



**Pumping  
Service Report**

**9189440**

Client Name Anadarko Petroleum Corporation	Well Name Anderson Family Trust # 1	Job Date April 21, 2014	Call Sheet 1041358
Client Representative Traux Deal	Location SW SW Sec 27:T3N:R68W	Job Type Abandonment Plugs	Rig Key 104

**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	77.71	4.000	5.000	0.0	5,000.0

**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	18.960	1.995	2.910	0.000	4,905.000

**Products**

**Plug 1**

From Depth (ft): 4905

To Depth (ft): 3692

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 70 Sacks of Thermal 35, Density = 15.4 lb/gal, Volume Pumped = 18.8 (bbl)

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend)

**Fluid & Cement Data**

Expected Cement Top: Depth (ft): 3692

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Apr 21, 2014 11:10



**Pumping  
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**9189440**

**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>
200848	PICKUP	3/4 Ton				04/21/2014 13:30	04/21/2014 17:00
740004	BODY JOB	C & A				04/21/2014 13:30	04/21/2014 17:00
746502	BODY JOB	Baby Bulker				04/21/2014 13:30	04/21/2014 17:00

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Bushnell, Cody	04/21/2014 13:30	04/21/2014 17:00		
McMartin, Granite	04/21/2014 13:30	04/21/2014 17:00		
Williams, Colt	04/21/2014 13:30	04/21/2014 17:00		
Daylong, Eric	04/21/2014 13:30	04/21/2014 17:00		
Cheal, Samuel	04/21/2014 13:30	04/21/2014 17:00		

**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	Apr 21, 2014 13:30	Arrive On Location		0.00	0.0	0.0	0.00	0.00
2	Apr 21, 2014 13:35	Tailgate Meeting		0.00	0.0	0.0	0.00	0.00
3	Apr 21, 2014 13:40	Safety Meeting		0.00	0.0	0.0	0.00	0.00
4	Apr 21, 2014 13:45	Sign-off on Safety		0.00	0.0	0.0	0.00	0.00
5	Apr 21, 2014 13:50	Rig In		0.00	0.0	0.0	0.00	0.00
6	Apr 21, 2014 15:44	Pressure Test	Water	0.00	0.0	0.0	0.00	0.00
		Remarks: Test Sanjel Lines						
7	Apr 21, 2014 15:45	Pump	Water	2.00	300.0	0.0	5.00	5.00
		Remarks: Establish Circulation						
8	Apr 21, 2014 16:03	Pump	Thermal 35	2.00	1,000.0	0.0	18.80	23.80
9	Apr 21, 2014 16:11	Pump	Water	2.00	800.0	0.0	12.70	36.50
		Remarks: Displace To Balance						
10	Apr 21, 2014 16:25	JSA	---	0.00	0.0	0.0	0.00	36.50
		Remarks: Pre Rig Out Meeting						
11	Apr 21, 2014 16:30	Rig Out	---	0.00	0.0	0.0	0.00	36.50
12	Apr 21, 2014 16:55	Pre-Departure Meeting	---	0.00	0.0	0.0	0.00	36.50
13	Apr 21, 2014 16:55	Job Complete	---	0.00	0.0	0.0	0.00	36.50
14	Apr 21, 2014 17:00	Leave Location	---	0.00	0.0	0.0	0.00	36.50

Did Float Hold: Not Applicable

Fluid Returns : No

Type :

Volume (bbl) :

Temperature (°F) : --

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : No

No Program Generated





**Pumping  
Service Report**

**9189440**

**Treatment Reports & Remarks**

**Material Transfer Sheet Number**

Material Transfer Sheet Number

9946

**Comments To Service Report**

Job went good and was pumped as per customer request.



**Pumping  
Service Report**

**9189441**

Client Name Anadarko Petroleum Corporation	Well Name Anderson Family Trust # 1	Job Date April 22, 2014	Call Sheet 1041390
Client Representative Traux Deal	Location SW SW Sec 27:T3N:R68W	Job Type Abandonment Plugs	Rig Key 104

**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	77.71	4.000	5.000	0.0	5,000.0

**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	15.120	1.995	2.910	0.000	3,912.000

**Products**

**Plug 1**

From Depth (ft): 3718  
To Depth (ft): 3980  
Plug Type : Abandonment  
Acids/Blends/Fluids :  
Plug: 80 Sacks of 0-1-0 G, Density = 15.6 lb/gal, Volume Pumped = 16.3 (bbl)  
+ 0.5 % of CFR-2 (Preblend),  
+ 0.5 % 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	--	8.340	--	--	Apr 21, 2014 11:10

**Attachment & Tools**

**Down Hole Tools**

Tool Type	Depth (ft)	Supplier
Cement Retainer	3,912.000	Third Party





**Pumping  
Service Report**

**9189441**

**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>
200848	PICKUP	3/4 Ton				04/22/2014 08:30	04/22/2014 11:00
740004	BODY JOB	C & A				04/22/2014 08:30	04/22/2014 11:00
746502	BODY JOB	Baby Bulker				04/22/2014 08:30	04/22/2014 11:00

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Bushnell, Cody	04/22/2014 08:30	04/22/2014 11:00		
McMartin, Granite	04/22/2014 08:30	04/22/2014 11:00		
Williams, Colt	04/22/2014 08:30	04/22/2014 11:00		
Phillips, James	04/22/2014 08:30	04/22/2014 11:00		
Pigg, Martin	04/22/2014 08:30	04/22/2014 11:00		

**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	Apr 22, 2014 08:30	Arrive On Location	---	0.00	0.0	0.0	0.00	0.00
2	Apr 22, 2014 08:35	Tailgate Meeting	---	0.00	0.0	0.0	0.00	0.00
3	Apr 22, 2014 08:40	Safety Meeting	---	0.00	0.0	0.0	0.00	0.00
4	Apr 22, 2014 08:45	Sign-off on Safety	---	0.00	0.0	0.0	0.00	0.00
5	Apr 22, 2014 08:50	Rig In	---	0.00	0.0	0.0	0.00	0.00
6	Apr 22, 2014 09:27	Pressure Test	Water	0.00	0.0	0.0	0.00	0.00
Remarks: Test Sanjel Lines								
7	Apr 22, 2014 09:28	Pump	Water	2.00	800.0	0.0	10.00	10.00
Remarks: Pump Well Seal								
8	Apr 22, 2014 10:07	Pump	0-1-0 G	2.00	850.0	0.0	16.30	26.30
9	Apr 22, 2014 10:12	Pump	Water	2.00	850.0	0.0	12.10	38.40
10	Apr 22, 2014 10:20	JSA	---	0.00	0.0	0.0	0.00	38.40
Remarks: Pre Rig Out Meeting								
11	Apr 22, 2014 10:30	Rig Out	---	0.00	0.0	0.0	0.00	38.40
12	Apr 22, 2014 10:55	Pre-Departure Meeting	---	0.00	0.0	0.0	0.00	38.40
13	Apr 22, 2014 10:55	Job Complete	---	0.00	0.0	0.0	0.00	38.40
14	Apr 22, 2014 11:00	Leave Location	---	0.00	0.0	0.0	0.00	38.40

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? : No

No Program Generated.



**Pumping  
Service Report**

**9189441**

**Treatment Reports & Remarks**

**Material Transfer Sheet Number**

Material Transfer Sheet Number

9959

9979

**Comments To Service Report**

Job went good and was pumped as per customer request. Sam data recorder was not reading the weight of fluid correctly. It was scaled at 15.6 ppg.





**Pumping  
Service Report**

**9190947**

**Units & Personnel**

Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449093	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	04/23/2014 07:00	04/23/2014 10:25
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	04/23/2014 07:00	04/23/2014 10:25
746502	BODY JOB	Baby Bulker				04/23/2014 07:00	04/23/2014 10:25

**Crew and Bonuses**

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Douglass, Brian	04/23/2014 07:00	04/23/2014 10:25		
Cox, Brandon	04/23/2014 07:00	04/23/2014 10:25		
Cheal, Samuel	04/23/2014 07:00	04/23/2014 10:25		
Lampp III, Larry	04/23/2014 07:00	04/23/2014 10:25		

**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	Apr 23, 2014 07:00	Arrive On Location	---	--	--	--	--	0.00
2	Apr 23, 2014 07:10	Tailgate Meeting	---	--	--	--	--	0.00
3	Apr 23, 2014 07:15	Rig In	---	--	--	--	--	0.00
4	Apr 23, 2014 08:00	Safety Meeting	---	--	--	--	--	0.00
5	Apr 23, 2014 08:05	Sign-off on Safety	---	--	--	--	--	0.00
6	Apr 23, 2014 08:09	Establish Circulation	Water	2.00	20.0	--	1.00	1.00
		Remarks: fill lines						
7	Apr 23, 2014 08:10	Pressure Test	---	--	2,000.0	--	--	1.00
8	Apr 23, 2014 08:12	Establish Circulation	Water	2.00	20.0	--	10.00	11.00
9	Apr 23, 2014 08:20	Mix Cement	0:1:0 Type III	1.50	20.0	--	52.00	63.00
10	Apr 23, 2014 09:15	Pump Displacement	Water	2.00	10.0	--	1.50	64.50
11	Apr 23, 2014 09:25	Rig Out	---	--	--	--	--	64.50
12	Apr 23, 2014 10:00	Job Complete	---	--	--	--	--	64.50
13	Apr 23, 2014 10:15	Pre-Departure Meeting	---	--	--	--	--	64.50
14	Apr 23, 2014 10:25	Leave Location	---	--	--	--	--	64.50

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

9964



**Pumping  
Service Report**

**9190947**

Client Name Anadarko Petroleum Corporation	Well Name Anderson Family Trust # 1	Job Date April 23, 2014	Call Sheet 1041402
Client Representative Traux Deal	Location SW SW Sec 27:T3N:R68W	Job Type Abandonment Plugs	Rig Key 104

**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)
6.625	24.000	---	--	--	--	--	--	0.0	575.0
4.500	11.600	---	--	--	--	--	--	0.0	800.0

**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	---	--	--	--	--	0.000	895.000

**Products**

**Plug 1**

From Depth (ft): 370

To Depth (ft): 800

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 200 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 52 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60

+ 1 % of CaCl<sub>2</sub>,

+ 0.25 % of Polyflake

**Fluid & Cement Data**

Expected Cement Top: Depth (ft): 370

**Wellbore Fluid**

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Apr 21, 2014 11:10