



Cementing Service Report

9208028

Client Name Anadarko Petroleum Corporation	Well Name Lulu XX 8-14D	Rig Concord Well Servicing 5	Job Date November 10,2015	Call Sheet 1062365
Client Representative Mr.Rodrigo Vierra	Surface Well Location NW SW Sec 8:T1N:R65W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Spirek, Matthew (26921)

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	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	63.24	8.097	9.625	0.0	993.0	
Tubing										
Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To		
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)		
2.375	4.700	J-55	8,100.000	3.840	1.995	2.910	0.000	993.000		

Products										
Plug 1										
From Depth (ft):		993								
To Depth (ft):		0								
Plug Type :		Abandonment								
Acids/Blends/Fluids :										
Tail:		270 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 63 (bbl)								
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 70										
+ 0.25 lb/sack of LCL-7 (Preblend),										
+ 0.5 % of CaCl ₂ (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:		Surface			
Wellbore Fluid					
<u>Fluid Type</u>	<u>Viscosity (cP)</u>	<u>Density (lbs/gal)</u>	<u>Yield Point (psi)</u>	<u>Temperature (°F)</u>	<u>Recorded@</u>
Water	--	--	--	--	Jun 02, 2015 09:59

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>
201380	PICKUP	1/2 Ton				11/10/2015 09:00	11/10/2015 11:30
740018-1	BODY JOB	C & A				11/10/2015 09:00	11/10/2015 11:30
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	11/10/2015 09:00	11/10/2015 11:30
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>		<u>End Shift</u>			<u>Second Start Shift</u>	<u>Second End Shift</u>
Spirek, Matthew (26921)	11/10/2015 09:00		11/10/2015 11:30				
Davila, Israel (28152)	11/10/2015 09:00		11/10/2015 11:30				
Phillips, James (23627)	11/10/2015 09:00		11/10/2015 11:30				

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	Nov 10,2015 09:00	Arrive On Location		--	--	--	--	0.00
2	Nov 10,2015 09:45	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Nov 10,2015 10:00	Rig in Complete		--	--	--	--	0.00
4	Nov 10,2015 10:05	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Nov 10,2015 10:15	Pressure Test Start	Water	--	2,200.0	--	1.00	1.00
6	Nov 10,2015 10:16	Pressure Test Complete	Water	--	2,150.0	--	--	1.00
7	Nov 10,2015 10:18	Pump	Water	3.00	200.0	--	10.00	11.00
Remarks: 10 bbls fresh ahead to establish circ rate and pressure								
8	Nov 10,2015 10:20	Pump	0:1:0 Type III	3.00	400.0	--	63.00	74.00
Remarks: 14.8 ppg Type III cemented until returns to surface								
9	Nov 10,2015 10:42	Pump Displacement	Water	2.00	200.0	--	2.00	76.00
10	Nov 10,2015 10:55	Rig Out		--	--	--	--	76.00
11	Nov 10,2015 11:25	Job Complete		--	--	--	--	76.00
12	Nov 10,2015 11:30	Leave Location		--	--	--	--	76.00

Did Float Hold: Not Applicable
 Fluid Returns : Yes
 Type : Cement
 Volume (bbl) : 2
 Temperature (°F) : 70
 FDAS Functioning Correctly : Yes
 Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
 63744