



## Pumping Service Report

9206047

Client Name Anadarko Petroleum Corporation	Well Name Dantzker 10-16	Rig ECWS 7	Job Date July 09,2015	Call Sheet 1059027
Client Representative Mr. Dave Donoho	Surface Well Location NW NE Sec 16:T3N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Contreras, Bennie (23469)

### 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	24.000	J-55	1,370.0	2,950.0	35.73	8.097	9.625	0.0	561.0
4.500	11.600	J-55	4,960.0	5,350.0	104.76	4.000	5.000	0.0	6,740.0

### 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	26.040	1.995	2.910	0.000	6,735.000
2.375	4.700	J-55	8,100.000	14.550	1.995	2.910	0.000	3,764.000

### Products

#### Plug 1

From Depth (ft): 6303

To Depth (ft): 6735

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 25 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 6.7 (bbl)

Water Temperature(°F) = 65 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 74

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of ASM-3 (Preblend)

#### Plug 2

From Depth (ft): 3570

To Depth (ft): 4260

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 210 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 43 (bbl)

Water Temperature(°F) = 65 , Bulk Temperature(°F) = 66 , Slurry Temperature(°F) = 74

+ 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: --

#### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jun 07, 2015 22:11



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### Attachment & Tools

#### Down Hole Tools

<u>Tool Type</u>	<u>Depth (ft)</u>	<u>Supplier</u>
Bridge Plug	6,740.000	Third Party
Cement Retainer	3,764.000	Third Party

### 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	201009	PICKUP	1 Ton	07/09/2015 08:45	07/09/2015 16:00
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	07/09/2015 08:45	07/09/2015 16:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	07/09/2015 08:45	07/09/2015 16:00

#### Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Contreras, Bennie (23469)	07/09/2015 08:45	07/09/2015 16:00		
Svoboda, Miloslav (28226)	07/09/2015 08:45	07/09/2015 16:00		
Cox, Brandon (27419)	07/09/2015 08:45	07/09/2015 16:00		
Hilt, Brandon (30128)	07/09/2015 08:45	07/09/2015 16:00		

### Treatment Reports & Remarks

#### Volume To Formation

<u>Stage/Plug/Treatment Interval Name</u>	<u>Volume To Formation (bbl)</u>
Plug1	6.7
Description: Plug from 6735 ft to 6303 ft.	



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### 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	Jul 09,2015 08:45	Arrive On Location		--	--	--	--	0.00
		Remarks: Arrived.						
2	Jul 09,2015 08:55	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: STEACS						
3	Jul 09,2015 09:20	Rig in Complete		--	--	--	--	0.00
4	Jul 09,2015 09:21	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: muster, 911 caller, nearest med. ambul dr. location of safety equip. job scope						
5	Jul 09,2015 09:43	Pressure Test Start	Water	2.00	3,000.0	--	1.50	1.50
		Remarks: pressure held						
6	Jul 09,2015 09:44	Pressure Test Complete		--	--	--	--	1.50
		Remarks: test complete						
7	Jul 09,2015 09:48	Mix Cement	Thermal 35	2.00	400.0	--	6.70	8.20
		Remarks: mixed and pumped 6.7 bbl @ 15.8 ppg						
8	Jul 09,2015 09:55	Displace Fluid	Water	2.00	700.0	--	23.80	32.00
9	Jul 09,2015 10:03	Stop		--	--	--	--	32.00
		Remarks: waiting for 2nd plug						
10	Jul 09,2015 14:18	Pressure Test	Water	1.50	3,000.0	--	2.00	34.00
		Remarks: pressure held						
11	Jul 09,2015 14:19	Establish Circulation	Water	--	--	--	2.00	36.00
		Remarks: Establish circ. 2 BBLs.						
12	Jul 09,2015 14:22	Pump Preflush	Water	2.00	900.0	--	20.00	56.00
		Remarks: SMS						
13	Jul 09,2015 14:24	Pump Spacer	Water	3.00	1,100.0	--	5.00	61.00
14	Jul 09,2015 14:30	Mix Cement	0-1-0 G	3.00	1,000.0	--	43.00	104.00
		Remarks: mixed and pumped away						
15	Jul 09,2015 14:51	Pump Displacement	Water	2.00	200.0	--	11.50	115.50
16	Jul 09,2015 15:40	Rig Out		--	--	--	--	115.50
		Remarks: Rig out.						
17	Jul 09,2015 15:50	Job Complete		--	--	--	--	115.50
		Remarks: Job complete.						
18	Jul 09,2015 16:00	Leave Location		--	--	--	--	115.50

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

#### Material Transfer Sheet Number

Material Transfer Sheet Number

65105

65104



## Pumping Service Report

9206218

Client Name Anadarko Petroleum Corporation	Well Name Dantzker 10-16	Rig ECWS 7	Job Date July 10,2015	Call Sheet 1059065
Client Representative Mr. Dave Donoho	Surface Well Location NW NE Sec 16:T3N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Maguire, Matthew (26325)

### 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)
9.000	--	0.000	950.000	--	--

### 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)
8.625	24.000	J-55	1,370.0	2,950.0	35.73	8.097	9.625	0.0	561.0
4.500	11.600	J-55	4,960.0	5,350.0	1.55	4.000	5.000	850.0	950.0

### Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.375	4.700	J-55	8,100.000	3.670	1.995	2.910	0.000	950.000

### Products

#### Plug 1

From Depth (ft): 950

To Depth (ft): 270

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 180 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 42.6 (bbl)

Water Temperature(°F) = 65 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 65

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of CFL-3 (Preblend),

+ 0.4 % of CDF-4P (Preblend),

+ 0.5 % 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	--	--	--	--	Jun 07, 2015 22:11



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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>
449087	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	07/10/2015 09:30	07/10/2015 13:00
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	07/10/2015 09:30	07/10/2015 13:00
446145	TRAILER	Bulker	746089	TRACTOR	Tandem - Tractor	07/10/2015 09:30	07/10/2015 13:00
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 (26325)	07/10/2015 09:30	07/10/2015 13:00					
Ripka, Robert (23825)	07/10/2015 09:30	07/10/2015 13:00					
Faircloth, Branden (29706)	07/10/2015 09:30	07/10/2015 13:00					
Treatment Reports & Remarks							



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### 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	Jul 10,2015 09:30	Arrive On Location		--	--	--	--	0.00
		Remarks: Signed in at lease entrance and checked in with company rep Mr. Dave Donoho.						
2	Jul 10,2015 09:40	Tailgate Meeting		--	--	--	--	0.00
		Remarks: Filled out JSA.						
3	Jul 10,2015 09:50	Crew Briefing (Rig in)		--	--	--	--	0.00
4	Jul 10,2015 10:45	Rig in Complete		--	--	--	--	0.00
5	Jul 10,2015 10:55	Crew Briefing (Pre Job)		--	--	--	--	0.00
6	Jul 10,2015 11:00	STEACS Briefing		--	--	--	--	0.00
7	Jul 10,2015 11:10	Sign-off on Safety		--	--	--	--	0.00
8	Jul 10,2015 11:16	Start - Fluid	Water	1.00	40.0	--	1.00	1.00
		Remarks: Filled lines.						
9	Jul 10,2015 11:17	Pressure Test Start	Water	--	1,500.0	--	--	1.00
10	Jul 10,2015 11:18	Pressure Test Complete	Water	--	1,500.0	--	--	1.00
		Remarks: All lines held pressure.						
11	Jul 10,2015 11:19	Establish Circulation	Water	3.00	200.0	--	5.00	6.00
		Remarks: We had circulation.						
12	Jul 10,2015 11:21	Pump Preflush	Water	3.00	150.0	--	10.00	16.00
		Remarks: 100# SAPP.						
13	Jul 10,2015 11:24	Pump Spacer	Water	3.00	140.0	--	5.00	21.00
		Remarks: Fresh water.						
14	Jul 10,2015 11:26	Mix Cement	0:1:0 Type III	3.00	330.0	--	42.60	63.60
		Remarks: WR=6.31,						
15	Jul 10,2015 11:43	Displace Fluid	Water	3.00	280.0	--	1.50	65.10
		Remarks: Flushed lines.						
16	Jul 10,2015 11:45	Stop		--	--	--	--	65.10
17	Jul 10,2015 11:55	Wash	Water	1.50	100.0	--	20.00	65.10
18	Jul 10,2015 12:25	Rig Out		--	--	--	--	65.10
		Remarks: Revisit JSA.						
19	Jul 10,2015 12:50	Pre-Departure Meeting		--	--	--	--	65.10
20	Jul 10,2015 12:55	Job Complete		--	--	--	--	65.10
21	Jul 10,2015 13:00	Leave Location		--	--	--	--	65.10
		Remarks: Revisit JSA, leave location safely.						

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



**Treatment Reports & Remarks**

**Material Transfer Sheet Number**

Material Transfer Sheet Number

65113

65114