



Cementing Service Report

9208023

Client Name Anadarko Petroleum Corporation	Well Name West Farm 5 14	Rig Basic 1662	Job Date November 17,2015	Call Sheet 1062553
Client Representative Mr. Sam Sloan	Surface Well Location SW NW Sec 14:T3N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Johnson, Quintin (23945)

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)
8.000	--	542.000	6,770.000	--	--

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	105.22	4.000	5.000	0.0	6,770.0

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	25.430	1.995	2.910	0.000	6,578.000

Products

Plug 1

From Depth (ft): 6578

To Depth (ft): 6770

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 100 Sacks of 1-1-0 G, Density = 13.5 lb/gal, Volume Pumped = 29.6 (bbl)

Water Temperature(°F) = 65 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 65

+ 3 % of Gel (Preblend),

+ 25 % of Silica Flour (Preblend),

+ 0.4 % of CFL-3 (Preblend),

+ 0.4 % of CFR-2 (Preblend),

+ 0.1 % of SMS (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jun 07, 2015 22:11



9208023

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				11/17/2015 09:00	11/17/2015 13:30
740067	BODY JOB	C & A				11/17/2015 09:00	11/17/2015 13:30
746502	BODY JOB	Baby Bulker				11/17/2015 09:00	11/17/2015 13:30

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 (23945)	11/17/2015 09:00	11/17/2015 13:30		
Johnson, Jakob (30073)	11/17/2015 09:00	11/17/2015 13:30		
Peterson, Ryan (28158)	11/17/2015 09:00	11/17/2015 13:30		

Treatment Reports & Remarks

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	Nov 17,2015 09:00	Arrive On Location		--	--	--	--	0.00	
		Remarks: Arrived on time							
2	Nov 17,2015 09:10	Tailgate Meeting		--	--	--	--	0.00	
		Remarks: Talked about spotting trucks							
3	Nov 17,2015 10:00	Crew Briefing (Rig in)		--	--	--	--	0.00	
		Remarks: talked about site hazards and how to mitigate them							
4	Nov 17,2015 10:10	Rig In		--	--	--	--	0.00	
		Remarks: rigged in our trucks							
5	Nov 17,2015 11:50	Rig in Complete		--	--	--	--	0.00	
		Remarks: gather for safety meeting							
6	Nov 17,2015 11:55	Crew Briefing (Pre Job)		--	--	--	--	0.00	
		Remarks: talked about the job scope and safety concerns							
7	Nov 17,2015 12:17	Pressure Test Start	Water	1.00	450.0	--	0.50	0.50	
		Remarks: filled our lines for pressure testing							
8	Nov 17,2015 12:19	Pressure Test	Water	0.00	3,000.0	--	0.00	0.50	
		Remarks: pressured lines and they held good							
9	Nov 17,2015 12:20	Pressure Test Complete		--	--	--	--	0.50	
		Remarks: opened up to pump job							
10	Nov 17,2015 12:22	Establish Circulation	Water	2.50	1,200.0	--	4.00	4.50	
		Remarks: establish our rate							
11	Nov 17,2015 12:24	Mix Cement	1-1-0 G	2.50	1,200.0	--	29.60	34.10	
		Remarks: mixed slurry at 13.5							
12	Nov 17,2015 12:35	Pump Displacement	Water	2.50	1,200.0	--	24.00	58.10	
		Remarks: displaced tubing clear leaving 1.5 bbls on top of retainer.							
13	Nov 17,2015 12:47	Stop		--	--	--	--	58.10	
		Remarks: stopped rigged of for wash up							
14	Nov 17,2015 12:55	Wash	Water	2.00	150.0	--	15.00	73.10	
		Remarks: washed mix side and did run backs							
15	Nov 17,2015 13:12	Rig Out		--	--	--	--	73.10	
		Remarks: rigged out our trucks and 3rd party water							
16	Nov 17,2015 13:20	Job Complete		--	--	--	--	73.10	
		Remarks: do complete walk around and check pins and backs of trucks							
17	Nov 17,2015 13:30	Leave Location		--	--	--	--	73.10	
		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							