



Cementing Service Report

9207961

Client Name Anadarko Petroleum Corporation	Well Name Olin 17 - 14K	Rig Leed 721	Job Date September 22, 2015	Call Sheet 1060969
Client Representative Mr. Nate Windholz	Surface Well Location SE SW Sec 17:T3N:R66W	Down Hole Well Location Sec 0:T0N:R0W	Job Type Abandonment Plugs	Lead Supervisor Klosterman, Austin (27698)

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 (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.875	6.500		--	--	--	--	0.000	7,140.000
1.660	2.300		--	--	--	--	0.000	7,140.000

Products

Plug 1

From Depth (ft): 7140

To Depth (ft): 6210

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 20 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 5.4 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of ASM-3 (Preblend)

Plug 2

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Fluid & Cement Data

Expected Cement Top: Depth (ft): 6210

Wellbore Fluid

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



Cementing Service Report

9207961

Units & Personnel							
Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449086	TRAILER	Utility Trailer	201173	PICKUP	1 Ton	09/22/2015 10:00	09/22/2015 14:00
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	09/22/2015 10:00	09/22/2015 14:00
746145	TRACTOR	Tandem - Tractor	746089	TRACTOR	Tandem - Tractor	09/22/2015 10:00	09/22/2015 14:00
Crew and Bonuses							
Employee	Start Shift	End Shift	Second Start Shift	Second End Shift			
Klosterman, Austin (27698)	09/22/2015 10:00	09/22/2015 14:00					
Spirek, Matthew (26921)	09/22/2015 10:00	09/22/2015 14:00					
Ripka, Robert (23825)	09/22/2015 10:00	09/22/2015 14:00					
Faircloth, Branden (29706)	09/22/2015 10:00	09/22/2015 14:00					

Treatment Reports & Remarks								
Treatment Report								
Event #	Event Time	Event Description	Fluid Type	Rate	Tubular Pressure	Annular Pressure	Stage Volume	Total Volume
				(bbl/min)	(psi)	(psi)	(bbl)	(bbl)
1	Sep 22,2015 10:00	Arrive On Location		0.00	0.0	0.0	0.00	0.00
2	Sep 22,2015 10:10	Crew Briefing (Rig in)		0.00	0.0	0.0	0.00	0.00
3	Sep 22,2015 11:50	Rig in Complete		0.00	0.0	0.0	0.00	0.00
4	Sep 22,2015 12:00	Crew Briefing (Pre Job)		0.00	0.0	0.0	0.00	0.00
5	Sep 22,2015 12:36	Pressure Test Start	Water	0.00	3,900.0	0.0	0.00	0.00
6	Sep 22,2015 12:37	Pressure Test Complete	Water	0.00	3,900.0	0.0	0.00	0.00
7	Sep 22,2015 12:38	Establish Circulation	Water	1.20	1,400.0	0.0	5.00	5.00
8	Sep 22,2015 12:42	Pump	Thermal 35	1.20	1,350.0	0.0	5.40	10.40
Remarks: Mix up and pump 20sx @15.8#, Yield 1.51, WR 6.23, MixH2O 3bbls, Scaled @1242 @15.8#.								
9	Sep 22,2015 12:47	Displace Fluid	Water	1.50	2,000.0	0.0	11.20	21.60
10	Sep 22,2015 13:00	Rig Out		0.00	0.0	0.0	0.00	21.60
11	Sep 22,2015 13:30	Job Complete		0.00	0.0	0.0	0.00	21.60
12	Sep 22,2015 14:00	Leave Location		0.00	0.0	0.0	0.00	21.60
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								
65808								
65807								



9208103

Client Name Anadarko Petroleum Corporation	Well Name Olin 17 - 14K	Rig Leed 721	Job Date September 23,2015	Call Sheet 1061007
Client Representative Mr. Nate Windholz	Surface Well Location SE SW Sec 17:T3N:R66W	Down Hole Well Location Sec 0:T0N:R0W	Job Type Abandonment Plugs	Lead Supervisor Douglass, Brian (23898)

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)
9.500	--	604.000	4,570.000	--	--

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	604.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.875	6.500		--	--	--	--	0.000	4,570.000

Products**Plug 1**

From Depth (ft): 4570

To Depth (ft): 4079

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 210 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 43 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 80 , Slurry Temperature(°F) = 78

+ 0.25 lb/sack of Polyflake (Preblend),

+ 0.5 % of CaCl₂ (Preblend),

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of CFL-3 (Preblend),

+ 0.4 % of CDF-4P (Preblend)

Plug 2

From Depth (ft): 1232

To Depth (ft): 316

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 310 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 73.4 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 80 , Slurry Temperature(°F) = 78

+ 0.5 % of CFR-2 (Preblend),

+ 0.2 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)



Cementing Service Report

9208103

Fluid & Cement Data

Expected Cement Top: Depth (ft): 316

Wellbore Fluid

<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	--	--	--	--	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>
201401	PICKUP	1 Ton				09/23/2015 08:00	09/23/2015 17:15
740067	BODY JOB	C & A				09/23/2015 08:00	09/23/2015 17:15
446113	TRAILER	Bulker	746113	TRACTOR	Tandem - Tractor	09/23/2015 08:00	09/23/2015 17:15

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Douglass, Brian (23898)	09/23/2015 08:00	09/23/2015 17:15		
Hardwick, Waco (23203)	09/23/2015 08:00	09/23/2015 17:15		
Davila, Israel (28152)	09/23/2015 08:00	09/23/2015 17:15		
Phillips, James (23627)	09/23/2015 08:00	09/23/2015 17:15		

Treatment Reports & Remarks									
Treatment Report									
Event #	Event Time	Event Description	Fluid Type	Rate	Tubular Pressure	Annular Pressure	Stage Volume	Total Volume	
				(bbl/min)	(psi)	(psi)	(bbl)	(bbl)	
1	Sep 23,2015 08:00	Arrive On Location		--	--	--	--	0.00	
2	Sep 23,2015 08:10	Crew Briefing (Rig in)		--	--	--	--	0.00	
3	Sep 23,2015 08:40	Rig in Complete		--	--	--	--	0.00	
4	Sep 23,2015 10:00	Crew Briefing (Pre Job)		--	--	--	--	0.00	
5	Sep 23,2015 10:32	Pressure Test Start		--	2,000.0	--	--	0.00	
6	Sep 23,2015 10:34	Pressure Test Complete		--	--	--	--	0.00	
7	Sep 23,2015 10:36	Pump Preflush	Water	4.00	800.0	--	5.00	0.00	
8	Sep 23,2015 10:38	Pump Preflush	Water	4.00	600.0	--	20.00	0.00	
	Remarks: with sms								
9	Sep 23,2015 10:43	Pump Preflush	Water	4.00	550.0	--	5.00	0.00	
10	Sep 23,2015 10:47	Pump	0-1-0 G	4.00	450.0	--	43.00	0.00	
	Remarks: wr. 4.98 yield 1.15 mix h20 25 bbls								
11	Sep 23,2015 10:59	Displace Fluid	Water	4.00	450.0	--	22.50	0.00	
12	Sep 23,2015 11:08	Stop		--	--	--	--	0.00	
	Remarks: wait for rig to go in and tag cement								
13	Sep 23,2015 16:16	Pump Preflush	Water	4.00	300.0	--	5.00	5.00	
14	Sep 23,2015 16:19	Pump Preflush	Water	4.00	350.0	--	10.00	15.00	
	Remarks: with sapp								
15	Sep 23,2015 16:22	Pump	0:1:0 Type III	4.00	350.0	--	73.40	88.40	
	Remarks: wr. 6.31 yield. 1.33 mix h20 47 bbls								
16	Sep 23,2015 16:50	Displace Fluid	Water	2.00	40.0	--	1.00	89.40	
17	Sep 23,2015 17:00	Rig Out		--	--	--	--	89.40	
18	Sep 23,2015 17:05	Job Complete		--	--	--	--	89.40	
19	Sep 23,2015 17:10	Pre-Departure Meeting		--	--	--	--	89.40	
20	Sep 23,2015 17:15	Leave Location		--	--	--	--	89.40	
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									
65814									
65815									