



**Pumping  
Service Report**

**9198999**

Client Name Anadarko Petroleum Corporation	Well Name HSR Bohling Federal 10-7A	Rig Concord Well Servicing 3	Job Date November 11, 2014	Call Sheet 1050280
Client Representative Mr. Rigo Cintora	Surface Well Location NW SE Sec 7:T2N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	

**Well Profile**

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	7,720.0
4.500	11.600	---	--	--	--	--	--	0.0	5,050.0

**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	---	--	--	--	--	0.000	7,720.000
2.375	4.700	---	--	--	--	--	0.000	5,050.000

**Products**

**Plug 1**

From Depth (ft):  
To Depth (ft):  
Plug Type : Abandonment  
Acids/Blends/Fluids :  
Tail: 70 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 19 (bbl)  
Water Temperature(°F) = 33 , Bulk Temperature(°F) = 44 , Slurry Temperature(°F) = 48  
+ 0.5 % of CFR-2 (Preblend),  
+ 0.25 % of FMC (Preblend)

**Plug 2**

From Depth (ft):  
To Depth (ft):  
Plug Type : Abandonment  
Acids/Blends/Fluids :  
Tail: 70 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 14 (bbl)  
Water Temperature(°F) = 33 , Bulk Temperature(°F) = 44 , Slurry Temperature(°F) = 52  
+ 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>					
<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	--	--	--	--	Oct 08, 2014 17:28



**Pumping  
Service Report**

**9198999**

**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>
449093	TRAILER	Utility Trailer	201017	PICKUP	1 Ton	11/11/2014 13:00	11/11/2014 17:30
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	11/11/2014 13:00	11/11/2014 17:30
446075	TRAILER	Bulker	746075	TRACTOR	Tandem - Tractor	11/11/2014 13:00	11/11/2014 17:30

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Ripka, Robert	11/11/2014 13:00	11/11/2014 17:30		
Hansen, Ted	11/11/2014 13:00	11/11/2014 17:30		
Martinez, Fernando	11/11/2014 13:00	11/11/2014 17:30		

**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	Nov 11, 2014 13:00	Arrive On Location	---	--	--	--	--	0.00
2	Nov 11, 2014 13:05	Tailgate Meeting	---	--	--	--	--	0.00
3	Nov 11, 2014 13:17	Rig In	---	--	--	--	--	0.00
4	Nov 11, 2014 14:02	STEACS Briefing	---	--	--	--	--	0.00
5	Nov 11, 2014 14:30	Sign-off on Safety	---	--	--	--	--	0.00
6	Nov 11, 2014 14:36	Pressure Test	---	--	3,000.0	--	--	0.00
7	Nov 11, 2014 14:38	Establish Circulation	Water	1.00	200.0	--	3.00	3.00
8	Nov 11, 2014 14:40	Mix Cement	Thermal 35	3.00	1,000.0	--	19.00	22.00
		Remarks: 70 SKS						
9	Nov 11, 2014 14:50	Displace Fluid	---	3.00	600.0	--	24.60	46.60
10	Nov 11, 2014 15:02	Stop	---	--	--	--	--	46.60
11	Nov 11, 2014 15:56	Pressure Test	---	--	3,000.0	--	--	0.00
12	Nov 11, 2014 15:58	Establish Circulation	Water	1.00	100.0	--	8.00	8.00
13	Nov 11, 2014 16:06	Mix Cement	0-1-0 G	1.60	200.0	--	14.30	22.30
		Remarks: 70 SKS						
14	Nov 11, 2014 16:17	Displace Fluid	Water	2.00	50.0	--	15.60	37.90
15	Nov 11, 2014 16:30	Stop	---	--	--	--	--	37.90
16	Nov 11, 2014 16:45	Rig Out	---	--	--	--	--	37.90
17	Nov 11, 2014 17:15	Job Complete	---	--	--	--	--	37.90
18	Nov 11, 2014 17:17	Pre-Departure Meeting	---	--	--	--	--	37.90
19	Nov 11, 2014 17:30	Leave Location	---	--	--	--	--	37.90





**Pumping  
Service Report**

**9200711**

Client Name Anadarko Petroleum Corporation	Well Name HSR Bohling Federal 10-7A	Rig Concord Well Servicing 3	Job Date November 12, 2014	Call Sheet 1050312
Client Representative Mr. Rigo Cintora	Surface Well Location NW SE Sec 7:T2N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	

Well Profile										
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>
7.875		--		0.000		822.000		--		--
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)	
4.500	0.000	---	--	--	--	--	--	1,210.0	1,320.0	
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	---	--		--	--	--	0.000	1,320.000	

Products									
<b>Plug 1</b>									
From Depth (ft): 511									
To Depth (ft): 1320									
Plug Type : Abandonment									
Acids/Blends/Fluids :									
Plug: 230 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 54.5 (bbl)									
Water Temperature(°F) = 45 , Bulk Temperature(°F) = 45 , Slurry Temperature(°F) = 50									
+ 0.5 % 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: Depth (ft): 511									
<b>Wellbore Fluid</b>									
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@				
Water	--	--	--	--	Oct 08, 2014 17:28				



**Pumping  
Service Report**

**9200711**

**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				11/12/2014 11:00	11/12/2014 15:00
740067	BODY JOB	C & A				11/12/2014 11:00	11/12/2014 15:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	11/12/2014 11:00	11/12/2014 15:00

**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	11/12/2014 11:00	11/12/2014 15:00		
Barden, Sean	11/12/2014 11:00	11/12/2014 15:00		
Phillips, James	11/12/2014 11:00	11/12/2014 15:00		
Daniel, David Darnell	11/12/2014 11:00	11/12/2014 15:00		

**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	Nov 12, 2014 11:00	Arrive On Location	---	--	--	--	--	0.00
2	Nov 12, 2014 11:05	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: Discussed spotting of trucks and filled out JSA						
3	Nov 12, 2014 11:25	Rig In	---	--	--	--	--	0.00
4	Nov 12, 2014 13:00	STEACS Briefing	---	--	--	--	--	0.00
		Remarks: Discussed job and safety concerns						
5	Nov 12, 2014 13:05	Sign-off on Safety	---	--	--	--	--	0.00
		Remarks: Signed our JSA and the rig JSA						
6	Nov 12, 2014 13:11	Start - Fluid	Water	2.00	300.0	--	1.00	1.00
		Remarks: Filled lines for pressure test						
7	Nov 12, 2014 13:14	Pressure Test	---	--	2,000.0	--	--	1.00
8	Nov 12, 2014 13:20	Establish Circulation	Water	3.00	200.0	--	5.00	0.00
9	Nov 12, 2014 13:24	Pump Preflush	Water	3.00	50.0	--	10.00	0.00
		Remarks: Pumped SAPP						
10	Nov 12, 2014 13:30	Pump Spacer	Water	3.00	50.0	--	5.00	0.00
11	Nov 12, 2014 13:35	Mix Cement	0:1:0 Type III	3.00	50.0	--	54.50	0.00
		Remarks: Pumped @ D-14.8						
12	Nov 12, 2014 13:55	Pump Displacement	Water	2.00	40.0	--	1.50	0.00
13	Nov 12, 2014 14:00	Stop	---	--	--	--	--	0.00
14	Nov 12, 2014 14:20	Wash	---	--	--	--	--	0.00
15	Nov 12, 2014 14:45	Rig Out	---	--	--	--	--	0.00
16	Nov 12, 2014 14:50	Job Complete	---	--	--	--	--	0.00
17	Nov 12, 2014 14:55	Pre-Departure Meeting	---	--	--	--	--	0.00
		Remarks: Discussed journey management back to Sanjel yard						
18	Nov 12, 2014 15:00	Leave Location	---	--	--	--	--	0.00