



**Pumping
Service Report**

9189459

Client Name Anadarko Petroleum Corporation	Well Name Zadel 33 - 34	Rig Concord Well Servicing 6	Job Date August 07, 2014	Call Sheet 1045199
Client Representative Derrick Powell	Surface Well Location SW SW Sec 34:T4N:R67W	Down Hole Well Location	Job Type Cement Misc.	

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	--	796.000	1,500.000	--	--

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)
4.500	11.600	J-55	4,960.0	5,350.0	23.31	4.000	5.000	0.0	1,500.0
8.625	24.000	J-55	1,370.0	2,950.0	50.69	8.097	9.625	0.0	796.0

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	4.700	J-55	8,100.000	5.800	1.995	2.910	0.000	1,500.000

Products

Plug 1

From Depth (ft): 0
To Depth (ft): 1500
Plug Type : Abandonment
Acids/Blends/Fluids :

Tail: 240 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 56.84 (bbl)
Water Temperature(°F) = 65 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 90
+ 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: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jul 16, 2014 19:05



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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>
200868	PICKUP	3/4 Ton				08/07/2014 07:15	08/07/2014 12:55
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	08/07/2014 07:15	08/07/2014 12:55
446075	TRAILER	Bulker	746075	TRACTOR	Tandem - Tractor	08/07/2014 07:15	08/07/2014 12:55
200918	PICKUP	3/4 Ton				08/07/2014 07:15	08/07/2014 12:55

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Contreras, Bennie	08/07/2014 07:15	08/07/2014 12:55		
Paiu, Corneliu	08/07/2014 07:15	08/07/2014 12:55		
Cox, Brandon	08/07/2014 07:15	08/07/2014 12:55		
Bailey, Steven	08/07/2014 07:15	08/07/2014 12:55		
Schroeder, Stephen	08/07/2014 07:15	08/07/2014 12:55		
Spirek, Matthew	08/07/2014 07:15	08/07/2014 12:55		

Treatment Reports & Remarks



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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	Aug 07, 2014 07:15	Arrive On Location Remarks: Arrived.		--	--	--	--	0.00
2	Aug 07, 2014 07:30	Tailgate Meeting Remarks: Talked about spotting trucks and rig in.		--	--	--	--	0.00
3	Aug 07, 2014 08:00	Rig In Remarks: Rigged water and cement hoses to pump and pump to well head.		--	--	--	--	0.00
4	Aug 07, 2014 09:40	Safety Meeting Remarks: Muster, location safety equipt., nearest med., job scope.		--	--	--	--	0.00
5	Aug 07, 2014 10:10	Sign-off on Safety Remarks: Sign all JSAs.		--	--	--	--	0.00
6	Aug 07, 2014 10:20	Pressure Test Remarks: Pressure test 3000 psi..	Water	--	3,000.0	--	--	0.00
7	Aug 07, 2014 10:22	Establish Circulation Remarks: Establish circ..	Water	2.00	500.0	--	5.00	5.00
8	Aug 07, 2014 10:24	Pump Remarks: Pump 20 BBLs of SMS.	Water	3.00	700.0	--	20.00	25.00
9	Aug 07, 2014 10:31	Pump Spacer Remarks: Pump 5 BBL water spacer.	Water	3.00	700.0	--	5.00	30.00
10	Aug 07, 2014 10:35	Mix Cement Remarks: Mix and pump 57 BBLs of slurry @ 14.8 lb/gal.	0:1:0 Type III	1.50	500.0	--	57.00	87.00
11	Aug 07, 2014 11:41	Displace Fluid Remarks: Pump 1 BBL of displacement.	Water	1.50	1,000.0	--	1.00	88.00
12	Aug 07, 2014 11:42	Stop Remarks: Stop and rig off well head.		--	0.0	--	--	88.00
13	Aug 07, 2014 11:45	Wash Remarks: Wash mix system and runbacks on triplexes.	Water	2.00	170.0	--	20.00	108.00
14	Aug 07, 2014 12:30	Rig Out Remarks: Rig down iron.		--	--	--	--	108.00
15	Aug 07, 2014 12:45	Job Complete Remarks: Job complete.		--	--	--	--	108.00
16	Aug 07, 2014 12:46	Pre-Departure Meeting Remarks: Journey management.		--	--	--	--	108.00
17	Aug 07, 2014 12:55	Leave Location Remarks: Leave.		--	--	--	--	108.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 1

Temperature (°F) : 95

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

9853