



## Pumping Service Report

9201249

Client Name Anadarko Petroleum Corporation	Well Name Carlson V 11 - 8	Rig ECWS 9	Job Date March 12,2015	Call Sheet 1056528
Client Representative Mr. Chris Row	Surface Well Location SE NE Sec 11:T2N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Price, Ryan (25840)

### 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): --- @ --

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)
2.875	6.500		--	--	--	--	--	0.0	7,100.0

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	2.300		--	--	--	--	0.000	7,089.000
1.660	2.300		--	--	--	--	0.000	5,100.000

### Products

#### Plug 1

From Depth (ft): 5933

To Depth (ft): 7089

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 20 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 6.7 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend)

#### Plug 2

From Depth (ft): 3875

To Depth (ft): 5100

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 30 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 7 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50

+ 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: Depth (ft): 3875

#### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Jan 05, 2015 15:14



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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>
201273	PICKUP	3/4 Ton				03/12/2015 07:00	03/12/2015 11:30
740082	BODY JOB	C & A				03/12/2015 07:00	03/12/2015 11:30
446092	TRAILER	Bulker	746092	TRACTOR	Tandem - Tractor	03/12/2015 07:00	03/12/2015 11:30
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>			<u>Second Start Shift</u>	<u>Second End Shift</u>	
Price, Ryan (25840)	03/12/2015 07:00	03/12/2015 11:30					
Schroeder, Stephen (25442)	03/12/2015 07:00	03/12/2015 11:30					
McMartin, Granite (22138)	03/12/2015 07:00	03/12/2015 11:30					
Daylong, Eric (28076)	03/12/2015 07:00	03/12/2015 11:30					



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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	Mar 12,2015 07:00	Arrive On Location		--	--	--	--	0.00
2	Mar 12,2015 07:05	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Mar 12,2015 07:50	Rig in Complete		--	--	--	--	0.00
4	Mar 12,2015 08:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Mar 12,2015 08:25	Pressure Test Start		--	2,200.0	--	--	0.00
6	Mar 12,2015 08:27	Pressure Test Complete		--	--	--	--	0.00
7	Mar 12,2015 08:28	Establish Circulation	Water	1.30	300.0	--	5.00	5.00
8	Mar 12,2015 08:31	Mix Cement	Thermal 35	1.50	1,000.0	--	6.70	11.70
9	Mar 12,2015 08:36	Pump Displacement	Water	1.50	900.0	--	10.00	21.70
10	Mar 12,2015 08:42	Job Complete		--	--	--	--	21.70
11	Mar 12,2015 08:55	Wait On Instructions		--	--	--	--	0.00
12	Mar 12,2015 09:57	Pressure Test		--	2,200.0	--	--	0.00
13	Mar 12,2015 09:00	Establish Circulation	Water	1.20	1,100.0	--	5.00	5.00
14	Mar 12,2015 10:03	Mix Cement	0-1-0 G	1.50	1,400.0	--	7.00	12.00
15	Mar 12,2015 10:07	Pump Displacement	Water	1.30	1,000.0	--	5.00	17.00
16	Mar 12,2015 10:10	Stop		--	--	--	--	17.00
17	Mar 12,2015 10:20	Wash		--	--	--	--	17.00
18	Mar 12,2015 10:50	Rig Out		--	--	--	--	17.00
19	Mar 12,2015 11:20	Job Complete		--	--	--	--	17.00
20	Mar 12,2015 11:25	Pre-Departure Meeting		--	--	--	--	17.00
21	Mar 12,2015 11:30	Leave Location		--	--	--	--	17.00

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

57621



## Pumping Service Report

9204156

Client Name Anadarko Petroleum Corporation	Well Name Carlson V 11 - 8	Rig ECWS 9	Job Date March 13,2015	Call Sheet 1056571
Client Representative Mr. Chris Row	Surface Well Location SE NE Sec 11:T2N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Bell, Wesley (18479)

### 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): --- @ --

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.875	6.500	J-55	7,680.000	7.150	2.441	3.668	0.000	1,235.000

### Products

#### Plug 1

From Depth (ft): 1235

To Depth (ft): 400

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 390 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 92 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 55 , Slurry Temperature(°F) = 60

+ 0.5 % of CaCl<sub>2</sub> (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend),

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of CFL-3 (Preblend),

+ 0.4 % of CDF-4P (Preblend)

### Fluid & Cement Data

Expected Cement Top: --

#### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Jan 05, 2015 15:14

### Units & Personnel

#### Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
200866	PICKUP	3/4 Ton				03/13/2015 10:30	03/13/2015 13:00
740018-1	BODY JOB	C & A				03/13/2015 10:30	03/13/2015 13:00
446075	TRAILER	Bulker	746075	TRACTOR	Tandem - Tractor	03/13/2015 10:30	03/13/2015 13:00

#### Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Bell, Wesley (18479)	03/13/2015 10:30	03/13/2015 13:00		
Curtner, Jerry (28310)	03/13/2015 10:30	03/13/2015 13:00		
Crane, Troy (29924)	03/13/2015 10:30	03/13/2015 13:00		
Hilt, Brandon (30128)	03/13/2015 10:30	03/13/2015 13:00		



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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	Mar 13,2015 10:30	Arrive On Location		--	--	--	--	0.00
2	Mar 13,2015 10:40	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Mar 13,2015 11:05	Rig in Complete		--	--	--	--	0.00
4	Mar 13,2015 11:15	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Mar 13,2015 11:30	Pressure Test Start	Water	0.30	2,700.0	0.0	1.00	1.00
		Remarks: no leaks						
6	Mar 13,2015 11:31	Pressure Test Complete	Water	--	0.0	0.0	--	1.00
7	Mar 13,2015 11:32	Pump	Water	3.00	350.0	0.0	5.00	6.00
		Remarks: Fresh water ahead						
8	Mar 13,2015 11:36	Pump Preflush	Water	3.00	400.0	0.0	10.00	16.00
		Remarks: Mudflush						
9	Mar 13,2015 11:40	Pump Spacer	Water	3.00	400.0	0.0	5.00	21.00
		Remarks: fresh water spacer						
10	Mar 13,2015 11:42	Jet Mix	Thermal 35	3.80	350.0	0.0	92.00	113.00
		Remarks: mixed at 14.8ppg, yield 1.33, Water Requirement 6.31gal/sack						
11	Mar 13,2015 12:03	Displace Fluid	Water	2.00	150.0	0.0	1.00	114.00
		Remarks: flush lines						
12	Mar 13,2015 12:10	Wash	Water	--	--	--	--	114.00
		Remarks: wash through rig lines to rig tank						
13	Mar 13,2015 12:30	Rig Out		--	--	--	--	114.00
14	Mar 13,2015 12:50	Job Complete		--	--	--	--	114.00
15	Mar 13,2015 13:00	Leave Location		--	--	--	--	114.00

Did Float Hold: Not Applicable  
Fluid Returns : Yes  
Type : Water  
Volume (bbl) : 112  
Temperature (°F) : 50  
FDAS Functioning Correctly : Yes  
Was the Program Followed As Per Design? : Yes

#### Material Transfer Sheet Number

Material Transfer Sheet Number  
57643  
57642