



Cementing Service Report

9208128

Client Name Anadarko Petroleum Corporation	Well Name Platteville 23 -19A	Rig Leed 721	Job Date October 01,2015	Call Sheet 1061235
Client Representative Mr. Nate Windholz	Surface Well Location NE SW Sec 19:T3N:R66W	Down Hole Well Location Sec 0:T0N:R0W	Job Type Abandonment Plugs	Lead Supervisor Prigmore, Dominic (27161)

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	33.82	8.097	9.625	0.0	531.0
4.500	11.600	J-55	4,960.0	5,350.0	123.33	4.000	5.000	0.0	7,935.0

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	28.210	1.995	2.910	0.000	7,297.000

Products

Plug 1

From Depth (ft): 6865

To Depth (ft): 7300

Plug Type : Abandonment

Acids/Blends/Fluids :

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

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

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of ASM-3 (Preblend)

Plug 2

From Depth (ft): 4430

To Depth (ft): 4440

Plug Type : Abandonment

Acids/Blends/Fluids :

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

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

+ 0.5 % of CFR-2 (Preblend),

+ 0.2 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 4430

Wellbore Fluid

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



9208128

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>
200925	PICKUP	1 Ton				10/01/2015 07:00	10/01/2015 13:00
740004	BODY JOB	C & A				10/01/2015 07:00	10/01/2015 13:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	10/01/2015 07:00	10/01/2015 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>			
Prigmore, Dominic (27161)	10/01/2015 07:00	10/01/2015 13:00					
Joyner, Barlen (28603)							
Hall, Austin (28887)	10/01/2015 07:00	10/01/2015 13:00					
Faircloth, Branden (29706)	10/01/2015 07:00	10/01/2015 13:00					

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	Oct 01,2015 06:30	Arrive On Location		--	--	--	--	0.00
2	Oct 01,2015 06:40	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Oct 01,2015 07:30	Rig in Complete		--	--	--	--	0.00
4	Oct 01,2015 07:40	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Oct 01,2015 08:05	Pressure Test Start		--	2,800.0	--	--	0.00
	Remarks: Pressure test							
6	Oct 01,2015 08:07	Pressure Test Complete		--	2,800.0	--	--	0.00
	Remarks: Pressure held							
7	Oct 01,2015 08:12	Establish Circulation	Water	1.75	100.0	--	5.00	5.00
	Remarks: Circulation							
8	Oct 01,2015 08:13	Mix Cement	Thermal 35	1.75	200.0	--	6.70	11.70
	Remarks: T.O.C 6,865							
9	Oct 01,2015 08:17	Displace Fluid	Water	3.30	1,000.0	--	26.00	37.70
10	Oct 01,2015 08:30	Stop		--	--	--	--	37.70
	Remarks: Stopped and wait on rig to pull out and wire-line.							
11	Oct 01,2015 11:50	Pressure Test	Water	--	2,300.0	--	--	0.00
	Remarks: Pressure Test							
12	Oct 01,2015 11:52	Establish Circulation	Water	3.00	700.0	--	5.00	5.00
13	Oct 01,2015 11:54	Pump Preflush		3.00	700.0	--	20.00	25.00
	Remarks: SMS							
14	Oct 01,2015 12:03	Pump Spacer	Water	3.00	700.0	--	5.00	30.00
15	Oct 01,2015 12:08	Mix Cement	0-1-0 G	3.00	900.0	--	43.00	73.00
16	Oct 01,2015 12:21	Displace Fluid	Water	3.00	950.0	--	12.70	85.70
17	Oct 01,2015 12:30	Stop		--	1,100.0	--	--	85.70
	Remarks: Sting out of retainer leaving 3 on top.							
18	Oct 01,2015 13:00	Job Complete		--	--	--	--	37.70
19	Oct 01,2015 13:30	Leave Location		--	--	--	--	37.70
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								
65868								
65869								



Cementing Service Report

9206673

Client Name Anadarko Petroleum Corporation	Well Name Platteville 23 - 19A	Rig Leed 721	Job Date October 02,2015	Call Sheet 1061266
Client Representative Mr. Nate Windholz	Surface Well Location NE SW Sec 19: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):	--- @ --

Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
10.000	20.000	531.000	1,020.000	--	--

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	33.82	8.097	9.625	0.0	531.0
4.500	11.600	J-55	4,960.0	5,350.0	107.48	4.000	5.000	1,020.0	7,935.0

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	4.350	1.995	2.910	0.000	1,124.000

Products

Plug 1

From Depth (ft): 1124

To Depth (ft): 150

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 310 Sacks of 0-1-8 G, Density = 14.8 lb/gal, Volume Pumped = 73.4 (bbl)

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

+ 0.5 % of CaCl₂ (Preblend),

+ 0.3 % of CFL-3 (Preblend),

+ 0.3 % of CFR-2 (Preblend),

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

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 150

Wellbore Fluid

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



9206673

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>
449083	TRAILER	Utility Trailer	201168	PICKUP	1 Ton	10/02/2015 08:00	10/02/2015 12:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	10/02/2015 08:00	10/02/2015 12:00
446200	TRAILER	Bulker	746200	TRACTOR	Tandem - Tractor	10/02/2015 08:00	10/02/2015 12:00
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)	10/02/2015 08:00	10/02/2015 12:00					
Pigg, Martin (28301)	10/02/2015 08:00	10/02/2015 12:00					
Decenick, Scott (30083)	10/02/2015 08:00	10/02/2015 12:00					

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	Oct 02,2015 07:30	Arrive On Location		--	--	--	--	0.00	
		Remarks: Signed in @ lease entrance.							
2	Oct 02,2015 07:35	Tailgate Meeting		--	--	--	--	0.00	
		Remarks: JSA.							
3	Oct 02,2015 09:00	Crew Briefing (Rig in)		--	--	--	--	0.00	
4	Oct 02,2015 10:00	Rig in Complete		--	--	--	--	0.00	
5	Oct 02,2015 10:15	Crew Briefing (Pre Job)		--	--	--	--	0.00	
6	Oct 02,2015 10:25	STEACS Briefing		--	--	--	--	0.00	
7	Oct 02,2015 10:30	Sign-off on Safety		--	--	--	--	0.00	
8	Oct 02,2015 10:34	Start - Fluid	Water	2.00	200.0	--	1.00	1.00	
		Remarks: Filled lines.							
9	Oct 02,2015 10:35	Pressure Test Start	Water	--	2,000.0	--	--	1.00	
10	Oct 02,2015 10:36	Pressure Test Complete	Water	--	2,000.0	--	--	1.00	
		Remarks: All lines held pressure.							
11	Oct 02,2015 10:37	Establish Circulation	Water	2.00	200.0	--	5.00	6.00	
		Remarks: We had circulation.							
12	Oct 02,2015 10:39	Pump Preflush	Water	4.00	400.0	--	10.00	16.00	
		Remarks: 100# SAPP.							
13	Oct 02,2015 10:43	Pump Spacer	Water	4.00	500.0	--	20.00	36.00	
14	Oct 02,2015 10:48	Mix Cement	0-1-8 G	4.00	900.0	--	73.40	109.40	
		Remarks: WR= 6.31,							
15	Oct 02,2015 11:13	Stop		--	--	--	--	109.40	
16	Oct 02,2015 11:15	Wash	Water	1.50	100.0	--	15.00	109.40	
17	Oct 02,2015 11:40	Rig Out		--	--	--	--	109.40	
		Remarks: Revisit JSA.							
18	Oct 02,2015 11:55	Pre-Departure Meeting		--	--	--	--	109.40	
19	Oct 02,2015 11:57	Job Complete		--	--	--	--	109.40	
20	Oct 02,2015 12:00	Leave Location		--	--	--	--	109.40	
		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									
Material Transfer Sheet Number <u>Material Transfer Sheet Number</u> 65881 65882									