



## Pumping Service Report

9184615

Client Name Anadarko Petroleum Corporation	Well Name Dayley 13-36	Rig BWS 12	Job Date February 14,2015	Call Sheet 1055235
Client Representative Mr. Socorro Olivas	Surface Well Location SW SW Sec 36:T4N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Maguire, Matthew (26325)

### 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	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		--	--	--	--	--	0.0	471.0
4.500	11.600		--	--	--	--	--	471.0	6,945.0

### 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	26.850	1.995	2.910	0.000	6,945.000

### Products

#### Plug 1

From Depth (ft): 6945

To Depth (ft): 6513

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 25 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 6.7 (bbl)

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

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

#### Plug 2

From Depth (ft):

To Depth (ft):

Plug Type : N/A

Acids/Blends/Fluids :

### Fluid & Cement Data

Expected Cement Top: Depth (ft): 6513

#### Wellbore Fluid

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



## 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>
201274	PICKUP	3/4 Ton				02/14/2015 06:30	02/14/2015 10:30
740004	BODY JOB	C & A				02/14/2015 06:30	02/14/2015 10:30
746502	BODY JOB	Baby Bulker				02/14/2015 06:30	02/14/2015 10:30

#### Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew (26325)	02/14/2015 06:30	02/14/2015 10:30		
Doran, Benjamin (27933)	02/14/2015 06:30	02/14/2015 10:30		
Cheal, Samuel (28315)	02/14/2015 06:30	02/14/2015 10:30		
Dunsbergen, Scott (29737)	02/14/2015 06:30	02/14/2015 10:30		

### 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 14, 2015 06:30	Arrive On Location		--	--	--	--	0.00
2	Feb 14, 2015 06:35	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Feb 14, 2015 08:40	Rig in Complete		--	--	--	--	0.00
4	Feb 14, 2015 08:50	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Feb 14, 2015 08:56	Pressure Test Start	Water	2.00	600.0	--	2.00	2.00
		Remarks: Fill Lines						
6	Feb 14, 2015 08:57	Pressure Test Complete	Water	--	2,500.0	--	--	2.00
		Remarks: All Lines held pressure						
7	Feb 14, 2015 08:59	Establish Circulation	Water	2.50	600.0	--	3.00	5.00
8	Feb 14, 2015 09:02	Mix Cement	Thermal 35	2.50	800.0	--	6.70	11.70
		Remarks: Mix/Pump 25 Sacks (6.7 BBLs), 1.51 Yield, 6.23 Water Requirement, 127.68 Sack Weight						
9	Feb 14, 2015 09:24	Displace Fluid	Water	2.50	600.0	--	25.00	36.70
10	Feb 14, 2015 10:10	Rig Out		--	--	--	--	36.70
11	Feb 14, 2015 10:25	Job Complete		--	--	--	--	36.70
12	Feb 14, 2015 10:30	Leave Location		--	--	--	--	36.70

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

55560

55561



## Pumping Service Report

9201005

Client Name Anadarko Petroleum Corporation	Well Name Dayley 13-36	Rig BWS 12	Job Date February 17,2015	Call Sheet 1055376
Client Representative Mr. Socorro Olivas	Surface Well Location SW SW Sec 36:T4N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor

### 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	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	11.600	J-55	4,960.0	5,350.0	69.94	4.000	5.000	0.0	4,500.0

### 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	15.770	1.995	2.910	0.000	4,080.000

### Products

#### Plug 1

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 230 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 47.1 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 40 , Slurry Temperature(°F) = 80

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend),

+ 0.5 % of LWA (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	--	--	Aug 24, 2014 17:22

### Attachment & Tools

#### Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	4,080.000	Third Party



## Pumping Service Report

9201005

### 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>
449039	TRAILER	Utility Trailer	200848	PICKUP	3/4 Ton	02/17/2015 11:00	02/17/2015 14:20
445026	TRAILER	SCM Twin	745026	TRACTOR	Tandem - Tractor	02/17/2015 11:00	02/17/2015 14:20
446092	TRAILER	Bulker	746092	TRACTOR	Tandem - Tractor	02/17/2015 11:00	02/17/2015 14:20

#### Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Martin, David (20339)	02/17/2015 11:00	02/17/2015 14:20		
Keeton, Derek (26192)	02/17/2015 11:00	02/17/2015 14:20		
Waltman, Jared (25370)	02/17/2015 11:00	02/17/2015 14:20		
Allen, Mark (29987)	02/17/2015 11:00	02/17/2015 14:20		

### 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 17, 2015 11:00	Arrive On Location		--	--	--	--	0.00
2	Feb 17, 2015 11:15	Tailgate Meeting		--	--	--	--	0.00
3	Feb 17, 2015 11:30	Rig In		--	--	--	--	0.00
4	Feb 17, 2015 11:45	Safety Meeting		--	--	--	--	0.00
5	Feb 17, 2015 11:55	Sign-off on Safety		--	--	--	--	0.00
6	Feb 17, 2015 12:10	STEACS Briefing		--	--	--	--	0.00
7	Feb 17, 2015 12:27	Establish Circulation	Water	2.00	600.0	--	10.00	10.00
8	Feb 17, 2015 12:33	Pressure Test	Water	--	3,200.0	--	--	10.00
9	Feb 17, 2015 12:35	Forward Circulate	Water	2.00	600.0	--	10.00	20.00
10	Feb 17, 2015 12:43	Mix Cement	0-1-0 G	2.00	60.0	--	47.10	67.10
Remarks: 15.8 By mud scale.								
11	Feb 17, 2015 13:09	Displace Fluid	Water	2.00	800.0	--	12.50	79.60
12	Feb 17, 2015 13:18	Pull Out Off Retainer		--	300.0	--	--	79.60
13	Feb 17, 2015 13:20	Rig Out		--	--	--	--	79.60
14	Feb 17, 2015 13:30	Job Complete		--	--	--	--	79.60
15	Feb 17, 2015 14:10	Pre-Departure Meeting		--	--	--	--	0.00
16	Feb 17, 2015 14:20	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 Number

Material Transfer Sheet Number

55585



Comments To Service Report
Job went well. Pumped job to company man request.



## Pumping Service Report

9203627

Client Name Anadarko Petroleum Corporation	Well Name Dayley 13-36	Rig BWS 12	Job Date February 18,2015	Call Sheet 1055469
Client Representative Mr. Socorro Olivas	Surface Well Location SW SW Sec 36:T4N: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): --- @ --

### Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
9.000	--	471.000	1,150.000	--	--

### 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	30.00	8.097	9.625	0.0	471.0
4.500	11.600	J-55	4,960.0	5,350.0	1.55	4.000	5.000	1,150.0	1,250.0

### 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	0.000	J-55	--	--	--	--	0.000	1,250.000

### Products

#### Plug 1

From Depth (ft): 200

To Depth (ft): 1250

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 370 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 87.6 (bbl)

Water Temperature(°F) = 65 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 75

+ 0.5 % of CaCl<sub>2</sub> (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: Depth (ft): 200

#### Wellbore Fluid

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



## 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>
449087	TRAILER	Utility Trailer	201009	PICKUP	1 Ton	02/18/2015 14:00	02/18/2015 16:00
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	02/18/2015 14:00	02/18/2015 16:00
446024	TRAILER	Bulker	746024	TRACTOR	Tandem - Tractor	02/18/2015 14:00	02/18/2015 16:00
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>		<u>End Shift</u>		<u>Second Start Shift</u>		<u>Second End Shift</u>
Hansen, Kevin (27592)	02/18/2015 14:00		02/18/2015 16:00				
Svoboda, Miloslav (28226)	02/18/2015 14:00		02/18/2015 16:00				
Hilt, Brandon (30128)	02/18/2015 14:00		02/18/2015 16:00				
Paiu, Vladislav (28091)	02/18/2015 14:00		02/18/2015 16:00				



## 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 18, 2015 14:00	Arrive On Location		--	--	--	--	0.00
2	Feb 18, 2015 14:10	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: Discussed spotting of trucks and filled out JSA						
3	Feb 18, 2015 14:20	Rig in Complete		--	--	--	--	0.00
4	Feb 18, 2015 14:30	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: Discussed job and safety concerns with rig crew Signed JSA						
5	Feb 18, 2015 14:36	Pressure Test Start	Water	2.00	250.0	--	2.00	2.00
		Remarks: Filled lines for pressure test						
6	Feb 18, 2015 14:39	Pressure Test Complete		--	2,500.0	--	--	2.00
		Remarks: Pressure test good						
7	Feb 18, 2015 14:40	Establish Circulation	Water	3.00	300.0	--	5.00	7.00
8	Feb 18, 2015 14:42	Pump Preflush	Water	3.00	300.0	--	10.00	17.00
		Remarks: Pumped SAPP						
9	Feb 18, 2015 14:47	Pump Spacer	Water	3.00	300.0	--	10.00	27.00
10	Feb 18, 2015 14:48	Mix Cement	0:1:0 Type III	3.00	500.0	--	87.60	114.60
		Remarks: Mixed @ D-14.8						
11	Feb 18, 2015 15:13	Displace Fluid	Water	2.00	400.0	--	1.50	116.10
12	Feb 18, 2015 15:20	Job Complete		--	--	--	--	116.10
13	Feb 18, 2015 15:31	Wash		--	--	--	--	116.10
14	Feb 18, 2015 15:45	Rig Out		--	--	--	--	116.10
15	Feb 18, 2015 15:55	Pre-Departure Meeting		--	--	--	--	116.10
		Remarks: Discussed journey management						
16	Feb 18, 2015 16:00	Leave Location		--	--	--	--	116.10

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

55605

55606