



Pumping Service Report

9189327

Client Name Anadarko Petroleum Corporation	Well Name Morning 39 - 10	Rig	Job Date August 12, 2014	Call Sheet 1045457
Client Representative Matt Agee	Surface Well Location SE NE Sec 10: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)
8.500	--	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	39.80	8.097	9.625	0.0	625.0
4.500	11.600	J-55	4,960.0	5,350.0	24.56	4.000	5.000	0.0	1,580.0

Products

Plug 1

From Depth (ft): 1580

To Depth (ft): 625

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 250 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 59.2 (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): 625

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 04, 2014 16:35

Attachment & Tools

Tubular Plugs

Tubular Plug Type	Size (in)	Supplier
Rubber Top	4.500	Sanjel



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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>
449086	TRAILER	Utility Trailer	201173	PICKUP	1 Ton	08/12/2014 10:00	08/12/2014 14:30
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	08/12/2014 10:00	08/12/2014 14:30
446145	TRAILER	Bulker	746145	TRACTOR	Tandem - Tractor	08/12/2014 10:00	08/12/2014 14:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew	08/12/2014 10:00	08/12/2014 14:30		
Hansen, Kevin	08/12/2014 10:00	08/12/2014 14:30		
Bark, Eric	08/12/2014 10:00	08/12/2014 14:30		
Smock, Curtis	08/12/2014 10:00	08/12/2014 14:30		

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 12, 2014 10:30	Arrive On Location	---	--	--	--	--	0.00
2	Aug 12, 2014 10:40	Tailgate Meeting	---	--	--	--	--	0.00
3	Aug 12, 2014 11:15	Rig In	---	--	--	--	--	0.00
4	Aug 12, 2014 12:00	Safety Meeting	---	--	--	--	--	0.00
5	Aug 12, 2014 12:05	Sign-off on Safety	---	--	--	--	--	0.00
6	Aug 12, 2014 12:07	Start - Fluid	Water	1.50	123.0	--	1.00	1.00
		Remarks: Filled lines w/ water.						
7	Aug 12, 2014 12:08	Pressure Test Lines	---	--	2,000.0	--	--	1.00
		Remarks: All lines held pressure.						
8	Aug 12, 2014 12:09	Establish Circulation	Water	6.00	245.0	--	60.00	61.00
		Remarks: We had circulation.						
9	Aug 12, 2014 12:20	Pump Preflush	---	6.00	254.0	--	20.00	81.00
		Remarks: Water + SMS.						
10	Aug 12, 2014 12:23	Pump Spacer	Water	3.00	193.0	--	5.00	86.00
11	Aug 12, 2014 12:30	Mix Cement	0:1:0 Type III	3.00	140.0	--	59.20	145.20
12	Aug 12, 2014 12:51	Stop	---	--	--	--	--	145.20
13	Aug 12, 2014 12:52	Drop Plug	---	--	--	--	--	145.20
14	Aug 12, 2014 12:53	Displace Fluid	Water	3.00	500.0	--	22.60	167.80
		Remarks: Pumped 1 bbl slurry & 21.6 bbls water per Mr. Matt Agee.						
15	Aug 12, 2014 13:00	Stop	---	--	--	--	--	167.80
16	Aug 12, 2014 13:05	Hold Pressure	---	--	516.0	--	--	167.80
		Remarks: Had 550psi, held for 3 minutes, had 516psi when we bled off pressure.						
17	Aug 12, 2014 13:06	Stop	---	--	--	--	--	167.80
18	Aug 12, 2014 13:15	Wash	Water	150.00	100.0	--	20.00	167.80
19	Aug 12, 2014 13:45	Rig Out	---	--	--	--	--	167.80
20	Aug 12, 2014 14:05	Job Complete	---	--	--	--	--	167.80
21	Aug 12, 2014 14:10	Pre-Departure Meeting	---	--	--	--	--	167.80
22	Aug 12, 2014 14:15	Leave Location	---	--	--	--	--	167.80

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

9523