



Cementing Service Report

9207991

Client Name Anadarko Petroleum Corporation	Well Name PSC 15 -10	Rig Basic 1549	Job Date September 29,2015	Call Sheet 1061183
Client Representative Mr. Bill Smith	Surface Well Location SW SE Sec 10:T3N:R67W	Down Hole Well Location	Job Type Bradenhead Squeeze	Lead Supervisor Hall, Andrew J (25267)

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	20.000	0.000	1,003.000	--	--

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	33.31	8.097	9.625	0.0	523.0
4.500	11.600	J-55	4,960.0	5,350.0	112.62	4.000	5.000	0.0	7,246.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
1.315	1.800	J-55	10,000.000	1.070	1.049	1.900	0.000	1,003.000

Products

Plug 1

From Depth (ft): 0

To Depth (ft): 1003

Plug Type : Well Stability

Acids/Blends/Fluids :

Plug: 190 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 45 (bbl)

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

+ 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 % 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	--	8.400	--	--	Jan 15, 2015 18:10



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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>
449083	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	09/29/2015 10:30	09/29/2015 13:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	09/29/2015 10:30	09/29/2015 13:00
746502	BODY JOB	Baby Bulker				09/29/2015 10:30	09/29/2015 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>			
Hall, Andrew J (25267)	09/29/2015 10:30	09/29/2015 13:00					
Joyner, Barlen (28603)	09/29/2015 10:30	09/29/2015 13:00					
Pigg, Martin (28301)	09/29/2015 10:30	09/29/2015 13:00					
Melgarejo Herrera, Eduardo (26606)	09/29/2015 10:30	09/29/2015 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	Sep 29,2015 10:30	Arrive On Location		--	--	--	--	0.00	
2	Sep 29,2015 10:40	Crew Briefing (Rig in)		--	--	--	--	0.00	
3	Sep 29,2015 11:00	Rig in Complete		--	--	--	--	0.00	
4	Sep 29,2015 11:05	Crew Briefing (Pre Job)		--	--	--	--	0.00	
5	Sep 29,2015 11:30	Pressure Test Start	Water	1.00	2,000.0	--	3.00	3.00	
6	Sep 29,2015 11:32	Pressure Test Complete		--	--	--	--	3.00	
7	Sep 29,2015 11:33	Establish Circulation	Water	2.00	500.0	--	5.00	8.00	
8	Sep 29,2015 11:36	Pump Preflush	Water	2.00	500.0	--	20.00	28.00	
		Remarks: SMS							
9	Sep 29,2015 11:45	Pump Spacer	Water	2.00	500.0	--	5.00	33.00	
10	Sep 29,2015 11:47	Pump	0:1:0 Type III	2.00	1,000.0	--	45.00	78.00	
11	Sep 29,2015 12:10	Displace Fluid	Water	1.50	1,000.0	--	2.00	80.00	
12	Sep 29,2015 12:30	Rig Out		--	--	--	--	80.00	
13	Sep 29,2015 12:45	Job Complete		--	--	--	--	80.00	
		Remarks: AAR							
14	Sep 29,2015 13:00	Leave Location		--	--	--	--	80.00	
Did Float Hold:		Not Applicable							
Fluid Returns :		Yes							
Type :		Cement							
Volume (bbl) :		5							
Temperature (°F) :		90							
FDAS Functioning Correctly :		Yes							
Was the Program Followed As Per Design? :		Yes							
Material Transfer Sheet Number									
Material Transfer Sheet Number									
65850									
65851									