



Pumping Service Report

9201550

Client Name Anadarko Petroleum Corporation	Well Name Moser 17-21	Rig Leed 721	Job Date January 16, 2015	Call Sheet 1053559
Client Representative Mr. Jose Cruz	Surface Well Location NW NE Sec 21:T3N:R65W	Down Hole Well Location	Job Type Cement Misc.	Lead Supervisor Douglass, Brian (23898)

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)
9.000	--	--	--	--	--

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)
4.500	11.600		--	--	--	--	--	0.0	1,500.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
1.660	2.300		--	--	--	--	0.000	1,500.000

Products

Plug 1

From Depth (ft): 642

To Depth (ft): 1500

Plug Type : N/A

Acids/Blends/Fluids :

Tail: 245 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 58 (bbl)

Water Temperature(°F) = 40 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 76

+ 0.5 % of CaCl₂ (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend),

+ 0.4 % of CDF-4P (Preblend),

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of CFL-3 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 642

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 08, 2014 14:34



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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
200868	PICKUP	3/4 Ton				01/16/2015 12:00	01/16/2015 16:00
740018-1	BODY JOB	C & A				01/16/2015 12:00	01/16/2015 16:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	01/16/2015 12:00	01/16/2015 16:00
Crew and Bonuses							
Employee	Start Shift	End Shift	Second Start Shift	Second End Shift			
Douglass, Brian (23898)	01/16/2015 12:00	01/16/2015 16:00					
Curtner, Jerry (28310)	01/16/2015 12:00	01/16/2015 16:00					
Hall, Austin (28887)	01/16/2015 12:00	01/16/2015 16:00					

Treatment Reports & Remarks								
Treatment Report								
Event #	Event Time	Event Description	Fluid Type	Rate	Tubular Pressure	Annular Pressure	Stage Volume	Total Volume
				(bbl/min)	(psi)	(psi)	(bbl)	(bbl)
1	Jan 16,2015 12:00	Arrive On Location		--	--	--	--	0.00
2	Jan 16,2015 12:10	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Jan 16,2015 12:45	Rig in Complete		--	--	--	--	0.00
4	Jan 16,2015 13:10	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Jan 16,2015 13:25	Pressure Test Start		--	2,000.0	--	--	0.00
6	Jan 16,2015 13:26	Pressure Test Complete		--	--	--	--	0.00
7	Jan 16,2015 13:28	Pump Preflush	Water	2.00	600.0	--	5.00	0.00
8	Jan 16,2015 13:32	Pump Preflush	Water	2.00	500.0	--	20.00	0.00
	Remarks: with sms							
9	Jan 16,2015 13:43	Pump Preflush	Water	2.00	600.0	--	5.00	0.00
10	Jan 16,2015 13:47	Pump	0:1:0 Type III	2.00	700.0	--	58.00	0.00
11	Jan 16,2015 14:24	Displace Fluid	Water	2.00	100.0	--	1.50	0.00
12	Jan 16,2015 14:30	Rig Out		--	--	--	--	0.00
13	Jan 16,2015 15:45	Job Complete		--	--	--	--	0.00
14	Jan 16,2015 16:00	Leave Location		--	--	--	--	0.00
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								
55139								