



Pumping Service Report

9190136

Client Name Anadarko Petroleum Corporation	Well Name 6-15 Strear 6-15	Rig Concord Well Servicing 3	Job Date March 25,2015	Call Sheet 1056890
Client Representative Mr. Rigo Cintora	Surface Well Location SE NW Sec 15:T2N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Johnson, Quintin (23945)



Pumping Service Report

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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)
4.500	11.600	J-55	4,960.0	5,350.0	83.29	4.000	5.000	0.0	5,359.0

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	20.720	1.995	2.910	0.000	5,359.000

Products

Plug 1

From Depth (ft): 5359

To Depth (ft): 4169

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 90 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 18.4 (bbl)

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

+ 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: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 08, 2014 14:34

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201274	PICKUP	3/4 Ton				03/25/2015 11:00	03/25/2015 14:00
740082	BODY JOB	C & A				03/25/2015 11:00	03/25/2015 14:00
746502	BODY JOB	Baby Bulker				03/25/2015 11:00	03/25/2015 14:00
200910	PICKUP	1/2 Ton				03/25/2015 11:00	03/25/2015 14:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Johnson, Quintin (23945)	03/25/2015 11:00	03/25/2015 14:00		
Cheal, Samuel (28315)	03/25/2015 11:00	03/25/2015 14:00		
Hall, Austin (28887)	03/25/2015 11:00	03/25/2015 14:00		
Spirek, Matthew (26921)	03/25/2015 11:00	03/25/2015 14:00		

**Treatment Reports & Remarks****Treatment Report**

<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u> (bbl/min)	<u>Tubular Pressure</u> (psi)	<u>Annular Pressure</u> (psi)	<u>Stage Volume</u> (bbl)	<u>Total Volume</u> (bbl)
1	Mar 25,2015 11:00	Arrive On Location Remarks: arrived ahead of schedule		--	--	--	--	0.00
2	Mar 25,2015 11:10	Tailgate Meeting Remarks: talked about spotting trucks		--	--	--	--	0.00
3	Mar 25,2015 11:20	Crew Briefing (Rig in) Remarks: talked about site hazards and how to mitigate them		--	--	--	--	0.00
4	Mar 25,2015 11:35	Rig In Remarks: rigged on our trucks and 3rd party water		--	--	--	--	0.00
5	Mar 25,2015 11:50	Rig in Complete Remarks: gather for safety meeting		--	--	--	--	0.00
6	Mar 25,2015 12:15	Crew Briefing (Pre Job) Remarks: talked about the job scope and safety concerns		--	--	--	--	0.00
7	Mar 25,2015 12:16	Sign-off on Safety Remarks: signed their ond our JSA		--	--	--	--	0.00
8	Mar 25,2015 12:50	Pressure Test Start Remarks: filled lines for pressure test	Water	1.00	300.0	--	0.50	0.50
9	Mar 25,2015 12:52	Pressure Test Remarks: pressure tested and line held	Water	0.00	2,500.0	--	0.00	0.50
10	Mar 25,2015 12:53	Pressure Test Complete Remarks: opened up to pump job		--	--	--	--	0.50
11	Mar 25,2015 12:54	Establish Circulation Remarks: got good circulation	Water	2.00	300.0	--	3.00	3.50
12	Mar 25,2015 12:56	Mix Cement Remarks: weighed slurry at 15.8	0-1-0 G	2.50	800.0	--	19.00	22.50
13	Mar 25,2015 13:06	Pump Displacement Remarks: brought plug to a balance	Water	2.00	300.0	--	15.60	38.10
14	Mar 25,2015 13:11	Stop Remarks: stop and rigged off for wash up		--	--	--	--	38.10
15	Mar 25,2015 13:15	Wash Remarks: washed mix and did run backs	Water	2.00	150.0	--	10.00	48.10
16	Mar 25,2015 13:40	Rig Out Remarks: rigged out our trucks		--	--	--	--	48.10
17	Mar 25,2015 13:50	Job Complete Remarks: do complete walk around and check pins		--	--	--	--	48.10
18	Mar 25,2015 14:00	Leave Location Remarks: go back to Sanjel yard		--	--	--	--	48.10



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

57828



Pumping Service Report

9203640

Client Name Anadarko Petroleum Corporation	Well Name 6-15 Strear 6-15	Rig Concord Well Servicing 3	Job Date March 26, 2015	Call Sheet 1056912
Client Representative Mr. Rigo Cintora	Surface Well Location SE NW Sec 15:T2N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Hansen, Kevin (27592)

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	--	727.000	1,240.000	--	--

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	46.30	8.097	9.625	0.0	727.0
4.500	11.600	J-55	4,960.0	5,350.0	1.55	4.000	5.000	1,240.0	1,340.0

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		--	--	--	--	0.000	1,340.000

Products

Plug 1

From Depth (ft): 416

To Depth (ft): 1340

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 260 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 61.6 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 65

+ 0.5 % of CaCl₂ (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	--	--	--	--	Oct 08, 2014 14:34



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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>
201017	PICKUP	1 Ton	449093	TRAILER	Utility Trailer	03/26/2015 11:00	03/26/2015 13:30
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	03/26/2015 11:00	03/26/2015 13:30
446075	TRAILER	Bulker	746075	TRACTOR	Tandem - Tractor	03/26/2015 11:00	03/26/2015 13:30
201253	PICKUP	1/2 Ton				03/26/2015 11:00	03/26/2015 13:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Hansen, Kevin (27592)	03/26/2015 11:00	03/26/2015 13:30		
Svoboda, Miloslav (28226)	03/26/2015 11:00	03/26/2015 13:30		
Devine, Richard (29733)	03/26/2015 11:00	03/26/2015 13:30		
Hardwick, Waco (23203)	03/26/2015 11:00	03/26/2015 13:30		



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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 26,2015 11:00	Arrive On Location		--	--	--	--	0.00
2	Mar 26,2015 11:10	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: Discussed spotting of trucks and filled out JSA						
3	Mar 26,2015 11:35	Rig in Complete		--	--	--	--	0.00
4	Mar 26,2015 11:40	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: Discussed job and safety concerns with rig crew and signed JSA						
5	Mar 26,2015 11:46	Pressure Test Start		2.00	150.0	--	2.00	2.00
		Remarks: Filled lines for pressure test						
6	Mar 26,2015 11:49	Pressure Test Complete		--	2,500.0	--	--	2.00
		Remarks: Pressure test good						
7	Mar 26,2015 11:50	Establish Circulation	Water	3.00	300.0	--	5.00	2.00
8	Mar 26,2015 11:52	Pump Preflush	Water	3.00	350.0	--	10.00	12.00
		Remarks: Pumped SAPP						
9	Mar 26,2015 11:55	Pump Spacer	Water	3.50	400.0	--	10.00	22.00
		Remarks: Pumped fresh water spacer						
10	Mar 26,2015 11:59	Mix Cement	0:1:0 Type III	3.50	600.0	--	61.60	83.60
		Remarks: Pumped @ D-14.8						
11	Mar 26,2015 12:15	Displace Fluid	Water	2.00	600.0	--	1.00	84.60
		Remarks: Displaced to Balance						
12	Mar 26,2015 12:25	Wash		--	--	--	--	84.60
13	Mar 26,2015 12:46	Rig Out		--	--	--	--	84.60
14	Mar 26,2015 13:00	Job Complete		--	--	--	--	84.60
15	Mar 26,2015 13:20	Pre-Departure Meeting		--	--	--	--	84.60
		Remarks: Discussed journey management						
16	Mar 26,2015 13:30	Leave Location		--	--	--	--	84.60

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

57832

57833