CFR-2 (Preblend),  
+ 0.4 % of CFL-3 (Preblend)

**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 04, 2014 16:35



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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>
200868	PICKUP	3/4 Ton				08/12/2014 10:15	08/12/2014 15:25
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	08/12/2014 10:15	08/12/2014 15:25
746508	BODY JOB	Baby Bulker				08/12/2014 10:15	08/12/2014 15:25

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Contreras, Bennie	08/12/2014 10:15	08/12/2014 15:25		
Cox, Brandon	08/12/2014 10:15	08/12/2014 15:25		
Hansen, Ted	08/12/2014 10:15	08/12/2014 15:25		
Paiu, Vladislav	08/12/2014 10:15	08/12/2014 15:25		

**Treatment Reports & Remarks**





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## 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 12, 2014 10:15	Arrive On Location	---	--	--	--	--	0.00
		Remarks: Arrived.						
2	Aug 12, 2014 10:25	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: Talked about spotting trucks and rigging in.						
3	Aug 12, 2014 12:00	Rig In	---	--	--	--	--	0.00
		Remarks: Rig water and cement hoses to pump then pump to well head.						
4	Aug 12, 2014 12:30	Safety Meeting	---	--	--	--	--	0.00
		Remarks: Muster, 911 caller, nearest med., location safety equipt., ambulance driver, job scope.						
5	Aug 12, 2014 13:00	Sign-off on Safety	---	--	--	--	--	0.00
		Remarks: Sign all JSAs.						
6	Aug 12, 2014 13:25	Pressure Test	Water	--	3,000.0	--	--	0.00
		Remarks: Pressure test 3000 psi.						
7	Aug 12, 2014 13:31	Establish Circulation	Water	2.00	--	--	5.00	5.00
		Remarks: Establish circulation.						
8	Aug 12, 2014 13:34	Pump	Water	2.00	--	--	20.00	25.00
		Remarks: Pump 20 BBLs SMS.						
9	Aug 12, 2014 13:45	Pump Spacer	Water	--	--	--	5.00	30.00
		Remarks: 5 BBL spacer.						
10	Aug 12, 2014 13:46	Mix Cement	0-1-0 G	--	--	--	59.13	89.13
		Remarks: Mix and pump 59.13 BBLs cement @ 13.5 lb/gal.						
11	Aug 12, 2014 14:09	Displace Fluid	Water	--	--	--	22.80	111.93
		Remarks: Displace 22.8 BBLs water Leaving 3 BBLs cement on top of retainer.						
12	Aug 12, 2014 14:19	Stop	---	--	--	--	--	111.93
		Remarks: Stop and hold pressure to sting out.						
13	Aug 12, 2014 14:21	Wash	Water	2.00	170.0	--	20.00	131.93
		Remarks: Wash mix system and runbacks on triplexes.						
14	Aug 12, 2014 14:50	Rig Out	---	--	--	--	--	131.93
		Remarks: Rig down iron.						
15	Aug 12, 2014 15:00	Job Complete	---	--	--	--	--	131.93
		Remarks: Job complete.						
16	Aug 12, 2014 15:15	Pre-Departure Meeting	---	--	--	--	--	131.93
		Remarks: Journey management.						
17	Aug 12, 2014 15:25	Leave Location	---	--	--	--	--	131.93
		Remarks: Leave location.						

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



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**9193343**

**Units & Personnel**

Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201168	PICKUP	1 Ton				08/13/2014 11:00	08/13/2014 14:30
746075	TRACTOR	Tandem - Tractor				08/13/2014 11:00	08/13/2014 14:30
740018	BODY JOB	C & A				08/13/2014 11:00	08/13/2014 14:30

**Crew and Bonuses**

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Klosterman, Austin	08/13/2014 11:00	08/13/2014 14:30		
Curtner, Jerry	08/13/2014 11:00	08/13/2014 14:30		
Durham, Adrian	08/13/2014 11:00	08/13/2014 14:30		
Laeger, Kacey	08/13/2014 11:00	08/13/2014 14:30		

**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 13, 2014 11:00	Arrive On Location	---	0.00	0.0	0.0	0.00	0.00
2	Aug 13, 2014 11:20	Tailgate Meeting	---	0.00	0.0	0.0	0.00	0.00
3	Aug 13, 2014 11:30	Rig In	---	0.00	0.0	0.0	0.00	0.00
4	Aug 13, 2014 12:01	Safety Meeting	---	0.00	0.0	0.0	0.00	0.00
5	Aug 13, 2014 12:10	Sign-off on Safety	---	0.00	0.0	0.0	0.00	0.00
6	Aug 13, 2014 12:14	Establish Circulation	Water	1.00	60.0	0.0	1.00	1.00
		Remarks: Filling lines.						
7	Aug 13, 2014 12:15	Pressure Test Lines	Water	0.00	3,600.0	0.0	0.00	1.00
8	Aug 13, 2014 12:17	Pump Preflush	Water	2.00	650.0	0.0	5.00	6.00
		Remarks: Fresh ahead.						
9	Aug 13, 2014 12:19	Pump Preflush	Water	2.00	600.0	0.0	20.00	26.00
		Remarks: SMS						
10	Aug 13, 2014 12:27	Pump Preflush	Water	2.00	1,200.0	0.0	5.00	31.00
		Remarks: Fresh ahead.						
11	Aug 13, 2014 12:32	Pump	0-1-0 G	2.00	900.0	0.0	57.30	88.30
		Remarks: Mix up and pump 280 sacks @15.8#, Yield 1.15, WR 4.98						
12	Aug 13, 2014 13:01	Pump Displacement	Water	2.00	1,000.0	0.0	13.80	102.10
13	Aug 13, 2014 13:10	Rig Out	---	0.00	0.0	0.0	0.00	0.00
14	Aug 13, 2014 13:40	Job Complete	---	0.00	0.0	0.0	0.00	0.00
15	Aug 13, 2014 13:50	Pre-Departure Meeting	---	0.00	0.0	0.0	0.00	0.00
16	Aug 13, 2014 14:15	Leave Location	---	0.00	0.0	0.0	0.00	0.00





**Pumping  
Service Report**

**9189301**

Client Name Anadarko Petroleum Corporation	Well Name UPRR 21 CAN AM C1	Rig	Job Date August 14, 2014	Call Sheet 1045572
Client Representative Mr Socorro Palma	Surface Well Location NW SW Sec 11:T3N:R66W	Down Hole Well Location	Job Type Bradenhead 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): --- @ --

**Products**

**Plug 1**

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 80 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 19 (bbl)

Water Temperature(°F) = 70 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 75

+ 0.5 % of CaCl<sub>2</sub>,

+ 0.3 % of CFR-2,

+ 0.3 % of CFL-3,

+ 0.25 lb/sack of Polyflake

**Fluid & Cement Data**

Expected Cement Top: Depth (ft): 430

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 04, 2014 16:35

**Units & Personnel**

**Units**

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
200910	PICKUP	1/2 Ton					
740018	BODY JOB	C & A					
746506	BODY JOB	Baby Bulker					

**Crew and Bonuses**

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Spirek, Matthew				
Laeger, Kacey				
Durham, Adrian				
Paiu, Vladislav				



**Pumping  
Service Report**

**9189301**

**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 07:15	Arrive On Location	---	--	--	--	--	0.00
2	Aug 14, 2014 07:30	Tailgate Meeting	---	--	--	--	--	0.00
3	Aug 14, 2014 07:35	Rig In	---	--	--	--	--	0.00
4	Aug 14, 2014 08:05	Safety Meeting	---	--	--	--	--	0.00
5	Aug 14, 2014 08:05	Sign-off on Safety	---	--	--	--	--	0.00
6	Aug 14, 2014 08:20	Establish Circulation	Water	2.00	200.0	--	5.00	0.00
7	Aug 14, 2014 08:25	Pressure Test Lines	Water	--	2,000.0	--	--	0.00
8	Aug 14, 2014 08:30	Pump	0:1:0 Type III	2.00	400.0	--	19.00	19.00
9	Aug 14, 2014 08:50	Pump Displacement	Water	1.00	400.0	--	1.25	20.25
10	Aug 14, 2014 08:50	Rig Out	---	--	--	--	--	20.25
11	Aug 14, 2014 09:05	Pre-Departure Meeting	---	--	--	--	--	20.25
12	Aug 14, 2014 09:40	Leave Location	---	--	--	--	--	20.25
13	Aug 14, 2014 09:40	Job Complete	---	--	--	--	--	20.25

Did Float Hold: Not Applicable  
Fluid Returns : Yes  
Type : Mud  
Volume (bbl) : 19  
Temperature (°F) : 80  
FDAS Functioning Correctly : No  
Was the Program Followed As Per Design? : Yes

**Material Transfer Sheet Number**

Material Transfer Sheet Number

46494





**Pumping  
Service Report**

**9193343**

Client Name Anadarko Petroleum Corporation	Well Name UPRR 21 CAN AM C1	Rig	Job Date August 13,2014	Call Sheet 1045514
Client Representative Mr Socorro Palma	Surface Well Location NW SW Sec 11:T3N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	

**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	Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
	11.000	--	--	--	--	--

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	10.500	J-55	4,010.0	4,790.0	--	4.052	5.000	--	--

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	--	16.860	--	--	0.000	4,360.000

**Products**

**Plug 1**

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 280 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 57.3 (bbl)

Water Temperature(°F) = 65 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 75

+ 0.25 % of FMC,

+ 0.5 % of LWA,

+ 0.5 % of CFR-2,

+ 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 04, 2014 16:35