



**Pumping  
Service Report**

**9191788**

Client Name Anadarko Petroleum Corporation	Well Name Platte 23 - 2	Rig ECWS 22	Job Date July 25, 2014	Call Sheet 1044604
Client Representative Bill Smith	Surface Well Location SE SW Sec 2: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):	--- @ --

**Open Hole**

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
8.250	--	727.000	1,500.000	--	--

**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)
8.625	24.000	J-55	1,370.0	2,950.0	46.30	8.097	9.625	0.0	727.0
4.500	11.600	N-80	6,350.0	7,780.0	23.31	4.000	5.000	0.0	1,500.0

**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	1.700	J-55	10,000.000	1.600	1.049	1.660	0.000	1,500.000

**Products**

**Plug 1**

From Depth (ft): 563  
To Depth (ft): 1500  
Plug Type : Well Stability  
Acids/Blends/Fluids :  
Plug: 180 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 42.6 (bbl)  
+ 0.25 lb/sack of Polyflake (Preblend),  
+ 0.5 % of CaCl<sub>2</sub> (Preblend),  
+ 0.3 % of CFR-2 (Preblend),  
+ 0.3 % of CFL-3 (Preblend)

**Fluid & Cement Data**

Expected Cement Top:	Depth (ft): 563				
<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	--	8.400	--	--	Jul 23, 2014 06:40



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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>
201017	PICKUP	1 Ton				07/25/2014 06:51	07/25/2014 10:40
740004	BODY JOB	C & A				07/25/2014 06:51	07/25/2014 10:40
746508	BODY JOB	Baby Bulker				07/25/2014 06:51	07/25/2014 10:40

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Joyner, Barlen	07/25/2014 06:01	07/25/2014 10:40		
Laeger, Kacey	07/25/2014 06:01	07/25/2014 10:40		
Curtner, Jerry	07/25/2014 06:01	07/25/2014 10:40		
Wright, Isaac	07/25/2014 06:01	07/25/2014 10:40		

**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	Jul 25,2014 06:51	Arrive On Location	---	0.00	0.0	0.0	0.00	0.00
2	Jul 25,2014 07:00	Tailgate Meeting	---	0.00	0.0	0.0	0.00	0.00
3	Jul 25,2014 07:10	Rig In	---	0.00	0.0	0.0	0.00	0.00
4	Jul 25,2014 08:50	Safety Meeting	---	0.00	0.0	0.0	0.00	0.00
5	Jul 25,2014 09:10	Sign-off on Safety	---	0.00	0.0	0.0	0.00	0.00
6	Jul 25,2014 09:17	Pressure Test Lines	Water	0.00	3,000.0	0.0	0.00	0.00
7	Jul 25,2014 09:19	Pump Preflush	Water	2.00	650.0	0.0	5.00	5.00
		Remarks: Fresh water						
8	Jul 25,2014 09:21	Mix Cement	0:1:0 Type III	2.00	595.0	0.0	46.00	51.00
		Remarks: 180sx of Type III + adds @ 14.8ppg						
9	Jul 25,2014 09:44	Pump Displacement	Water	2.00	1,250.0	0.0	1.50	52.50
10	Jul 25,2014 09:45	Stop	---	0.00	0.0	0.0	0.00	52.50
11	Jul 25,2014 10:20	Rig Out	---	0.00	0.0	0.0	0.00	52.50
12	Jul 25,2014 10:25	Job Complete	---	0.00	0.0	0.0	0.00	52.50
13	Jul 25,2014 10:30	Pre-Departure Meeting	---	0.00	0.0	0.0	0.00	52.50
14	Jul 25,2014 10:40	Leave Location	---	0.00	0.0	0.0	0.00	52.50

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Mud

Volume (bbl) : 48

Temperature (°F) : 80

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

**Material Transfer Sheet Number**

Material Transfer Sheet Number

9718