



Pumping Service Report

9204153

Client Name Anadarko Petroleum Corporation	Well Name UPRC Federal 5 - 6K	Rig Concord Well Servicing 3	Job Date March 11, 2015	Call Sheet 1056512
Client Representative Mr. Rigo Cintora	Surface Well Location SE SW Sec 5:T3N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Bell, Wesley (18479)

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):	--- @ --

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
1.660	2.300	J-55	8,490.000	13.280	1.380	2.054	0.000	7,180.000
2.875	6.500	J-55	7,680.000	41.560	2.441	3.668	0.000	7,180.000

Products

Plug 1

From Depth (ft): 7180

To Depth (ft): 6253

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 20 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 5.37 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 40 , Slurry Temperature(°F) = 50

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 6253

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
200866	PICKUP	3/4 Ton				03/11/2015 09:20	03/11/2015 13:20
740018-1	BODY JOB	C & A				03/11/2015 09:20	03/11/2015 13:20
746508	BODY JOB	Baby Bulker				03/11/2015 09:20	03/11/2015 13:20

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Bell, Wesley (18479)	03/11/2015 09:20	03/11/2015 13:20		
Curtner, Jerry (28310)	03/11/2015 09:20	03/11/2015 13:20		
Vitera, John (29843)	03/11/2015 09:20	03/11/2015 13:20		



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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 11,2015 09:20	Arrive On Location		--	--	--	--	0.00
2	Mar 11,2015 09:30	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Mar 11,2015 10:20	Rig in Complete		--	--	--	--	0.00
4	Mar 11,2015 11:30	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Mar 11,2015 11:47	Pressure Test Start	Water	0.30	2,800.0	0.0	2.00	2.00
		Remarks: no leaks						
6	Mar 11,2015 11:48	Pressure Test Complete	Water	--	0.0	0.0	--	2.00
7	Mar 11,2015 11:49	Pump Preflush	Water	1.00	1,800.0	0.0	5.00	7.00
		Remarks: Fresh water ahead						
8	Mar 11,2015 11:55	Batch Mix	Thermal 35	5.00	300.0	0.0	0.00	7.00
		Remarks: mix 5.4bbbls of Thermal 35@15.8ppg yield 1.51, mix water 6.23						
9	Mar 11,2015 12:07	Displace Fluid	Thermal 35	1.00	1,300.0	0.0	5.40	12.40
10	Mar 11,2015 12:14	Displace Fluid	Water	1.00	1,200.0	0.0	11.80	24.20
11	Mar 11,2015 12:24	Balance Plug	Water	0.00	0.0	0.0	0.00	24.20
12	Mar 11,2015 12:28	Rig Out		--	--	--	--	24.20
13	Mar 11,2015 13:05	Job Complete		--	--	--	--	24.20
14	Mar 11,2015 13:15	Leave Location		--	--	--	--	24.20

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 17

Temperature (°F) : 60

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

57615



Pumping Service Report

9203757

Client Name Anadarko Petroleum Corporation	Well Name UPRC Federal 5 - 6K	Rig Concord Well Servicing 3	Job Date March 16,2015	Call Sheet 1056655
Client Representative Mr. Rigo Cintora	Surface Well Location SE SW Sec 5:T3N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Schneider, Patrick (24093)

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	--	518.000	4,310.000	--	--

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	J-55	1,370.0	2,950.0	32.99	8.097	9.625	0.0	518.0

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	J-55	7,680.000	0.550	2.441	3.668	4,310.000	4,405.000
2.875	6.500	J-55	7,680.000	25.500	2.441	3.668	0.000	4,405.000

Products

Plug 1

From Depth (ft): 3821

To Depth (ft): 4405

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 275 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 56 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 65

+ 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: Depth (ft): 3821

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>
201274	PICKUP	3/4 Ton				03/16/2015 09:30	03/16/2015 14:30
740004	BODY JOB	C & A				03/16/2015 09:30	03/16/2015 14:30
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	03/16/2015 09:30	03/16/2015 14:30
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>			
Schneider, Patrick (24093)	03/16/2015 09:30	03/16/2015 14:30					
Davila, Israel (28152)	03/16/2015 09:30	03/16/2015 14:30					
Johnson, Jakob (30073)	03/16/2015 09:30	03/16/2015 14:30					
Treatment Reports & Remarks							



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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 16,2015 09:30	Arrive On Location		--	--	--	--	0.00
2	Mar 16,2015 09:35	Wait on Client (non Sanjel)		--	--	--	--	0.00
		Remarks: waited for rig crew to run tubing						
3	Mar 16,2015 10:30	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: discussed lease hazards and rig in procedures						
4	Mar 16,2015 10:50	Rig In		--	--	--	--	0.00
5	Mar 16,2015 11:20	Rig in Complete		--	--	--	--	0.00
6	Mar 16,2015 11:25	Wait On Instructions		--	--	--	--	0.00
		Remarks: waited for rig crew to circulate the hole						
7	Mar 16,2015 11:50	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: discussed job scope and everyones dutys						
8	Mar 16,2015 12:27	Start - Fluid	Water	1.00	--	--	2.00	2.00
		Remarks: filled lines						
9	Mar 16,2015 12:30	Pressure Test Start	Water	--	2,000.0	--	--	2.00
10	Mar 16,2015 12:32	Pressure Test Complete	Water	--	0.0	--	--	2.00
		Remarks: good pressure test						
11	Mar 16,2015 12:32	Pump Preflush	Water	3.00	400.0	--	20.00	22.00
		Remarks: well seal						
12	Mar 16,2015 12:40	Pump Spacer	Water	3.00	400.0	--	5.00	27.00
		Remarks: fresh water spacer						
13	Mar 16,2015 12:43	Mix Cement	0-1-0 G	3.00	500.0	--	56.00	83.00
		Remarks: plug cement @ 15.8 ppg yield = 1.15 h2o req = 4.98						
14	Mar 16,2015 13:07	Displace Fluid	Water	2.00	150.0	--	22.00	105.00
		Remarks: displaced to balance						
15	Mar 16,2015 13:18	Balance Plug	Water	--	0.0	--	--	105.00
16	Mar 16,2015 13:20	Tailgate Meeting		--	--	--	--	105.00
		Remarks: revisited JSA						
17	Mar 16,2015 13:30	Rig Out		--	--	--	--	105.00
18	Mar 16,2015 14:00	Wash	Water	--	--	--	--	105.00
		Remarks: washed pump and lines						
19	Mar 16,2015 14:20	Job Complete		--	--	--	--	105.00
20	Mar 16,2015 14:25	Pre-Departure Meeting		--	--	--	--	105.00
21	Mar 16,2015 14:30	Leave Location		--	--	--	--	105.00

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



Pumping Service Report

9204159

Client Name Anadarko Petroleum Corporation	Well Name UPRC Federal 5 - 6K	Rig Concord Well Servicing 3	Job Date March 17,2015	Call Sheet 1056690
Client Representative Mr. Rigo Cintora	Surface Well Location SE SW Sec 5:T3N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Bell, Wesley (18479)



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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): --- @ --

Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
10.000	40.000	518.000	1,102.000	518.000	1,102.000

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	32.99	8.097	9.625	0.0	518.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.875	6.500	J-55	7,680.000	6.380	2.441	3.668	0.000	1,102.000

Products

Plug 1

From Depth (ft): 1102

To Depth (ft): 0

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 260 Sacks of Control Set C, Density = 13.5 lb/gal, Volume Pumped = 80.5 (bbl)

Water Temperature(°F) = 45 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 55

+ 2 % of CaCl₂ (Preblend),

+ 2 % of Gypsum (Preblend),

+ 2 % of SMS (Preblend)

Fluid & Cement Data

Expected Cement Top: Surface

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
200866	PICKUP	3/4 Ton				03/17/2015 06:15	03/17/2015 10:15
740018-1	BODY JOB	C & A				03/17/2015 06:15	03/17/2015 10:15
446092	TRAILER	Bulker	746092	TRACTOR	Tandem - Tractor	03/17/2015 06:15	03/17/2015 10:15

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Bell, Wesley (18479)	03/17/2015 06:15	03/17/2015 10:15		
Curtner, Jerry (28310)	03/17/2015 06:15	03/17/2015 10:15		
Lindsay, Kevin (27589)	03/17/2015 06:15	03/17/2015 10:15		

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

Canada • USA • International

Print Date: March 24, 2015

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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 17,2015 06:15	Arrive On Location		--	--	--	--	0.00
2	Mar 17,2015 06:30	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Mar 17,2015 07:15	Rig in Complete		--	--	--	--	0.00
4	Mar 17,2015 08:15	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Mar 17,2015 08:37	Pressure Test Start	Water	0.30	2,000.0	0.0	1.00	1.00
		Remarks: no leaks						
6	Mar 17,2015 08:38	Pressure Test Complete	Water	--	0.0	0.0	--	1.00
7	Mar 17,2015 08:40	Establish Circulation	Water	3.80	300.0	0.0	5.00	6.00
8	Mar 17,2015 08:42	Pump Preflush	Water	3.80	300.0	0.0	10.00	16.00
		Remarks: Mud Flush						
9	Mar 17,2015 08:45	Pump Spacer	Water	3.80	350.0	0.0	5.00	21.00
		Remarks: Fresh water spacer						
10	Mar 17,2015 08:47	Jet Mix	Control Set C	3.80	150.0	0.0	80.50	101.50
		Remarks: mixed at 13.5ppg, yield: 1.74, water requirements 9.16gal/sk						
11	Mar 17,2015 09:15	Wash	Water	--	0.0	0.0	--	101.50
		Remarks: wash up to rig tanks						
12	Mar 17,2015 09:30	Rig Out		--	--	--	--	101.50
13	Mar 17,2015 10:00	Job Complete		--	--	--	--	101.50
14	Mar 17,2015 10:15	Leave Location		--	--	--	--	101.50

Did Float Hold: Not Applicable
Fluid Returns : Yes
Type : Cement
Volume (bbl) : 3
Temperature (°F) : 50
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

57713

57712