



**Pumping
Service Report**

9188765

Client Name Anadarko Petroleum Corporation	Well Name Weld 21-12	Rig BWS 20	Job Date September 29, 2014	Call Sheet 1047875
Client Representative Socorro Olivas	Surface Well Location NW NE Sec 2:T2N:R68W	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)
	10.000	--	725.000	790.000	--	--

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	J-55	1,370.0	2,950.0	45.85	8.097	9.625	0.0	720.0

Tubing	Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
	(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
	1.660	2.400	J-55	8,490.000	1.420	1.380	2.200	0.000	766.000

Products

Plug 1

From Depth (ft): 790

To Depth (ft): 566

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 210 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 49.7 (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),
+ 0.4 % of CDF-4P (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



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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				09/29/2014 12:40	09/29/2014 15:30
740067	BODY JOB	C & A				09/29/2014 12:40	09/29/2014 15:30
746508	BODY JOB	Baby Bulker				09/29/2014 12:40	09/29/2014 15:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Johnson, Quintin	09/29/2014 12:40	09/29/2014 15:30		
Cheal, Samuel	09/29/2014 12:40	09/29/2014 15:30		
Davila, Israel	09/29/2014 12:40	09/29/2014 15:30		
Barden, Sean	09/29/2014 12:40	09/29/2014 15:30		

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	Sep 29,2014 12:40	Arrive On Location	---	--	--	--	--	0.00
		Remarks: arrived on time						
2	Sep 29,2014 12:50	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: talked about spotting trucks and rigging in						
3	Sep 29,2014 13:00	Rig In	---	--	--	--	--	0.00
		Remarks: rigged into the well, our bulk truck and 3rd party water						
4	Sep 29,2014 13:20	Sign-off on Safety	---	--	--	--	--	0.00
		Remarks: signed their and our JSA						
5	Sep 29,2014 13:21	Safety Meeting	---	--	--	--	--	0.00
		Remarks: talked about the job scope and safety concerns						
6	Sep 29,2014 13:39	Start - Fluid	Water	1.00	100.0	--	0.50	0.50
		Remarks: filled lines for pressure testing						
7	Sep 29,2014 13:42	Pressure Test	Water	0.00	3,000.0	--	0.00	0.50
		Remarks: pressure lines and they held good						
8	Sep 29,2014 13:45	Establish Circulation	Water	2.00	600.0	--	3.00	3.50
		Remarks: got good circulation						
9	Sep 29,2014 13:55	Mix Cement	0:1:0 Type III	2.00	60.0	--	49.70	53.20
		Remarks: mixed slurry at 14.6 to 14.8						
10	Sep 29,2014 14:40	Pump Displacement	Water	2.00	60.0	--	1.50	54.70
		Remarks: cleared lines out						
11	Sep 29,2014 14:45	Stop	Water	--	--	--	--	54.70
		Remarks: rigged off after clearing pressure						
12	Sep 29,2014 14:50	Wash	---	2.00	100.0	--	15.00	69.70
		Remarks: washed mix and did run backs						
13	Sep 29,2014 15:20	Rig Out	---	--	--	--	--	69.70
		Remarks: rig our iron out						
14	Sep 29,2014 15:30	Pre-Departure Meeting	---	--	--	--	--	69.70
		Remarks: journey mangement						
15	Sep 29,2014 15:40	Job Complete	---	--	--	--	--	69.70
		Remarks: job done do a completer walk around and check pins						
16	Sep 29,2014 15:50	Leave Location	---	--	--	--	--	69.70
		Remarks: go back to Sanjel yard						

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

9487