



**Pumping  
Service Report**

**9191902**

Client Name Anadarko Petroleum Corporation	Well Name HSR Connie 1-18	Rig Concord Well Servicing 3	Job Date May 14,2014	Call Sheet 1041976
Client Representative Rigo Cintora	Surface Well Location Sec 18:T3N:R67W	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):	--- @ --

<b>Casing</b>										
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)	
3.500	7.700	---	--	--	--	--	--	0.0	6,895.0	

<b>Tubing</b>										
Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To		
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)		
2.063	7.700	J-55	--	--	--	--	0.000	6,895.000		
2.063	7.700	J-55	--	--	--	--	0.000	4,420.000		

**Products**

<b>Plug 1</b>	
From Depth (ft):	6895
To Depth (ft):	6162
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Plug: <u>25 Sacks</u> of Thermal 35, Density = 15.4 lb/gal, Volume Pumped = 6.7 (bbl)	
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50	
+ 0.5 % of CFR-2 (Preblend),	
+ 0.25 % of FMC (Preblend)	
<b>Plug 2</b>	
From Depth (ft):	4420
To Depth (ft):	368
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Plug: <u>35 Sacks</u> of 0-1-0 G, Density = 15.6 lb/gal, Volume Pumped = 7.2 (bbl)	
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50	
+ 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:	--				
<b>Wellbore Fluid</b>					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	May 14, 2014 12:30



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**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>
449087	TRAILER	Utility Trailer	201017	PICKUP	1 Ton	05/14/2014 12:30	05/14/2014 17:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	05/14/2014 12:30	05/14/2014 17:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	05/14/2014 12:30	05/14/2014 17:00

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew	05/14/2014 12:30	05/14/2014 17:00		
Schroeder, Stephen	05/14/2014 12:30	05/14/2014 17:00		
Prigmore, Dominic	05/14/2014 12:30	05/14/2014 17:00		
Young, Craig	05/14/2014 12:30	05/14/2014 17:00		
Pigg, Martin	05/14/2014 12:30	05/14/2014 17:00		
Melgarejo Herrera, Eduardo	05/14/2014 12:30	05/14/2014 17:00		

**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	May 14,2014 12:30	Arrive On Location	---	--	--	--	--	0.00
2	May 14,2014 12:35	Tailgate Meeting	---	--	--	--	--	0.00
3	May 14,2014 13:00	Rig In	---	--	--	--	--	0.00
4	May 14,2014 13:45	Safety Meeting	---	--	--	--	--	0.00
5	May 14,2014 13:55	Sign-off on Safety	---	--	--	--	--	0.00
6	May 14,2014 14:00	Start - Fluid	Water	1.50	700.0	--	1.00	1.00
		Remarks: Filled lines.						
7	May 14,2014 14:01	Pressure Test	---	--	2,000.0	--	--	1.00
		Remarks: All lines held pressure.						
8	May 14,2014 14:13	Mix Cement	Thermal 35	2.00	1,000.0	--	6.70	7.70
		Remarks: Pumped first plug.						
9	May 14,2014 14:17	Displace Fluid	Water	2.00	800.0	--	18.00	25.70
		Remarks: Displaced 18 bbls water to a balanced plug.						
10	May 14,2014 14:27	Pull Pipe	---	--	--	--	--	25.70
		Remarks: Rig crew pulled 70 joints.						
11	May 14,2014 15:18	Establish Circulation	Water	2.00	600.0	--	5.00	5.00
		Remarks: We had circulation.						
12	May 14,2014 15:25	Mix Cement	0-1-0 G	2.00	2.0	--	7.20	12.20
		Remarks: Pumped second plug.						
13	May 14,2014 15:30	Displace Fluid	Water	1.50	400.0	--	10.50	22.70
		Remarks: Displaced 10.5 bbls to a balanced plug.						
14	May 14,2014 15:36	Stop	---	--	--	--	--	22.70
15	May 14,2014 15:45	Wash	Water	1.50	100.0	--	20.00	22.70
16	May 14,2014 16:25	Rig Out	---	--	--	--	--	22.70
17	May 14,2014 16:45	Pre-Departure Meeting	---	--	--	--	--	22.70
18	May 14,2014 16:55	Job Complete	---	--	--	--	--	22.70
19	May 14,2014 16:09	Leave Location	---	--	--	--	--	22.70

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  
 46105  
 46106



**Pumping  
Service Report**

**9191903**

Client Name Anadarko Petroleum Corporation	Well Name HSR Connie 1-18	Rig Concord Well Servicing 3	Job Date May 15, 2014	Call Sheet 1041990
Client Representative Rigo Cintora	Surface Well Location Sec 18:T3N:R67W	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						
	<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>
	9.000	--	0.000	--	--	--

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	39.80	8.097	9.625	0.0	625.0
	3.500	7.700	---	--	--	--	--	--	870.0	971.0

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)	
	2.063	3.250	J-55	--	2.890	--	--	0.000	971.000	

**Products**

<b>Plug 1</b>	
From Depth (ft):	971
To Depth (ft):	87
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Plug: 210 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 54.6 (bbl)	
Water Temperature(°F) = 45 , Bulk Temperature(°F) = 45 , Slurry Temperature(°F) = 45	
+ 1 % of CaCl2 (Preblend),	
+ 0.25 lb/sack of Polyflake (Preblend)	

**Fluid & Cement Data**

Expected Cement Top:	Depth (ft): 87				
<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	--	--	--	--	May 14, 2014 12:30



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**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>
449087	TRAILER	Utility Trailer	201017	PICKUP	1 Ton	05/15/2014 08:30	05/15/2014 12:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	05/15/2014 08:30	05/15/2014 12:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	05/15/2014 08:30	05/15/2014 12:00

<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>
Maguire, Matthew	05/15/2014 08:30	05/15/2014 12:00		
Schroeder, Stephen	05/15/2014 08:30	05/15/2014 12:00		
Prigmore, Dominic	05/15/2014 08:30	05/15/2014 12:00		
Pigg, Martin	05/15/2014 08:30	05/15/2014 12:00		
Melgarejo Herrera, Eduardo	05/15/2014 08:30	05/15/2014 12:00		

**Treatment Reports & Remarks**

<b>Treatment Report</b>									
<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u>	<u>Tubular Pressure</u>	<u>Annular Pressure</u>	<u>Stage Volume</u>	<u>Total Volume</u>	
				(bbl/min)	(psi)	(psi)	(bbl)	(bbl)	
1	May 15,2014 08:30	Arrive On Location	---	--	--	--	--	0.00	
2	May 15,2014 08:35	Tailgate Meeting	---	--	--	--	--	0.00	
3	May 15,2014 09:30	Rig In	---	--	--	--	--	0.00	
4	May 15,2014 10:00	Safety Meeting	---	--	--	--	--	0.00	
5	May 15,2014 10:10	Sign-off on Safety	---	--	--	--	--	0.00	
6	May 15,2014 10:12	Start - Fluid	Water	2.00	170.0	--	1.00	1.00	
		Remarks: Filled lines.							
7	May 15,2014 10:18	Pressure Test	---	--	1,500.0	--	--	1.00	
		Remarks: All lines held pressure.							
8	May 15,2014 10:23	Mix Cement	0:1:0 Type III	2.00	230.0	--	54.60	55.60	
9	May 15,2014 10:50	Displace Fluid	Water	2.00	250.0	--	0.50	56.10	
10	May 15,2014 10:51	Stop	---	--	--	--	--	56.10	
11	May 15,2014 11:00	Wash	Water	1.50	100.0	--	20.00	56.10	
12	May 15,2014 11:40	Rig Out	---	--	--	--	--	56.10	
13	May 15,2014 11:50	Pre-Departure Meeting	---	--	--	--	--	56.10	
14	May 15,2014 11:55	Job Complete	---	--	--	--	--	56.10	
15	May 15,2014 11:58	Leave Location	---	--	--	--	--	56.10	



**Treatment Reports & Remarks**

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

46114