



Pumping Service Report

9204341

Client Name Anadarko Petroleum Corporation	Well Name Barclay UPRR 42 - 27A	Rig ECWS 7	Job Date June 23,2015	Call Sheet 1058597
Client Representative Mr. Traux Deal	Surface Well Location SE NE Sec 27:T3N:R66W	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): --- @ --

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)
4.500	15.100		--	--	--	--	--	0.0	7,070.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	0.000		--	--	--	--	0.000	7,065.000

Products

Plug 1

From Depth (ft): 7065

To Depth (ft): 6533

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) = 80 , Bulk Temperature(°F) = 80 , Slurry Temperature(°F) = 87

+ 0.3 % of ASM-3 (Preblend),

+ 0.3 % of CFR-2 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 6533

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jun 07, 2015 22:11

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Bridge Plug	7,070.000	Third Party



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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>
201114	PICKUP	3/4 Ton				06/23/2015 10:00	06/23/2015 12:30
740067	BODY JOB	C & A				06/23/2015 10:00	06/23/2015 12:30
746502	BODY JOB	Baby Bulker				06/23/2015 10:00	06/23/2015 12:30
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)	06/23/2015 10:00		06/23/2015 12:30				
Leue, David (28684)	06/23/2015 10:00		06/23/2015 12:30				
Hilt, Brandon (30128)	06/23/2015 10:00		06/23/2015 12:30				



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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	Jun 23,2015 10:00	Arrive On Location		--	--	--	--	0.00
2	Jun 23,2015 10:10	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: Discussed spotting trucks and filled out JSA						
3	Jun 23,2015 10:35	Rig in Complete		--	--	--	--	0.00
4	Jun 23,2015 10:45	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: Discussed job and safety concerns with rig crew and signed JSA						
5	Jun 23,2015 11:00	Pressure Test Start		2.00	600.0	--	2.00	2.00
		Remarks: Filled lines for pressure test						
6	Jun 23,2015 11:04	Pressure Test Complete		--	4,000.0	--	--	2.00
		Remarks: Pressure test good						
7	Jun 23,2015 11:10	Establish Circulation	Water	2.00	600.0	--	5.00	7.00
8	Jun 23,2015 11:20	Mix Cement	Thermal 35	2.00	600.0	--	6.70	13.70
		Remarks: Pumped @ D-15.8, Y-1.51, WR-6.23						
9	Jun 23,2015 11:48	Mix Cement		--	--	--	--	13.70
		Remarks: Weigh slurry to verify density						
10	Jun 23,2015 11:25	Displace Fluid	Water	3.00	1,300.0	--	25.50	39.20
		Remarks: Displaced to balance plug						
11	Jun 23,2015 11:40	Job Complete		--	--	--	--	39.20
12	Jun 23,2015 11:50	Wash		--	--	--	--	39.20
13	Jun 23,2015 12:05	Rig Out		--	--	--	--	39.20
14	Jun 23,2015 12:25	Pre-Departure Meeting		--	--	--	--	39.20
		Remarks: Discussed journey management						
15	Jun 23,2015 12:30	Leave Location		--	--	--	--	39.20

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

57210



Pumping Service Report

9206115

Client Name Anadarko Petroleum Corporation	Well Name Barclay UPRR 42 - 27A	Rig ECWS 7	Job Date June 24,2015	Call Sheet 1058613
Client Representative Mr. Traux Deal	Surface Well Location SE NE Sec 27: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)
11.000	--	630.000	4,540.000	--	--

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)
4.500	15.100	P-110	14,320.0	14,420.0	64.56	3.826	5.000	0.0	4,540.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	4.700	J-55	8,100.000	16.280	1.995	2.910	0.000	4,210.000

Products

Plug 1

From Depth (ft): 4100

To Depth (ft): 4540

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 280 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 57 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 75 , Slurry Temperature(°F) = 77

+ 0.5 % of CFR-2 (Preblend),

+ 0.2 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 4100

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jun 07, 2015 22:11

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	4,210.000	Third Party



Pumping Service Report

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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>
201191	PICKUP	1 Ton				06/24/2015 09:00	06/24/2015 12:00
740067	BODY JOB	C & A				06/24/2015 09:00	06/24/2015 12:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	06/24/2015 09:00	06/24/2015 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>			
Schneider, Patrick (24093)	06/24/2015 09:00	06/24/2015 12:00					
Joyner, Barlen (28603)	06/24/2015 09:00	06/24/2015 12:00					
Curtner, Jerry (28310)	06/24/2015 09:00	06/24/2015 12:00					
Crane, Troy (29924)	06/24/2015 09:00	06/24/2015 12:00					

Treatment Reports & Remarks



Pumping Service Report

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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	Jun 24,2015 09:00	Arrive On Location		--	--	--	--	0.00
2	Jun 24,2015 09:05	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: discussed lease hazards and rig in procedures						
3	Jun 24,2015 09:30	Rig In		--	--	--	--	0.00
4	Jun 24,2015 09:45	Rig in Complete		--	--	--	--	0.00
5	Jun 24,2015 09:50	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: discussed job scope and everyones dutys						
6	Jun 24,2015 10:15	Start - Fluid	Water	1.00	--	--	1.00	1.00
		Remarks: filled lines						
7	Jun 24,2015 10:17	Pressure Test Start	Water	--	3,000.0	--	--	1.00
8	Jun 24,2015 10:19	Pressure Test Complete	Water	--	0.0	--	--	1.00
		Remarks: good pressure test						
9	Jun 24,2015 10:19	Injection Test	Water	2.00	1,700.0	--	20.00	21.00
		Remarks: well seal						
10	Jun 24,2015 10:30	Pump Spacer	Water	2.00	1,600.0	--	10.00	31.00
		Remarks: fresh water spacer						
11	Jun 24,2015 10:35	Mix Cement	0-1-0 G	2.50	800.0	--	57.00	88.00
		Remarks: 280 sks squeeze cement @ 15.8 ppg yield = 1.15 h2o req = 4.98 total h2o = 33 bbl						
12	Jun 24,2015 11:04	Displace Fluid	Water	2.50	1,800.0	--	13.00	101.00
		Remarks: left 3 bbl cement on top of retainer						
13	Jun 24,2015 11:09	Finish Displacement	Water	--	600.0	--	--	101.00
		Remarks: ISIP 600 psi						
14	Jun 24,2015 11:12	Pull Out Off Retainer		--	--	--	--	101.00
		Remarks: rig pulled out of retainer						
15	Jun 24,2015 11:20	Tailgate Meeting		--	--	--	--	101.00
		Remarks: revisited JSA						
16	Jun 24,2015 11:25	Rig Out		--	--	--	--	101.00
17	Jun 24,2015 11:30	Wash	Water	--	--	--	--	101.00
		Remarks: washed pump and lines						
18	Jun 24,2015 11:45	Job Complete		--	--	--	--	101.00
19	Jun 24,2015 11:50	Pre-Departure Meeting		--	--	--	--	101.00
20	Jun 24,2015 12:00	Leave Location		--	--	--	--	101.00

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

9206116

Client Name Anadarko Petroleum Corporation	Well Name Barclay UPRR 42 - 27A	Rig ECWS 7	Job Date June 25,2015	Call Sheet 1058657
Client Representative Mr. Traux Deal	Surface Well Location SE NE Sec 27: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)
11.000	40.000	630.000	1,260.000	--	--

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	40.12	8.097	9.625	0.0	630.0
4.500	15.100	P-110	14,320.0	14,420.0	1.42	3.826	5.000	1,260.0	1,360.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.375	4.700	J-55	8,100.000	5.260	1.995	2.910	0.000	1,360.000

Products

Plug 1

From Depth (ft): 0

To Depth (ft): 1360

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 500 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 118 (bbl)

Water Temperature(°F) = 70 , Bulk Temperature(°F) = 90 , Slurry Temperature(°F) = 95

+ 0.5 % of CaCl₂ (Preblend),

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of CFL-3 (Preblend),

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

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jun 07, 2015 22:11



Pumping Service Report

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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>
201191	PICKUP	1 Ton				06/25/2015 11:00	06/25/2015 16:30
740067	BODY JOB	C & A				06/25/2015 11:00	06/25/2015 16:30
446113	TRAILER	Bulker	746113	TRACTOR	Tandem - Tractor	06/25/2015 11:00	06/25/2015 16:30
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)	06/25/2015 11:00	06/25/2015 16:30					
Curtner, Jerry (28310)	06/25/2015 11:00	06/25/2015 16:30					
Crane, Troy (29924)	06/25/2015 11:00	06/25/2015 16:30					
Treatment Reports & Remarks							



Pumping Service Report

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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	Jun 25,2015 11:00	Arrive On Location		--	--	--	--	0.00
2	Jun 25,2015 11:00	Wait on Client (non Sanjel)		--	--	--	--	0.00
		Remarks: waited for crew to pull casing and run tubing						
3	Jun 25,2015 12:30	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: discussed lease hazards and rig in procedures						
4	Jun 25,2015 13:00	Rig In		--	--	--	--	0.00
5	Jun 25,2015 13:15	Rig in Complete		--	--	--	--	0.00
6	Jun 25,2015 13:20	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: discussed job scope and everyones dutys						
7	Jun 25,2015 13:52	Start - Fluid	Water	1.00	--	--	1.00	1.00
		Remarks: filled lines						
8	Jun 25,2015 13:54	Pressure Test Start	Water	--	2,000.0	--	--	1.00
9	Jun 25,2015 13:56	Pressure Test Complete	Water	--	0.0	--	--	1.00
		Remarks: good pressure test						
10	Jun 25,2015 13:56	Pump Preflush	Water	2.00	175.0	--	10.00	11.00
		Remarks: mud flush						
11	Jun 25,2015 14:02	Pump Spacer	Water	3.00	250.0	--	20.00	31.00
		Remarks: fresh water spacer						
12	Jun 25,2015 14:10	Mix Cement	0:1:0 Type III	2.50	375.0	--	118.00	149.00
		Remarks: 500 sks plug cement @ 14.8 ppg yield = 1.33 h2o req = 6.31 total h2o = 75 bbl						
13	Jun 25,2015 15:00	Wash	Water	--	--	--	3.00	149.00
		Remarks: washed out lines						
14	Jun 25,2015 05:03	Displace Fluid	Water	1.00	700.0	--	1.50	150.50
		Remarks: displaced to balance						
15	Jun 25,2015 15:04	Balance Plug	Water	--	0.0	--	--	150.50
16	Jun 25,2015 15:05	Tailgate Meeting		--	--	--	--	150.50
		Remarks: revisited JSA						
17	Jun 25,2015 15:10	Rig Out		--	--	--	--	150.50
18	Jun 25,2015 15:30	Wash	Water	--	--	--	--	150.50
		Remarks: washed pump and lines						
19	Jun 25,2015 16:10	Job Complete		--	--	--	--	150.50
20	Jun 25,2015 16:15	Pre-Departure Meeting		--	--	--	--	150.50
21	Jun 25,2015 16:30	Leave Location		--	--	--	--	150.50

Did Float Hold: Not Applicable
Fluid Returns : Yes
Type : Cement
Volume (bbl) : 3
Temperature (°F) : 100
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes