



**Pumping
Service Report**

9191931

Client Name Anadarko Petroleum Corporation	Well Name Bell 12 - 13	Rig Key 104	Job Date June 26, 2014	Call Sheet 1043421
Client Representative Traux Deal	Surface Well Location SW SW Sec 12:T3N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	

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)
11.500	20.000	0.000	5,230.000	--	--

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.875	6.500	J-55	7,680.000	30.270	2.441	3.668	0.000	5,230.000

Products

Plug 1

From Depth (ft): 4147

To Depth (ft): 5230

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 680 Sacks of 0-1-0 G, Density = 15.6 lb/gal, Volume Pumped = 139.27 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70
+ 0.5 % of CFR-2 (Preblend),
+ 0.25 % 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	--	--	May 01, 2014 16:45



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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>
201173	PICKUP	1 Ton				06/26/2014 07:32	06/26/2014 12:30
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	06/26/2014 07:32	06/26/2014 12:30
746506	BODY JOB	Baby Bulker				06/26/2014 07:32	06/26/2014 12:30
446084	TRAILER	Bulker	746084	TRACTOR	Tandem - Tractor	06/26/2014 07:32	06/26/2014 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>
Hall, Andrew J	06/26/2014 07:00	06/26/2014 12:30		
Feigenbaum, Andrew	06/26/2014 07:00	06/26/2014 12:30		
Melgarejo Herrera, Eduardo	06/26/2014 07:00	06/26/2014 12:30		
Peterson, Ryan	06/26/2014 07:00	06/26/2014 12:30		

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	Jun 26,2014 07:30	Arrive On Location	---	--	--	--	--	0.00
2	Jun 26,2014 07:45	Tailgate Meeting	---	--	--	--	--	0.00
3	Jun 26,2014 08:00	Rig In	---	--	--	--	--	0.00
4	Jun 26,2014 08:30	Safety Meeting	---	--	--	--	--	0.00
5	Jun 26,2014 08:40	Sign-off on Safety	---	--	--	--	--	0.00
6	Jun 26,2014 08:45	Pressure Test	Water	1.00	3,000.0	--	3.00	3.00
7	Jun 26,2014 08:47	Pump	Water	3.00	500.0	--	20.00	23.00
		Remarks: SMS						
8	Jun 26,2014 10:00	Pump	0-1-0 G	3.00	150.0	--	139.27	162.27
9	Jun 26,2014 10:50	Displace Fluid	Water	3.00	300.0	--	24.00	186.27
		Remarks: Mud						
10	Jun 26,2014 11:00	Wash	Water	1.50	22.0	--	20.00	206.27
11	Jun 26,2014 12:00	Rig Out	---	--	--	--	--	206.27
12	Jun 26,2014 12:15	Job Complete	---	--	--	--	--	206.27
13	Jun 26,2014 12:30	Pre-Departure Meeting	---	--	--	--	--	206.27
14	Jun 26,2014 12:45	Leave Location	---	--	--	--	--	206.27

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



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Treatment Reports & Remarks

Material Transfer Sheet Number

Material Transfer Sheet Number

46595

46598

Comments To Service Report

We pressure tested to 3000 psi, pumped 20 bbl of SMS, pumped 139.27 bbl of slurry at 15.8, displaced 24 bbl of mud. We had some mis communication with the operator and the bulker that lead to powdering up the mix tank. We got that fixed and finished the job. The company man was happy with the job.



**Pumping
Service Report**

9191921

Client Name Anadarko Petroleum Corporation	Well Name Bell L 12 - 13	Rig Key 104	Job Date June 27, 2014	Call Sheet 1043454
Client Representative Traux Deal	Surface Well Location SW SW Sec 12:T3N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	

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	--	0.000	--	--	--

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	37.89	8.097	9.625	0.0	595.0

Products

Plug 1

From Depth (ft): 1354

To Depth (ft): 75

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 650 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 154 (bbl)

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

- + 0.25 lb/sack of Polyflake (Preblend),
- + 0.5 % of CaCl₂ (Preblend),
- + 0.3 % of CFR-2 (Preblend),
- + 0.3 % of CFL-3 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 75

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	May 01, 2014 16:45



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Units & Personnel

Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201274	PICKUP	3/4 Ton				06/27/2014 07:00	06/27/2014 11:15
445020	TRAILER	Twin Pumper	745020	TRACTOR	Tandem - Tractor	06/27/2014 07:00	06/27/2014 11:15
746508	BODY JOB	Baby Bulker				06/27/2014 07:00	06/27/2014 11:15
446152	TRAILER	Bulker	746152	TRACTOR	Tandem - Tractor	06/27/2014 07:00	06/27/2014 11:15

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Maguire, Matthew	06/27/2014 07:30	06/27/2014 11:15		
Johnson, Quintin	06/27/2014 07:30	06/27/2014 11:15		
Hansen, Kevin	06/27/2014 07:30	06/27/2014 11:15		
Hall, Austin	06/27/2014 07:30	06/27/2014 11:15		
Paiu, Vladislav	06/27/2014 07:30	06/27/2014 11:15		

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 27, 2014 07:00	Arrive On Location	---	--	--	--	--	0.00
2	Jun 27, 2014 07:05	Tailgate Meeting	---	--	--	--	--	0.00
3	Jun 27, 2014 07:15	Rig In	---	--	--	--	--	0.00
4	Jun 27, 2014 07:55	Safety Meeting	---	--	--	--	--	0.00
5	Jun 27, 2014 08:05	Sign-off on Safety	---	--	--	--	--	0.00
6	Jun 27, 2014 08:07	Start - Fluid	Water	1.00	0.0	--	1.00	1.00
		Remarks: Filled lines						
7	Jun 27, 2014 08:24	Pressure Test Lines	---	--	2,000.0	--	--	1.00
		Remarks: All lines held pressure.						
8	Jun 27, 2014 08:26	Establish Circulation	Water	2.00	100.0	--	15.50	16.50
		Remarks: We had circulation.						
9	Jun 27, 2014 08:34	Mix Cement	0:1:0 Type III	4.00	350.0	--	154.00	170.50
10	Jun 27, 2014 09:56	Displace Fluid	Water	1.00	780.0	--	1.50	172.00
11	Jun 27, 2014 09:57	Stop	---	--	--	--	--	172.00
12	Jun 27, 2014 10:15	Wash	Water	1.50	100.0	--	20.00	172.00
13	Jun 27, 2014 11:00	Rig Out	---	--	--	--	--	172.00
14	Jun 27, 2014 11:10	Pre-Departure Meeting	---	--	--	--	--	172.00
15	Jun 27, 2014 11:15	Job Complete	---	--	--	--	--	172.00
16	Jun 27, 2014 11:20	Leave Location	---	--	--	--	--	172.00