



**Pumping
Service Report**

9187521

Client Name Anadarko Petroleum Corporation	Well Name Frank 13-6	Job Date February 26, 2014	Call Sheet 1038859
Client Representative Dave Donoho	Location SE SW Sec 6:T5N:R67W	Job Type Abandonment Plugs	Rig ECWS 19

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	---	--	--	--	--	--	0.0	250.0

Products

Plug 1

From Depth (ft):
To Depth (ft):
Plug Type : N/A
Acids/Blends/Fluids :
Tail: 65 Sacks of 0-1-0 G, Density = 15.6 lb/gal, Volume Pumped = 13.3 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Feb 24, 2014 16:08

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	201173	PICKUP	1 Ton	02/26/2014 12:20	02/26/2014 16:00
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	02/26/2014 12:20	02/26/2014 16:00
746502	BODY JOB	Baby Bulker				02/26/2014 12:20	02/26/2014 16:00
201209	PICKUP	3/4 Ton				02/26/2014 12:20	02/26/2014 16:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Price, Ryan	02/26/2014 12:20	02/26/2014 16:00		
Feigenbaum, Andrew	02/26/2014 12:20	02/26/2014 16:00		
Paiu, Vladislav	02/26/2014 12:20	02/26/2014 16:00		
Paiu, Corneliu	02/26/2014 12:20	02/26/2014 16:00		
Graves, Douglas	02/26/2014 12:20	02/26/2014 16:00		



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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 26,2014 12:20	Arrive On Location	---	--	--	--	--	0.00
2	Feb 26,2014 12:25	Tailgate Meeting	---	--	--	--	--	0.00
3	Feb 26,2014 12:30	Rig In	---	--	--	--	--	0.00
4	Feb 26,2014 01:20	Safety Meeting	---	--	--	--	--	0.00
5	Feb 26,2014 01:30	Sign-off on Safety	---	--	--	--	--	0.00
6	Feb 26,2014 01:40	Pump	Water	--	--	--	--	0.00
Remarks: filled lines for pressure test								
7	Feb 26,2014 01:41	Pressure Test	---	--	2,000.0	--	--	0.00
8	Feb 26,2014 01:43	Establish Circulation	Water	1.00	50.0	--	7.00	0.00
9	Feb 26,2014 01:53	Mix Cement	---	1.50	100.0	--	13.50	0.00
10	Feb 26,2014 02:10	Drop Plug	---	--	--	--	--	0.00
11	Feb 26,2014 02:13	Pump Displacement	Water	1.00	100.0	--	2.30	0.00
12	Feb 26,2014 02:16	Stop	---	--	--	--	--	0.00
13	Feb 26,2014 02:35	Wash	---	--	--	--	--	0.00
14	Feb 26,2014 03:15	Rig Out	---	--	--	--	--	0.00
15	Feb 26,2014 03:45	Job Complete	---	--	--	--	--	0.00
16	Feb 26,2014 03:50	Pre-Departure Meeting	---	--	--	--	--	0.00
17	Feb 26,2014 04:00	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

Comments To Service Report

Job went great and customer rep was happy



**Pumping
Service Report**

9190928

Client Name Anadarko Petroleum Corporation	Well Name Frank 13-6	Job Date February 25, 2014	Call Sheet 1038723
Client Representative Dave Donoho	Location SE SW Sec 6:T5N:R67W	Job Type Abandonment Plugs	Rig ECWS 19

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	11.600	--	--	--	--	--	--	--	--

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	1,100.000

Products

Plug 1

From Depth (ft): 700

To Depth (ft): 1100

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 30 Sacks of 0-1-0 G, Density = 15.6 lb/gal, Volume Pumped = 7.8 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 25 , Slurry Temperature(°F) = 60

Fluid & Cement Data

Expected Cement Top: Depth (ft): 700

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Feb 24, 2014 16:08



**Pumping
Service Report**

9190928

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>
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	02/25/2014 08:00	02/25/2014 10:15
746502	BODY JOB	Baby Bulker				02/25/2014 08:00	02/25/2014 10:15
449087	TRAILER	Utility Trailer	201173	PICKUP	1 Ton	02/25/2014 08:00	02/25/2014 10:15

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Klosterman, Austin	02/25/2014 08:00	02/25/2014 10:15		
Hansen, Kevin	02/25/2014 08:00	02/25/2014 10:15		
Haase, Jon	02/25/2014 08:00	02/25/2014 10:15		
Barden, Sean	02/25/2014 08:00	02/25/2014 10:15		
Douglass, Brian	02/25/2014 08:00	02/25/2014 10:15		

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 25, 2014 08:00	Arrive On Location	---	--	--	--	--	0.00
2	Feb 25, 2014 08:05	Tailgate Meeting	---	--	--	--	--	0.00
3	Feb 25, 2014 08:10	Rig In	---	--	--	--	--	0.00
4	Feb 25, 2014 08:45	Safety Meeting	---	--	--	--	--	0.00
5	Feb 25, 2014 08:55	Sign-off on Safety	---	--	--	--	--	0.00
6	Feb 25, 2014 08:59	Establish Circulation	Water	2.00	400.0	--	2.00	2.00
		Remarks: fill lines						
7	Feb 25, 2014 09:01	Pressure Test	---	--	2,000.0	--	--	2.00
8	Feb 25, 2014 09:03	Establish Circulation	Water	2.00	200.0	--	4.00	6.00
9	Feb 25, 2014 09:07	Mix Cement	0-1-0 G	2.00	50.0	--	6.20	12.20
10	Feb 25, 2014 09:12	Pump Displacement	Water	2.00	50.0	--	2.50	14.70
11	Feb 25, 2014 09:14	Stop	---	--	--	--	--	14.70
12	Feb 25, 2014 09:16	Rig Out	---	--	--	--	--	14.70
13	Feb 25, 2014 09:55	Job Complete	---	--	--	--	--	14.70
14	Feb 25, 2014 10:05	Pre-Departure Meeting	---	--	--	--	--	14.70
15	Feb 25, 2014 10:10	Leave Location	---	--	--	--	--	14.70

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

44350

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

Canada • USA • International

Print Date: February 25, 2014

Service Report: 9190928

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V3.9.0.0



**Pumping
Service Report**

9187567

Client Name Anadarko Petroleum Corporation	Well Name Frank 13-6	Job Date February 24, 2014	Call Sheet 1038693
Client Representative Dave Donoho	Location SE SW Sec 6:T5N:R67W	Job Type Abandonment Plugs	Rig ECWS 19

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	73.05	4.000	5.000	0.0	4,700.0

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	18.170	1.995	2.910	0.000	4,700.000

Products

Plug 1

From Depth (ft): 4700

To Depth (ft): 4100

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 45 Sacks of 0-1-0 G, Density = 15.6 lb/gal, Volume Pumped = 9.2 (bbl)

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

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Oct 08, 2013 08:25



**Pumping
Service Report**
9187567

Units & Personnel

Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449087	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	02/24/2014 09:30	02/24/2014 12:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	02/24/2014 09:30	02/24/2014 12:00
746502	BODY JOB	Baby Bulker				02/24/2014 09:30	02/24/2014 12:00
Crew and Bonuses							
Employee	Start Shift	End Shift			Second Start Shift	Second End Shift	
Andrew, Hall	02/24/2014 09:30	02/24/2014 12:00					
Hansen, Kevin	02/24/2014 09:30	02/24/2014 12:00					
Klosterman, Austin	02/24/2014 09:30	02/24/2014 12:00					
Phillips, James	02/24/2014 09:30	02/24/2014 12:00					
Coronado, Sebastian	02/24/2014 09:30	02/24/2014 12:00					

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 24, 2014 09:30	Arrive On Location	---	--	--	--	--	0.00
2	Feb 24, 2014 09:40	Tailgate Meeting	---	--	--	--	--	0.00
3	Feb 24, 2014 09:50	Rig In	---	--	--	--	--	0.00
4	Feb 24, 2014 10:15	Safety Meeting	---	--	--	--	--	0.00
5	Feb 24, 2014 10:25	Sign-off on Safety	---	--	--	--	--	0.00
6	Feb 24, 2014 10:30	Pressure Test	Water	0.50	3,000.0	--	1.00	1.00
7	Feb 24, 2014 10:33	Establish Circulation	Water	2.00	50.0	--	2.00	3.00
8	Feb 24, 2014 10:41	Pump	0-1-0 G	2.00	50.0	--	9.20	12.20
9	Feb 24, 2014 10:46	Displace Fluid	Water	2.00	50.0	--	15.50	27.70
10	Feb 24, 2014 10:55	Wash	Water	1.50	20.0	--	20.00	47.70
11	Feb 24, 2014 11:20	Rig Out	---	--	--	--	--	47.70
12	Feb 24, 2014 11:40	Job Complete	---	--	--	--	--	47.70
13	Feb 24, 2014 11:45	Pre-Departure Meeting	---	--	--	--	--	47.70
14	Feb 24, 2014 12:00	Leave Location	---	--	--	--	--	47.70

Did Float Hold: Not Applicable
Fluid Returns : No
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
44347



**Pumping
Service Report**

9185836

Client Name Anadarko Petroleum Corporation	Well Name Frank 13-6	Job Date February 22, 2014	Call Sheet 1038547
Client Representative Dave Donoho	Location SE SW Sec 6:T5N:R67W	Job Type Abandonment Plugs	Rig ECWS 19

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	11.600	J-55	4,960.0	5,350.0	123.48	4.000	5.000	0.0	7,945.0

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	4.700	J-55	8,100.000	30.700	1.995	2.910	0.000	7,940.000

Products

Plug 1

From Depth (ft): 7945

To Depth (ft): 6597

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 70 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 18.8 (bbl)

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

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (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	--	--	Oct 08, 2013 08:25



**Pumping
Service Report**

9185836

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	201191	PICKUP	1 Ton	02/22/2014 09:30	02/22/2014 12:50
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	02/22/2014 09:30	02/22/2014 12:50
746508	BODY JOB	Baby Bulker				02/22/2014 09:30	02/22/2014 12:50

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	02/22/2014 09:30	02/22/2014 12:55		
Johnson, Quintin	02/22/2014 09:30	02/22/2014 12:55		
Cox, Brandon	02/22/2014 09:30	02/22/2014 12:55		
Feigenbaum, Andrew	02/22/2014 09:30	02/22/2014 12:55		
Doran, Benjamin	02/22/2014 09:30	02/22/2014 12:55		

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 22,2014 09:30	Arrive On Location	---	--	--	--	--	0.00
2	Feb 22,2014 09:35	Tailgate Meeting	---	--	--	--	--	0.00
3	Feb 22,2014 09:45	Rig In	---	--	--	--	--	0.00
4	Feb 22,2014 10:30	Safety Meeting	---	--	--	--	--	0.00
5	Feb 22,2014 10:45	Sign-off on Safety	---	--	--	--	--	0.00
6	Feb 22,2014 10:53	Pressure Test	Water	--	3,000.0	--	--	0.00
7	Feb 22,2014 11:05	Establish Circulation	Water	2.00	100.0	--	5.00	5.00
8	Feb 22,2014 11:10	Mix Cement	Thermal 35	2.00	50.0	--	18.80	23.80
9	Feb 22,2014 11:20	Displace Fluid	Water	2.00	50.0	--	25.50	49.30
10	Feb 22,2014 11:30	Stop	---	--	--	--	--	49.30
11	Feb 22,2014 11:35	Wash	Water	1.50	150.0	--	20.00	49.30
12	Feb 22,2014 12:10	Rig Out	---	--	--	--	--	49.30
13	Feb 22,2014 12:30	Pre-Departure Meeting	---	--	--	--	--	49.30
14	Feb 22,2014 12:40	Job Complete	---	--	--	--	--	49.30
15	Feb 22,2014 12:50	Leave Location	---	--	--	--	--	49.30

Did Float Hold: Yes
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

44343