



**Pumping
Service Report**

9200661

Client Name Anadarko Petroleum Corporation	Well Name UPRR 62 Pan Am K #1	Rig ECWS 9	Job Date November 12,2014	Call Sheet 1050311
Client Representative Mr. Chris Row	Surface Well Location NW NE Sec 15:T2N:R65W	Down Hole Well Location	Job Type Cement Misc.	

Well Profile				
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)	
4.500	11.600	J-55	4,960.0	5,350.0	103.67	4.000	5.000	0.0	6,670.0	

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	25.790	1.995	2.910	0.000	6,670.000		

Products	
Stage 1	
From Depth (ft):	5975.98
To Depth (ft):	6670
Acids/Blends/Fluids :	
Plug: 40 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 10.75 (bbl)	
Water Temperature(°F) = 40 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 60	
+ 0.5 % of CFR-2 (Preblend),	
+ 0.25 % of FMC (Preblend)	

Fluid & Cement Data					
Expected Cement Top:	--				
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Nov 04, 2014 18:57



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Units & Personnel

Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201017	PICKUP	1 Ton				11/12/2014 15:00	11/12/2014 18:45
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	11/12/2014 15:00	11/12/2014 18:45
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	11/12/2014 15:00	11/12/2014 18:45

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hall, Andrew J	11/12/2014 15:00	11/12/2014 18:45		
Leue, David	11/12/2014 15:00	11/12/2014 18:45		
Phillips, James	11/12/2014 15:00	11/12/2014 18:45		
Daniel, David Darnell				

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 12,2014 15:00	Arrive On Location		--	--	--	--	0.00	
2	Nov 12,2014 15:10	Tailgate Meeting		--	--	--	--	0.00	
3	Nov 12,2014 15:20	STEACS Briefing		--	--	--	--	0.00	
4	Nov 12,2014 15:40	Rig In		--	--	--	--	0.00	
5	Nov 12,2014 16:10	Safety Meeting		--	--	--	--	0.00	
6	Nov 12,2014 16:30	Sign-off on Safety		--	--	--	--	0.00	
7	Nov 12,2014 16:45	Pressure Test	Water	2.00	2,000.0	--	5.00	5.00	
8	Nov 12,2014 16:55	Pump	Thermal 35	2.50	25.0	--	10.75	15.75	
9	Nov 12,2014 17:00	Displace Fluid	Water	2.50	200.0	--	23.12	38.87	
10	Nov 12,2014 17:20	Wash	Water	1.50	22.0	--	20.00	58.87	
11	Nov 12,2014 17:50	Rig Out		--	--	--	--	58.87	
12	Nov 12,2014 18:20	Job Complete		--	--	--	--	58.87	
13	Nov 12,2014 18:30	Pre-Departure Meeting		--	--	--	--	58.87	
14	Nov 12,2014 18:45	Leave Location		--	--	--	--	58.87	

Did Float Hold: Not Applicable
 Fluid Returns : No
 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
 54967



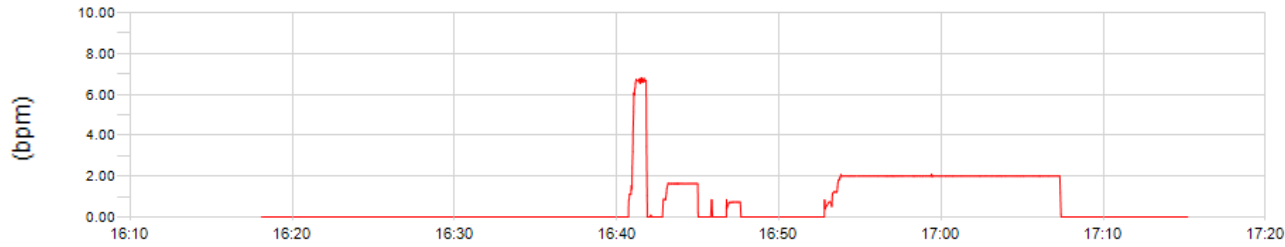
Comments To Service Report

We perssure tested to 2000 psi, pumped 5 bbl of fresh, 10.75 bbl of slurry @ 15.8, displaced 23.12 bbl of fresh. The crew and equipment did a good job.



Client	Anadarko Petroleum	Client Rep	Chris Row	Supervisor	Andy Hall
Ticket No.	9200661	Well Name	UPRR 62 Pan Am K#1	Unit No.	745024
Location	NW NE Sec 15:t2N:R65W	Job Type	Miscellaneous Pumping	Service District	505 Fort Lupton
Comments				Job Date	11/12/2014

Unit 745024 Rate Total



Unit 745024 Pump Pressure



Unit 745024 Density

