



**Pumping
Service Report**

9190880

Client Name Anadarko Petroleum Corporation	Well Name Fehr 2-28	Job Date March 27, 2014	Call Sheet 1040537
Client Representative Mr Fausto	Location SE NW Sec 28:T2N:R66W	Job Type Miscellaneous Pumping	Rig Basic 1534

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 (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)
5.500	15.500	J-55	4,040.0	4,810.0	--	4.950	6.050	--	--

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	15.820	1.995	2.910	0.000	4,093.000

Products

Plug 1

From Depth (ft): 4093

To Depth (ft): 3837

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 50 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 10.2 (bbl)

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

+ 1 % of CaCl₂

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Mar 14, 2014 08:04



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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>
200866	PICKUP	3/4 Ton				03/27/2014 07:00	03/27/2014 11:00
740004	BODY JOB	C & A				03/27/2014 07:00	03/27/2014 11:00
746502	BODY JOB	Baby Bulker				03/27/2014 07:00	03/27/2014 11:00

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	03/27/2014 07:00	03/27/2014 11:00		
Pedersen, Justin	03/27/2014 07:00	03/27/2014 11:00		
Laeger, Kacey	03/27/2014 07:00	03/27/2014 11:00		
Pigg, Martin	03/27/2014 07:00	03/27/2014 11:00		

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	Mar 27, 2014 07:20	Arrive On Location	---	--	--	--	--	0.00
		Remarks: We arrived early to location.						
2	Mar 27, 2014 07:25	Tailgate Meeting	---	--	--	--	--	0.00
		Remarks: Discussed staging equipment and rig in.						
3	Mar 27, 2014 07:25	Rig In	---	--	--	--	--	0.00
		Remarks: Rriged pump truck into well, bulk truck and water truck.						
4	Mar 27, 2014 08:15	Safety Meeting	---	--	--	--	--	0.00
		Remarks: Discussed job procedures and safety while on location.						
5	Mar 27, 2014 08:25	Sign-off on Safety	---	--	--	--	--	0.00
		Remarks: Signed Sanjel and Anadarko JSA's.						
6	Mar 27, 2014 08:33	Start - Fluid	Water	1.00	100.0	--	1.00	1.00
		Remarks: Filled lines with water.						
7	Mar 27, 2014 08:35	Pressure Test	---	--	2,000.0	--	--	1.00
		Remarks: Pressure tested all iron and hoses. All held pressure.						
8	Mar 27, 2014 08:37	Establish Circulation	Water	2.00	220.0	--	2.00	3.00
		Remarks: Had good circulation.						
9	Mar 27, 2014 08:51	Mix Cement	0-1-0 G	2.00	150.0	--	6.10	9.10
		Remarks: Pumped slurry @ 15.8 density.						
10	Mar 27, 2014 08:55	Displace Fluid	Water	2.00	75.0	--	14.80	23.90
		Remarks: Displaced 14.8 bbls water.						
11	Mar 27, 2014 09:00	Stop	---	--	--	--	--	23.90
		Remarks: Stopped pumping fluid.						
12	Mar 27, 2014 09:03	Wash	Water	1.50	150.0	--	20.00	43.90
		Remarks: Washed up pump truck.						
13	Mar 27, 2014 09:57	Displace Fluid	Water	0.25	1,400.0	--	4.00	47.90
		Remarks: Displaced 4 bbls water to squeeze slurry per company rep.						
14	Mar 27, 2014 10:20	Stop	---	--	--	--	--	47.90
		Remarks: Stopped pumping fluids.						
15	Mar 27, 2014 10:25	Rig Out	---	--	--	--	--	47.90
		Remarks: Rriged pump truck out from well, bulk truck and water truck.						
16	Mar 27, 2014 10:50	Pre-Departure Meeting	---	--	--	--	--	47.90
		Remarks: Discuss leaving location in a safe manner.						
17	Mar 27, 2014 10:55	Job Complete	---	--	--	--	--	47.90
		Remarks: Job is finished.						
18	Mar 27, 2014 11:00	Leave Location	---	--	--	--	--	47.90
		Remarks: Leave location in a safe manner.						



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Treatment Reports & Remarks

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

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37175