



**Pumping  
Service Report**

**9190892**

Client Name Anadarko Petroleum Corporation	Well Name Frank A Unit #1	Job Date April 22, 2014	Call Sheet 1041385
Client Representative Mike Koch	Location SW SW Sec 24:T3N:R68W	Job Type Abandonment Plugs	Rig Bayou Well Service 14

**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)
	10.000	20.000	0.000	1,010.000	--	--

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	16.03	4.052	5.000	0.0	1,005.0

Tubing	Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
	(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
	1.660	2.400	J-55	8,490.000	1.850	1.380	2.200	0.000	1,000.000

**Products**

**Plug 1**

From Depth (ft): 1000

To Depth (ft): 0

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 300 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 78 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50  
+ 0.25 lb/sack of Polyflake (Preblend)

**Fluid & Cement Data**

Expected Cement Top: Surface

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Apr 21, 2014 20:47



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## Units & Personnel

### Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449086	TRAILER	Utility Trailer	200868	PICKUP	3/4 Ton	04/22/2014 07:00	04/22/2014 10:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	04/22/2014 07:00	04/22/2014 10:00
446075	TRAILER	Bulker	746075	TRACTOR	Tandem - Tractor	04/22/2014 07:00	04/22/2014 10:00

### Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Maguire, Matthew	04/22/2014 07:00	04/22/2014 10:00		
Prigmore, Dominic	04/22/2014 07:00	04/22/2014 10:00		
Hansen, Kevin	04/22/2014 07:00	04/22/2014 10:00		
Feigenbaum, Andrew	04/22/2014 07:00	04/22/2014 10:00		
Davila, Israel	04/22/2014 07:00	04/22/2014 10:00		
Svoboda, Miloslav	04/22/2014 07:00	04/22/2014 10:00		

## 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	Apr 22, 2014 06:30	Arrive On Location	---	--	--	--	--	0.00
2	Apr 22, 2014 06:35	Tailgate Meeting	---	--	--	--	--	0.00
3	Apr 22, 2014 06:45	Rig In	---	--	--	--	--	0.00
4	Apr 22, 2014 07:40	Safety Meeting	---	--	--	--	--	0.00
5	Apr 22, 2014 07:50	Sign-off on Safety	---	--	--	--	--	0.00
6	Apr 22, 2014 07:52	Start - Fluid	Water	1.50	100.0	--	1.00	1.00
		Remarks: Filled lines.						
7	Apr 22, 2014 07:54	Pressure Test	---	--	2,000.0	--	--	1.00
		Remarks: All lines held pressure.						
8	Apr 22, 2014 07:55	Establish Circulation	Water	1.50	320.0	--	1.00	2.00
9	Apr 22, 2014 08:00	Mix Cement	0:1:0 Type III	2.00	500.0	--	78.00	80.00
		Remarks: Had cement back to surface at 75 bbls of slurry away.						
10	Apr 22, 2014 08:40	Stop	---	--	--	--	--	80.00
11	Apr 22, 2014 08:50	Wash	Water	1.50	100.0	--	20.00	80.00
12	Apr 22, 2014 09:30	Rig Out	---	--	--	--	--	80.00
13	Apr 22, 2014 09:40	Pre-Departure Meeting	---	--	--	--	--	80.00
14	Apr 22, 2014 09:45	Job Complete	---	--	--	--	--	80.00
15	Apr 22, 2014 09:50	Leave Location	---	--	--	--	--	80.00



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**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

9958





**Pumping  
Service Report**

**9188068**

Client Name Anadarko Petroleum Corporation	Well Name Frank A Unit #1	Job Date April 17, 2014	Call Sheet 1041239
Client Representative Mike Koch	Location SW SW Sec 24:T3N:R68W	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)
10.000	20.000	0.000	4,560.000	--	--

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	10.500	J-55	4,010.0	4,790.0	72.73	4.052	5.000	0.0	4,560.0

Tubing									
Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To	
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)	
1.315	2.330	J-55	--	--	--	--	0.000	4,560.000	

Products	
<b>Plug 1</b>	
From Depth (ft):	3865
To Depth (ft):	4560
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Plug: 240 Sacks of 0-1-0 G, Density = 15.6 lb/gal, Volume Pumped = 49 (bbl)	
+ 0.56 % 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:    --					
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Apr 16, 2014 18:52



# Pumping Service Report

9188068

## 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	201017	PICKUP	1 Ton	04/17/2014 07:00	04/17/2014 10:30
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	04/17/2014 07:00	04/17/2014 10:30
446152	TRAILER	Bulker	746152	TRACTOR	Tandem - Tractor	04/17/2014 07:00	04/17/2014 10:30

### Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hall, Andrew J	04/17/2014 07:00	04/17/2014 10:30		
Klosterman, Austin	04/17/2014 07:00	04/17/2014 10:30		
Hansen, Kevin	04/17/2014 07:00	04/17/2014 10:30		
Pigg, Martin	04/17/2014 07:00	04/17/2014 10:30		
Cheal, Samuel	04/17/2014 07:00	04/17/2014 10:30		

## 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	Apr 17,2014 06:30	Arrive On Location		--	--	--	--	0.00
2	Apr 17,2014 06:40	Tailgate Meeting		--	--	--	--	0.00
3	Apr 17,2014 06:45	Rig In		--	--	--	--	0.00
4	Apr 17,2014 07:00	Safety Meeting		--	--	--	--	0.00
5	Apr 17,2014 07:15	Sign-off on Safety		--	--	--	--	0.00
6	Apr 17,2014 07:25	Pressure Test	Water	0.50	2,000.0	--	1.50	1.50
7	Apr 17,2014 07:31	Establish Circulation	Water	1.50	1,400.0	--	5.00	6.50
8	Apr 17,2014 07:35	Pump Preflush	Water	1.50	1,400.0	--	20.00	26.50
		Remarks: SMS						
9	Apr 17,2014 07:45	Pump Spacer	Water	1.50	1,400.0	--	5.00	31.50
10	Apr 17,2014 07:50	Pump	0-1-0 G	1.50	1,400.0	--	49.00	80.50
11	Apr 17,2014 08:27	Displace Fluid	Water	1.50	1,400.0	--	6.00	86.50
12	Apr 17,2014 08:35	Wash	Water	1.50	22.0	--	20.00	106.50
13	Apr 17,2014 09:10	Rig Out		--	--	--	--	106.50
14	Apr 17,2014 09:40	Job Complete		--	--	--	--	106.50
15	Apr 17,2014 09:50	Pre-Departure Meeting		--	--	--	--	106.50
16	Apr 17,2014 10:00	Leave Location		--	--	--	--	106.50

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



**Pumping  
Service Report**

**9188068**

**Treatment Reports & Remarks**

**Material Transfer Sheet Number**

Material Transfer Sheet Number

9934

**Comments To Service Report**

Job went very good. We pressure tested to 2000 psi, pumped 5 bbl of fresh ahead, 20 bbl of SMS, 5 bbl spacer, 49 bbl of slurry at 15.6, Displaced 6 bbl. All Sanjel equipment worked good. The crew did a great job.