



**Pumping  
Service Report**

**9190963**

Client Name Anadarko Petroleum Corporation	Well Name Rademacher 32-25	Job Date March 21, 2014	Call Sheet 1040299
Client Representative Traux Deal	Location Sec 25:T3N:R68W	Job Type Abandonment Plugs	Rig

**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)
8.625	26.000	---	--	--	--	--	--	0.0	7,023.0

**Tubing**

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
4.500	11.600	---	--	--	--	--	0.000	1,050.000

**Products**

**Plug 1**

From Depth (ft):

To Depth (ft):

Plug Type : N/A

Acids/Blends/Fluids :

Plug: 130 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 33.8 (bbl)  
Water Temperature(°F) = 33 , Bulk Temperature(°F) = 35 , Slurry Temperature(°F) = 65  
+ 1 % of CaCl<sub>2</sub> (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	--	8.340	--	--	Mar 04, 2014 17:31

**Attachment & Tools**

**Tubular Plugs**

Tubular Plug Type	Size (in)	Supplier
Rubber Top	4.500	Sanjel



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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>
449095	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	03/21/2014 11:00	03/21/2014 15:15
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	03/21/2014 11:00	03/21/2014 15:15
746502	BODY JOB	Baby Bulker				03/21/2014 11:00	03/21/2014 15:15

**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	03/21/2014 11:00	03/21/2014 15:15		
Morris, Theodore	03/21/2014 11:00	03/21/2014 15:15		
Curtner, Jerry	03/21/2014 11:00	03/21/2014 15:15		
Rogers, Clifford	03/21/2014 11:00	03/21/2014 15:15		

**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	Mar 21, 2014 11:00	Arrive On Location	---	--	--	--	--	0.00
2	Mar 21, 2014 11:05	Tailgate Meeting	---	--	--	--	--	0.00
3	Mar 21, 2014 12:00	Rig In	---	--	--	--	--	0.00
4	Mar 21, 2014 12:45	Safety Meeting	---	--	--	--	--	0.00
5	Mar 21, 2014 13:04	Sign-off on Safety	---	--	--	--	--	0.00
6	Mar 21, 2014 13:07	Pressure Test	---	--	3,000.0	--	--	0.00
7	Mar 21, 2014 13:09	Pump Preflush	Water	6.00	600.0	--	80.00	80.00
		Remarks: BIOCID WATER PER CUSTOMER						
8	Mar 21, 2014 13:25	Pump Preflush	Water	3.70	200.0	--	20.00	100.00
		Remarks: + SMS						
9	Mar 21, 2014 13:31	Pump Spacer	Water	4.50	300.0	--	5.00	105.00
10	Mar 21, 2014 13:35	Mix Cement	0:1:0 Type III	2.70	50.0	--	34.00	139.00
		Remarks: 130 SKS						
11	Mar 21, 2014 13:45	Drop Plug	---	--	--	--	--	139.00
12	Mar 21, 2014 13:47	Displace Fluid	Water	2.50	35.0	--	15.00	154.00
13	Mar 21, 2014 14:00	Stop	---	--	--	--	--	154.00
14	Mar 21, 2014 14:30	Rig Out	---	--	--	--	--	154.00
15	Mar 21, 2014 15:00	Job Complete	---	--	--	--	--	154.00
16	Mar 21, 2014 15:02	Pre-Departure Meeting	---	--	--	--	--	154.00
17	Mar 21, 2014 15:15	Leave Location	---	--	--	--	--	154.00





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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  
44496

**Comments To Service Report**

THE TOP OF CEMENT 1050 FEET



**Pumping  
Service Report**

**9188080**

Client Name Anadarko Petroleum Corporation	Well Name Rademacher 32-25	Job Date March 25, 2014	Call Sheet 0
Client Representative Mr. Larry Webb	Location Sec 25:T1N;R37W	Job Type Abandonment Plugs	Rig Leed 724

**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	J-55	4,960.0	5,350.0	19.19	4.000	5.000	0.0	1,235.0

**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	4.740	1.995	2.910	0.000	1,225.000

**Products**

**Stage 1**

From Depth (ft):	1225
To Depth (ft):	1067

**Acids/Blends/Fluids:**

Lead 1: 15 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 4 (bbl)  
Water Temperature(°F) = 60, Bulk Temperature(°F) = 60, Slurry Temperature(°F) = 60

**Fluid & Cement Data**

Expected Cement Top: --

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Mar 25, 2014 16:30



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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>
449086	TRAILER	Utility Trailer	201173	PICKUP	1 Ton	03/25/2014 16:00	03/25/2014 18:30
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	03/25/2014 16:00	03/25/2014 18:30
746502	BODY JOB	Baby Bulker				03/25/2014 16:00	03/25/2014 18:30

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Gordon, Jeffrey	03/25/2014 16:00	03/26/2014 18:30		
Johnson, Quintin	03/25/2014 16:00	03/26/2014 18:30		
Cox, Brandon	03/25/2014 16:00	03/26/2014 18:30		
Curtner, Jerry	03/25/2014 16:00	03/26/2014 18:30		
Svoboda, Miloslav	03/25/2014 16:00	03/26/2014 18:30		
Cheal, Samuel	03/25/2014 16:00	03/26/2014 18:30		

**Treatment Reports & Remarks**





# Pumping Service Report

9188080

## 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	Mar 25,2014 16:00	Arrive On Location	---	--	--	--	--	0.00
		Remarks: arrived on time						
2	Mar 25,2014 16:05	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: talked about spotting trucks						
3	Mar 25,2014 16:20	Sign-off on Safety	---	--	--	--	--	0.00
		Remarks: signed their and our Jsa						
4	Mar 25,2014 16:21	Safety Meeting	---	--	--	--	--	0.00
		Remarks: talked about job scope and safety concerns						
5	Mar 25,2014 16:21	Start - Fluid	Water	1.00	100.0	--	1.00	1.00
		Remarks: Filled lines for pressure testing						
6	Mar 25,2014 16:23	Pressure Test	Water	0.00	3,000.0	--	0.00	1.00
		Remarks: presuure tested lines and they looked good						
7	Mar 25,2014 16:25	Establish Circulation	Water	1.00	10.0	--	1.00	2.00
		Remarks: got good circulation						
8	Mar 25,2014 16:30	Mix Cement	0:1:0 Type III	2.00	50.0	--	4.00	6.00
		Remarks: mixed cement at 14.2						
9	Mar 25,2014 16:40	Pump Displacement	Water	1.00	50.0	--	4.00	10.00
		Remarks: pump displacement to a balance						
10	Mar 25,2014 16:50	Stop	---	--	--	--	--	10.00
		Remarks: stop rig off to the backside						
11	Mar 25,2014 17:30	Pump	Water	1.00	1,000.0	--	3.00	13.00
		Remarks: put pressure on the back side						
12	Mar 25,2014 17:30	Stop	---	--	--	--	--	13.00
		Remarks: rig off for wash up						
13	Mar 25,2014 17:40	Wash	Water	2.00	150.0	--	20.00	33.00
		Remarks: wash mix side and run backs						
14	Mar 25,2014 17:50	Rig Out	---	--	--	--	--	33.00
		Remarks: rig out our iron						
15	Mar 25,2014 18:10	Pre-Departure Meeting	---	--	--	--	--	33.00
		Remarks: Journey mangement						
16	Mar 25,2014 18:20	Job Complete	---	--	--	--	--	33.00
		Remarks: Job done do walk around and covey down						
17	Mar 25,2014 18:30	Leave Location	---	--	--	--	--	33.00
		Remarks: go back to the yard						

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