



# Cementing Service Report

9206669

Client Name Anadarko Petroleum Corporation	Well Name Devon 9-8	Rig Leed 721	Job Date September 28,2015	Call Sheet 1061127
Client Representative Mr. Nate Windholz	Surface Well Location NE SE Sec 9:T3N:R66W	Down Hole Well Location Sec 0:T0N:R0W	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):	--- @ --

## 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	37.70	8.097	9.625	0.0	592.0
4.500	11.600	J-55	4,960.0	5,350.0	108.89	4.000	5.000	0.0	7,006.0

## 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	27.090	1.995	2.910	0.000	7,006.000

## Products

### Plug 1

From Depth (ft): 7006  
To Depth (ft): 6574  
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) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60  
+ 0.5 % of CFR-2 (Preblend),  
+ 0.25 % of ASM-3 (Preblend)

### Plug 2

From Depth (ft): 4480  
To Depth (ft): 4016  
Plug Type : Abandonment  
Acids/Blends/Fluids :  
Plug: 35 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 7.2 (bbl)  
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60  
+ 0.5 % of CFR-2 (Preblend),  
+ 0.2 % of FMC (Preblend),  
+ 0.5 % of LWA (Preblend),  
+ 0.25 lb/sack of Polyflake (Preblend)

## Fluid & Cement Data

Expected Cement Top: Depth (ft): 4016

### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 29, 2014 06:51



9206669

**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>
201168	PICKUP	1 Ton				09/28/2015 06:30	09/28/2015 10:30
740004	BODY JOB	C & A				09/28/2015 06:30	09/28/2015 10:30
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	09/28/2015 06:30	09/28/2015 10:30

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew (26325)	09/28/2015 06:30	09/28/2015 10:30		
Hall, Austin (28887)	09/28/2015 06:30	09/28/2015 10:30		
Devine, Richard (29733)	09/28/2015 06:30	09/28/2015 10:30		

**Treatment Reports & Remarks**

### 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	Sep 28,2015 06:30	Arrive On Location Remarks: Signed in at lease entrance.		--	--	--	--	0.00
2	Sep 28,2015 06:40	Tailgate Meeting Remarks: Filled out JSA.		--	--	--	--	0.00
3	Sep 28,2015 06:45	Crew Briefing (Rig in)		--	--	--	--	0.00
4	Sep 28,2015 07:10	Rig in Complete		--	--	--	--	0.00
5	Sep 28,2015 07:15	Crew Briefing (Pre Job)		--	--	--	--	0.00
6	Sep 28,2015 07:20	STEACS Briefing		--	--	--	--	0.00
7	Sep 28,2015 07:35	Sign-off on Safety		--	--	--	--	0.00
8	Sep 28,2015 07:51	Start - Fluid Remarks: Filled lines.	Water	1.50	200.0	--	1.00	1.00
9	Sep 28,2015 07:52	Pressure Test Start	Water	--	2,500.0	--	--	1.00
10	Sep 28,2015 07:53	Pressure Test Complete Remarks: All lines held pressure.	Water	--	2,500.0	--	--	1.00
11	Sep 28,2015 07:54	Establish Circulation Remarks: We had circulation.	Water	2.50	600.0	--	5.00	6.00
12	Sep 28,2015 07:55	Mix Cement Remarks: WR=6.23,	Thermal 35	3.00	600.0	--	6.70	12.70
13	Sep 28,2015 07:58	Displace Fluid Remarks: Balanced plug.	Water	3.50	1,200.0	--	25.30	38.00
14	Sep 28,2015 08:04	Stop		--	--	--	--	38.00
15	Sep 28,2015 08:30	Pull Pipe Remarks: Rig pulled tubing.		--	--	--	--	38.00
16	Sep 28,2015 09:10	Start - Fluid Remarks: Filled lines.	Water	2.00	200.0	--	1.00	39.00
17	Sep 28,2015 09:11	Pressure Test Lines Remarks: All lines held pressure.	Water	--	2,500.0	--	--	39.00
18	Sep 28,2015 09:13	Establish Circulation Remarks: We had circulation.	Water	3.00	800.0	--	5.00	44.00
19	Sep 28,2015 09:15	Mix Cement Remarks: WR=4.98,	0-1-0 G	3.50	300.0	--	7.20	51.20
20	Sep 28,2015 09:18	Displace Fluid Remarks: Balanced plug.	Water	3.00	600.0	--	15.30	66.50
21	Sep 28,2015 09:24	Stop		--	--	--	--	66.50
22	Sep 28,2015 09:40	Wash	Water	1.50	100.0	--	20.00	66.50
23	Sep 28,2015 10:10	Rig Out Remarks: Revisit JSA.		--	--	--	--	66.50
24	Sep 28,2015 10:25	Pre-Departure Meeting		--	--	--	--	66.50
25	Sep 28,2015 10:27	Job Complete		--	--	--	--	66.50
26	Sep 28,2015 10:30	Leave Location Remarks: Revisit JSA, leave location safely.		--	--	--	--	66.50

### 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

65829

65830



# Cementing Service Report

9206694

Client Name Anadarko Petroleum Corporation	Well Name Devon 9-8	Rig Leed 721	Job Date September 29,2015	Call Sheet 1061172
Client Representative Mr. Nate Windholz	Surface Well Location NE SE Sec 9:T3N:R66W	Down Hole Well Location Sec 0:T0N:R0W	Job Type Abandonment Plugs	Lead Supervisor Lopez, Armando (29064)

## 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)
8.500	--	592.000	1,090.000	--	--

## 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		--	--	--	--	--	0.0	592.0
4.500	11.600		--	--	--	--	--	1,090.0	1,197.0

## 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		--	--	--	--	0.000	1,197.000

## Products

### Plug 1

From Depth (ft): 442

To Depth (ft): 1197

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 195 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 46.2 (bbl)

Water Temperature(°F) = 70 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80

+ 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),

+ 0.4 % of CDF-4P (Preblend)

## Fluid & Cement Data

Expected Cement Top: Depth (ft): 442

### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 29, 2014 06:51



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>
740067	BODY JOB	C & A				09/29/2015 08:30	09/29/2015 14:00
201386	PICKUP	1 Ton				09/29/2015 08:30	09/29/2015 14:00
746506	BODY JOB	Baby Bulker				09/29/2015 08:30	09/29/2015 14:00
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>			
Davila, Israel (28152)	09/29/2015 08:30	09/29/2015 14:00					
Lopez, Armando (29064)	09/29/2015 08:30	09/29/2015 14:00					
Phillips, James (23627)	09/29/2015 08:30	09/29/2015 14:00					

### 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	Sep 29,2015 08:30	Arrive On Location		--	--	--	--	0.00
2	Sep 29,2015 08:40	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Sep 29,2015 09:30	Rig in Complete		--	--	--	--	0.00
4	Sep 29,2015 11:40	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Sep 29,2015 12:06	Start - Fluid	Water	1.00	--	--	5.00	5.00
		Remarks: Fill lines						
6	Sep 29,2015 12:07	Pressure Test Start		--	2,000.0	--	--	0.00
7	Sep 29,2015 12:09	Pressure Test Complete		--	--	--	--	0.00
8	Sep 29,2015 12:11	Pump Spacer	Water	3.00	250.0	--	10.00	15.00
		Remarks: SAPP						
9	Sep 29,2015 12:14	Pump Spacer	Water	3.00	250.0	--	20.00	35.00
10	Sep 29,2015 12:20	Mix Cement	0:1:0 Type III	3.00	400.0	--	46.20	81.20
		Remarks: Pumped 195 sacks Density 14.8 Yield 1.33 Water 6.31. Weight with scale was 14.7						
11	Sep 29,2015 12:37	Displace Fluid	Water	3.00	300.0	--	1.00	82.20
12	Sep 29,2015 12:38	Stop		--	--	--	--	0.00
13	Sep 29,2015 12:40	Wash		--	--	--	--	0.00
14	Sep 29,2015 13:10	Rig Out		--	--	--	--	0.00
15	Sep 29,2015 13:40	Job Complete		--	--	--	--	0.00
16	Sep 29,2015 13:45	Pre-Departure Meeting		--	--	--	--	0.00
17	Sep 29,2015 14:00	Leave Location		--	--	--	--	0.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Water

Volume (bbl) : 82

Temperature (°F) : 80

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

#### Material Transfer Sheet Number

Material Transfer Sheet Number

65853

65852