



Pumping Service Report

9190144

Client Name Anadarko Petroleum Corporation	Well Name Moser 28-3	Rig Concord Well Servicing 3	Job Date April 23,2015	Call Sheet 1057354
Client Representative Mr. Rigo Cintora	Surface Well Location NE NW Sec 28:T3N:R65W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Johnson, Quintin (23945)



Pumping Service Report

9190144

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)
2.875	6.500		--	--	--	--	--	0.0	7,160.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
1.660	2.330	J-55	8,490.000	13.250	1.380	1.880	0.000	7,160.000

Products

Plug 1

From Depth (ft): 7160

To Depth (ft): 6231.7

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 20 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 5.4 (bbl)

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

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of ASM-3 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 6231

Wellbore Fluid

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

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201025	PICKUP	1 Ton				04/23/2015 12:30	04/23/2015 16:00
740018-1	BODY JOB	C & A				04/23/2015 12:30	04/23/2015 16:00
746506	BODY JOB	Baby Bulker				04/23/2015 12:30	04/23/2015 16:00
200918	PICKUP	3/4 Ton				04/23/2015 12:30	04/23/2015 16:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Johnson, Quintin (23945)	04/23/2015 12:30	04/23/2015 16:00		
Davila, Israel (28152)	04/23/2015 12:30	04/23/2015 16:00		
Crane, Troy (29924)	04/23/2015 12:30	04/23/2015 16:00		
Schroeder, Stephen (25442)	04/23/2015 12:30	04/23/2015 16:00		

Treatment Reports & Remarks

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

Canada • USA • International

Print Date: April 28, 2015
Service Report: 9190144
Page 2 of 4 V4.0.3.0

**Treatment Reports & Remarks****Treatment Report**

<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u> (bbl/min)	<u>Tubular Pressure</u> (psi)	<u>Annular Pressure</u> (psi)	<u>Stage Volume</u> (bbl)	<u>Total Volume</u> (bbl)
1	Apr 23,2015 12:30	Arrive On Location		--	--	--	--	0.00
		Remarks: arrived on time						
2	Apr 23,2015 12:40	Tailgate Meeting		--	--	--	--	0.00
		Remarks: talked about spotting trucks						
3	Apr 23,2015 12:50	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: talked about site hazards and how to mitigate them						
4	Apr 23,2015 13:30	Rig In		--	--	--	--	0.00
		Remarks: rigged in our trucks and 3rd party water						
5	Apr 23,2015 14:00	Rig in Complete		--	--	--	--	0.00
		Remarks: rig in done, gather for safety meeting						
6	Apr 23,2015 14:20	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: talked about the job scope and safety concerns						
7	Apr 23,2015 14:21	Sign-off on Safety		--	--	--	--	0.00
		Remarks: signed their and our jsa						
8	Apr 23,2015 14:45	Pressure Test Start	Water	0.50	150.0	--	0.50	0.50
		Remarks: filled our lines for pressure testing						
9	Apr 23,2015 14:46	Pressure Test	Water	0.00	2,500.0	--	0.00	0.50
		Remarks: pressured up against valve and lines held good						
10	Apr 23,2015 14:47	Pressure Test Complete		--	--	--	--	0.50
		Remarks: opened up to pump job						
11	Apr 23,2015 15:03	Establish Circulation	Water	1.50	1,000.0	--	1.00	1.50
		Remarks: got good circulation						
12	Apr 23,2015 15:04	Mix Cement	Thermal 35	1.50	2,000.0	--	5.40	6.90
		Remarks: mixed slurry at 15.9 (yield at 1.51 and mix water 6.23)						
13	Apr 23,2015 14:58		Thermal 35	--	--	--	--	6.90
		Remarks: weighed slurry with mud scale at 15.9						
14	Apr 23,2015 15:07	Pump Displacement	Water	1.50	1,800.0	--	11.80	18.70
		Remarks: displace the plug to a balance						
15	Apr 23,2015 15:15	Stop		--	--	--	--	18.70
		Remarks: stop and opened up to make sure plug is balanced						
16	Apr 23,2015 15:20	Wash	Water	2.00	150.0	--	15.00	33.70
		Remarks: washed up tanks and did run backs						
17	Apr 23,2015 15:45	Rig Out		--	--	--	--	33.70
		Remarks: rigged out our trucks and 3rd party water						
18	Apr 23,2015 15:52	Job Complete		--	--	--	--	33.70
		Remarks: do complete walk around and check pins						
19	Apr 23,2015 16:00	Leave Location		--	--	--	--	33.70
		Remarks: go Back to Sanjel yard						



Pumping Service Report

9197596

Client Name Anadarko Petroleum Corporation	Well Name Moser 28-3	Rig Concord Well Servicing 3	Job Date April 28, 2015	Call Sheet 1057409
Client Representative Mr. Rigo Cintora	Surface Well Location NE NW Sec 28:T3N:R65W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Klosterman, Austin (27698)

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	--	4,300.000	710.000	--	--

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)
8.625	24.000	--	--	--	--	--	--	0.0	710.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.875	6.500	--	--	--	--	--	0.000	4,300.000

Products

Plug 1

From Depth (ft): 4300

To Depth (ft): 3805

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 190 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 39 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 3805

Wellbore Fluid

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

Attachment & Tools

Tubular Plugs

Tubular Plug Type	Size (in)	Supplier
Rubber Top	2.875	Sanjel

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

Canada • USA • International

Print Date: May 13, 2015

Service Report: 9197596

Page 1 of 3

V4.1.0.0



Pumping Service Report

9197596

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>
201191	PICKUP	1 Ton				04/28/2015 11:30	04/28/2015 14:30
740004	BODY JOB	C & A				04/28/2015 11:30	04/28/2015 14:30
746508	BODY JOB	Baby Bulker				04/28/2015 11:30	04/28/2015 14:30
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>			
Klosterman, Austin (27698)	04/28/2015 11:30	04/28/2015 14:30					
Joyner, Barlen (28603)	04/28/2015 11:30	04/28/2015 14:30					
Curtner, Jerry (28310)	04/28/2015 11:30	04/28/2015 14:30					
Johnson, Jakob (30073)	04/28/2015 11:30	04/28/2015 14:30					
Daylong, Eric (28076)	04/28/2015 11:30	04/28/2015 14:30					



Pumping Service Report

9197596

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	Apr 28,2015 11:30	Arrive On Location		0.00	0.0	0.0	0.00	0.00
2	Apr 28,2015 11:40	Crew Briefing (Rig in)		0.00	0.0	0.0	0.00	0.00
3	Apr 28,2015 12:00	Rig in Complete		0.00	0.0	0.0	0.00	0.00
4	Apr 28,2015 12:10	Crew Briefing (Pre Job)		0.00	0.0	0.0	0.00	0.00
5	Apr 28,2015 12:17	Pressure Test Start		0.00	2,400.0	0.0	0.00	0.00
6	Apr 28,2015 12:18	Pressure Test Complete		0.00	2,400.0	0.0	0.00	0.00
7	Apr 28,2015 12:19	Pump Preflush	Water	2.00	500.0	0.0	5.00	5.00
		Remarks: Fresh.						
8	Apr 28,2015 12:22	Pump Preflush	Water	2.50	380.0	0.0	20.00	25.00
		Remarks: SMS.						
9	Apr 28,2015 12:34	Pump Preflush	Water	2.50	300.0	0.0	5.00	30.00
		Remarks: Fresh.						
10	Apr 28,2015 12:37	Pump	0-1-0 G	2.50	360.0	0.0	39.00	69.00
		Remarks: Mix and pump 190sx @15.8#, Yield 1.15, WR 4.98, MixH20 23, Scaled mix @12:40&12:45-15.8#						
11	Apr 28,2015 12:51	Displace Fluid	Water	2.10	25.0	0.0	22.00	91.00
12	Apr 28,2015 13:30	Rig Out		0.00	0.0	0.0	0.00	91.00
13	Apr 28,2015 14:15	Job Complete		0.00	0.0	0.0	0.00	91.00
14	Apr 28,2015 14:30	Leave Location		0.00	0.0	0.0	0.00	91.00

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

57377

57376



Pumping Service Report

9205952

Client Name Anadarko Petroleum Corporation	Well Name Moser 28-3	Rig Concord Well Servicing 3	Job Date April 29, 2015	Call Sheet 1057468
Client Representative Mr. Rigo Cintora	Surface Well Location NE NW Sec 28:T3N:R65W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Doran, Benjamin (27933)

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	--	710.000	1,330.000	--	--

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)
8.625	24.000		--	--	--	--	--	0.0	710.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.875	6.500	J-55	7,680.000	7.700	2.441	3.668	0.000	1,330.000

Products

Plug 1

From Depth (ft): 1187

To Depth (ft): 143

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 350 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 83 (bbl)

Water Temperature(°F) = 65 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 70

+ 0.5 % of CaCl₂ (Preblend),

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of CFL-3 (Preblend),

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

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 143

Wellbore Fluid

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



Pumping Service Report

9205952

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>
449095	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	04/29/2015 09:30	04/29/2015 12:30
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	04/29/2015 09:30	04/29/2015 12:30
446113	TRAILER	Bulker	746113	TRACTOR	Tandem - Tractor	04/29/2015 09:30	04/29/2015 12:30
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>			
Doran, Benjamin (27933)	04/29/2015 09:30	04/29/2015 12:30					
Pigg, Martin (28301)	04/29/2015 09:30	04/29/2015 12:30					
Meisner, Jeremy (27681)	04/29/2015 09:30	04/29/2015 12:30					
Devine, Richard (29733)	04/29/2015 09:30	04/29/2015 12:30					



Pumping Service Report

9205952

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	Apr 29,2015 09:30	Arrive On Location		--	--	--	--	0.00
2	Apr 29,2015 09:35	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Apr 29,2015 10:09	Rig in Complete		--	--	--	--	0.00
4	Apr 29,2015 10:10	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Apr 29,2015 10:22	Pressure Test Start		0.50	26.0	--	1.00	1.00
	Remarks: Fill Lines							
6	Apr 29,2015 10:24	Pressure Test Complete		--	2,000.0	--	--	1.00
	Remarks: All Lines held pressure							
7	Apr 29,2015 10:25	Pump Spacer	Water	2.00	100.0	--	5.00	6.00
8	Apr 29,2015 10:28	Pump Preflush	Water	2.00	100.0	--	10.00	16.00
	Remarks: Mudflush (SAPP)							
9	Apr 29,2015 10:33	Pump Spacer	Water	2.00	100.0	--	20.00	36.00
10	Apr 29,2015 10:39	Mix Cement	0:1:0 Type III	2.00	51.0	--	83.00	119.00
	Remarks: Mix/Pump 350 Sacks @ 14.8 PPG, 1.33 Yield, 6.31 Water Req, 95.66 Sack Weight.							
11	Apr 29,2015 11:18	Displace Fluid	Water	2.00	65.0	--	1.50	120.50
	Remarks: Clean out lines							
12	Apr 29,2015 11:35	Rig Out		--	--	--	--	120.50
13	Apr 29,2015 12:10	Job Complete		--	--	--	--	120.50
14	Apr 29,2015 12:30	Leave Location		--	--	--	--	120.50
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								
57397								