



Pumping Service Report

9201444

Client Name Anadarko Petroleum Corporation	Well Name Dillon 44 - 15	Rig BWS 12	Job Date February 04,2015	Call Sheet 1054723
Client Representative Mr. Socorro Olivas	Surface Well Location SE SE Sec 15:T2N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Laeger, Kacey (25046)

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	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.063	3.250	J-55	7,690.000	21.530	1.751	2.325	0.000	7,230.000
3.500	7.700	J-55	5,970.000	66.110	3.068	4.250	0.000	7,230.000

Products

Plug 1

From Depth (ft): 6497
To Depth (ft): 7230
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) = 45 , Bulk Temperature(°F) = 30 , Slurry Temperature(°F) = 50
+ 0.3 % of CFR-2 (Preblend),
+ 0.3 % of ASM-3 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 6497

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 24, 2014 17:22

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449095	TRAILER	Utility Trailer	201173	PICKUP	1 Ton	02/04/2015 11:30	02/04/2015 14:30
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	02/04/2015 11:30	02/04/2015 14:30
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	02/04/2015 11:30	02/04/2015 14:30

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Laeger, Kacey (25046)	02/04/2015 11:30	02/04/2015 14:30		
Young, Craig (27496)	02/04/2015 11:30	02/04/2015 14:30		
Hall, Austin (28887)	02/04/2015 11:30	02/04/2015 14:30		
Anthony, James (30132)	02/04/2015 11:30	02/04/2015 14:30		



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	Feb 04,2015 11:30	Arrive On Location		--	--	--	--	0.00
2	Feb 04,2015 11:35	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: Held						
3	Feb 04,2015 12:00	Rig in Complete		--	--	--	--	0.00
4	Feb 04,2015 12:01	Wait on Client (non Sanjel)		--	--	--	--	0.00
5	Feb 04,2015 14:20	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: Held						
6	Feb 04,2015 14:54	Pressure Test Start	Water	1.00	40.0	--	1.00	1.00
		Remarks: Filled lines						
7	Feb 04,2015 14:56	Pressure Test Complete		--	2,000.0	--	--	1.00
		Remarks: Lines held good						
8	Feb 04,2015 14:58	Establish Circulation	Water	2.00	400.0	--	20.00	21.00
		Remarks: No circulaion company man said go head with cement						
9	Feb 04,2015 15:07	Mix Cement	Thermal 35	1.50	80.0	--	6.70	27.70
		Remarks: 25sks of thermal 35 at 15.8lb/gal						
10	Feb 04,2015 15:16	Displace Fluid	Water	2.00	600.0	--	19.00	46.70
		Remarks: displace to balance plug						
11	Feb 04,2015 15:26	Finish Displacement	Water	--	--	--	--	46.70
		Remarks: Balance plug						
12	Feb 04,2015 15:30	Wash	Water	--	--	--	20.00	46.70
		Remarks: Wash pump unit						
13	Feb 04,2015 15:50	Tailgate Meeting		--	--	--	--	46.70
		Remarks: Held						
14	Feb 04,2015 16:00	Rig Out		--	--	--	--	46.70
15	Feb 04,2015 16:10	Job Complete		--	--	--	--	46.70
		Remarks: Revisit JSA						
16	Feb 04,2015 16:11	Pre-Departure Meeting		--	--	--	--	46.70
17	Feb 04,2015 16:20	Leave Location		--	--	--	--	46.70

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

55684



Pumping Service Report

9202464

Client Name Anadarko Petroleum Corporation	Well Name Dillon 44 - 15	Rig BWS 12	Job Date February 07,2015	Call Sheet 1054868
Client Representative Mr. Socorro Olivas	Surface Well Location SE SE Sec 15:T2N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Douglass, Brian (23898)



Pumping Service Report

9202464

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)
3.500	7.700		--	--	--	--	--	0.0	4,400.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.063	3.250		--	--	--	--	0.000	4,320.000

Products

Plug 1

From Depth (ft): 3818

To Depth (ft): 4320

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 70 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 14.3 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 76

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 3818

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 24, 2014 17:22

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449039	TRAILER	Utility Trailer	201114	PICKUP	3/4 Ton	02/07/2015 09:00	02/07/2015 11:45
445026	TRAILER	SCM Twin	745026	TRACTOR	Tandem - Tractor	02/07/2015 09:00	02/07/2015 11:45
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	02/07/2015 09:00	02/07/2015 11:45

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Douglass, Brian (23898)	02/07/2015 09:00	02/07/2015 11:45		
Cheal, Samuel (28315)	02/07/2015 09:00	02/07/2015 11:45		
Anthony, James (30132)	02/07/2015 09:00	02/07/2015 11:45		
Meade, James (29964)	02/07/2015 09:00	02/07/2015 11:45		
Vitera, John (29843)	02/07/2015 09:00	02/07/2015 11:45		

**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	Feb 07,2015 09:00	Arrive On Location		--	--	--	--	0.00
2	Feb 07,2015 09:10	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Feb 07,2015 09:50	Rig in Complete		--	--	--	--	0.00
4	Feb 07,2015 10:10	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Feb 07,2015 10:20	Pressure Test Start		--	3,000.0	--	--	0.00
6	Feb 07,2015 10:22	Pressure Test Complete		--	--	--	--	0.00
7	Feb 07,2015 10:24	Pump Preflush	Water	2.00	100.0	--	5.00	0.00
8	Feb 07,2015 10:35	Pump	0-1-0 G	1.50	100.0	--	14.30	0.00
9	Feb 07,2015 10:45	Displace Fluid	Water	1.00	100.0	--	9.50	0.00
10	Feb 07,2015 10:55	Stop		--	--	--	--	0.00
Remarks: rig going to sting out								
11	Feb 07,2015 10:56	Pump	Water	1.00	70.0	--	1.50	0.00
12	Feb 07,2015 11:00	Rig Out		--	--	--	--	0.00
13	Feb 07,2015 11:15	Job Complete		--	--	--	--	0.00
14	Feb 07,2015 11:45	Leave Location		--	--	--	--	0.00

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

Material Transfer Sheet NumberMaterial Transfer Sheet Number

55660



Pumping Service Report

9201235

Client Name Anadarko Petroleum Corporation	Well Name Dillon 44 - 15	Rig BWS 12	Job Date February 08,2015	Call Sheet 1054911
Client Representative Mr. Socorro Olivas	Surface Well Location SE SE Sec 15:T2N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Price, Ryan (25840)

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	--	616.000	1,020.000	--	--

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)
3.500	7.700		--	--	--	--	--	0.0	4,320.0
8.625	24.000		--	--	--	--	--	0.0	610.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.063	3.250		--	--	--	--	0.000	4,320.000
2.063	3.250		--	--	--	--	0.000	1,020.000

Products

Plug 1

From Depth (ft): 2978

To Depth (ft): 4320

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 20 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 4 (bbl)

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

Plug 2

From Depth (ft): 130

To Depth (ft): 1020

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 265 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 63 (bbl)

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

- + 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 lb/sack of Polyflake (Preblend)



Pumping Service Report

9201235

Fluid & Cement Data

Expected Cement Top: Depth (ft): 130

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	--	8.400	--	--	Aug 24, 2014 17:22

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>
201273	PICKUP	3/4 Ton				02/08/2015 07:30	02/08/2015 17:30
740018-1	BODY JOB	C & A				02/08/2015 07:30	02/08/2015 17:30
446092	TRAILER	Bulker	746092	TRACTOR	Tandem - Tractor	02/08/2015 07:30	02/08/2015 17:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Price, Ryan (25840)	02/08/2015 07:30	02/08/2015 17:30		
Curtner, Jerry (28310)	02/08/2015 07:30	02/08/2015 17:30		
Hall, Austin (28887)	02/08/2015 07:30	02/08/2015 17:30		
Devine, Richard (29733)	02/08/2015 07:30	02/08/2015 17:30		



Pumping Service Report

9201235

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	Feb 08,2015 07:30	Arrive On Location		--	--	--	--	0.00
2	Feb 08,2015 07:35	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Feb 08,2015 07:55	Rig in Complete		--	--	--	--	0.00
4	Feb 08,2015 08:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Feb 08,2015 08:24	Pressure Test Start		--	2,500.0	--	--	0.00
6	Feb 08,2015 08:26	Pressure Test Complete		--	--	--	--	0.00
7	Feb 08,2015 08:27	Establish Circulation	Water	2.00	800.0	--	5.00	5.00
8	Feb 08,2015 08:36	Mix Cement	0-1-0 G	2.00	400.0	--	4.00	9.00
9	Feb 08,2015 08:39	Pump Displacement	Water	2.00	100.0	--	11.00	20.00
10	Feb 08,2015 08:47	Stop		--	--	--	--	20.00
11	Feb 08,2015 08:55	Job Complete		--	--	--	--	20.00
12	Feb 08,2015 09:00	Wait On Instructions		--	--	--	--	0.00
Remarks: wait for next plug								
13	Feb 08,2015 15:48	Pressure Test		--	2,000.0	--	--	0.00
14	Feb 08,2015 15:50	Establish Circulation	Water	2.50	350.0	--	5.00	5.00
15	Feb 08,2015 15:52	Pump Preflush	Water	2.80	350.0	--	10.00	15.00
Remarks: pump mud flush								
16	Feb 08,2015 15:55	Pump Spacer	Water	2.80	350.0	--	5.00	20.00
17	Feb 08,2015 15:57	Mix Cement	0:1:0 Type III	2.80	550.0	--	63.00	83.00
18	Feb 08,2015 16:21	Pump Displacement	Water	2.50	100.0	--	1.50	84.50
19	Feb 08,2015 16:22	Stop		--	--	--	--	84.50
20	Feb 08,2015 16:35	Wash		--	--	--	--	84.50
21	Feb 08,2015 16:55	Rig Out		--	--	--	--	84.50
22	Feb 08,2015 17:25	Job Complete		--	--	--	--	84.50
23	Feb 08,2015 17:27	Pre-Departure Meeting		--	--	--	--	84.50
24	Feb 08,2015 17:30	Leave Location		--	--	--	--	84.50

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

55740

55727