



Pumping Service Report

9206684

Client Name Anadarko Petroleum Corporation	Well Name Megan H 16-4J	Rig Concord Well Servicing 3	Job Date August 27,2015	Call Sheet 1060353
Client Representative Mr. Jay Chandler	Surface Well Location SE SE Sec 16:T3N:R65W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Lopez, Armando (29064)

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)
3.500	9.300		--	--	--	--	--	0.0	7,090.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.063	3.250		--	--	--	--	0.000	7,090.000

Products

Plug 1

From Depth (ft): 6317

To Depth (ft): 7090

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 25 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 6.72 (bbl)

Water Temperature(°F) = 70 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 89

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of ASM-3 (Preblend)

Plug 2

From Depth (ft): 3994

To Depth (ft): 4700

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 30 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 6.14 (bbl)

Water Temperature(°F) = 70 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 86

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 3994

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jun 02, 2015 09:59



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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>
201401	PICKUP	1 Ton	449086	TRAILER	Utility Trailer	08/27/2015 12:00	08/27/2015 16:30
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	08/27/2015 12:00	08/27/2015 16:30
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	08/27/2015 12:00	08/27/2015 16:30
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>		<u>Second End Shift</u>		
Lopez, Armando (29064)	08/27/2015 12:00	08/27/2015 16:30					
Betts, Dallas (30257)	08/27/2015 12:00	08/27/2015 16:30					
Hansen, Ted (29055)	08/27/2015 12:00	08/27/2015 16:30					
Decenick, Scott (30083)	08/27/2015 12:00	08/27/2015 16:30					



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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	Aug 27,2015 12:00	Arrive On Location		--	--	--	--	0.00
		Remarks: Company man requested cement crew on location at 1300 08-27-2015						
2	Aug 27,2015 12:10	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Aug 27,2015 12:50	Rig in Complete		--	--	--	--	0.00
4	Aug 27,2015 13:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Aug 27,2015 13:32	Start - Fluid	Water	1.00	540.0	--	1.00	0.00
		Remarks: Fill lines						
6	Aug 27,2015 13:35	Pressure Test Start		--	2,500.0	--	--	0.00
7	Aug 27,2015 13:36	Pressure Test Complete		--	--	--	--	0.00
8	Aug 27,2015 13:37	Pump Spacer	Water	1.00	600.0	--	1.00	1.00
9	Aug 27,2015 13:44	Mix Cement	Thermal 35	2.00	1,170.0	--	6.80	7.80
		Remarks: Pumped 25 sacks Density 15.8 Yield 1.51 Water 6.23						
10	Aug 27,2015 13:49	Displace Fluid	Water	2.00	853.0	--	16.50	24.30
11	Aug 27,2015 14:00	Stop		--	--	--	--	0.00
		Remarks: Rig is going to pull tubing to 4700 ft						
12	Aug 27,2015 14:44	Start - Fluid	Water	1.50	660.0	--	1.00	1.00
		Remarks: Fill lines						
13	Aug 27,2015 14:46	Pressure Test		--	2,500.0	--	--	1.00
14	Aug 27,2015 14:48	Pump Spacer	Water	1.50	530.0	--	1.00	2.00
15	Aug 27,2015 14:58	Mix Cement	0-1-0 G	2.00	810.0	--	6.20	8.20
		Remarks: Pumped 30 sacks Density 15.8 Yield 1.15 Water 4.98						
16	Aug 27,2015 15:02	Displace Fluid	Water	2.00	450.0	--	10.00	18.20
17	Aug 27,2015 15:10	Stop		--	--	--	--	0.00
18	Aug 27,2015 15:15	Wash		--	--	--	--	0.00
19	Aug 27,2015 15:45	Rig Out		--	--	--	--	0.00
20	Aug 27,2015 16:15	Job Complete		--	--	--	--	0.00
21	Aug 27,2015 16:20	Pre-Departure Meeting		--	--	--	--	0.00
22	Aug 27,2015 16:30	Leave Location		--	--	--	--	0.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Mud

Volume (bbl) : 45

Temperature (°F) : 80

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

65576



Pumping Service Report

9207952

Client Name Anadarko Petroleum Corporation	Well Name Megan H 16-4J	Rig Concord Well Servicing 3	Job Date August 28,2015	Call Sheet 1060374
Client Representative Mr. Jay Chandler	Surface Well Location SE SE Sec 16: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)
12.250	--	0.000	682.000	--	--

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)
3.500	9.300		--	--	--	--	--	100.0	1,160.0
8.625	24.000		--	--	--	--	--	0.0	470.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.063	3.250		--	--	--	--	0.000	1,260.000

Products

Plug 1

From Depth (ft): 0

To Depth (ft): 1260

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 550 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 130 (bbl)

Water Temperature(°F) = 65 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 75

+ 0.25 lb/sack of Polyflake (Preblend),

+ 0.5 % of CaCl₂ (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

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jun 02, 2015 09:59



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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>
201386	PICKUP	1 Ton	444002	TRAILER	Iron	08/28/2015 12:30	08/28/2015 16:35
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	08/28/2015 12:30	08/28/2015 16:35
446171	TRAILER	Bulker	746171	TRACTOR	Tandem - Tractor	08/28/2015 12:30	08/28/2015 16:35
746502	BODY JOB	Baby Bulker				08/28/2015 12:30	08/28/2015 16:35
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)	08/28/2015 12:30		08/28/2015 16:35				
Yates, William (29930)	08/28/2015 12:30		08/28/2015 16:35				
Davila, Israel (28152)	08/28/2015 12:30		08/28/2015 16:35				
Cheal, Samuel (28315)	08/28/2015 12:30		08/28/2015 16:35				



Pumping Service Report

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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	Aug 28,2015 12:30	Arrive On Location		0.00	0.0	0.0	0.00	0.00
2	Aug 28,2015 12:46	Crew Briefing (Rig in)		0.00	0.0	0.0	0.00	0.00
3	Aug 28,2015 12:50	Rig in Complete		--	0.0	0.0	0.00	0.00
4	Aug 28,2015 13:30	Crew Briefing (Pre Job)		0.00	0.0	0.0	0.00	0.00
5	Aug 28,2015 13:59	Pressure Test Start	Water	0.00	3,000.0	0.0	0.00	0.00
6	Aug 28,2015 14:00	Pressure Test Complete	Water	0.00	3,000.0	0.0	0.00	0.00
7	Aug 28,2015 14:01	Pump Preflush	Water	3.00	400.0	0.0	10.00	0.00
Remarks: SAPP								
8	Aug 28,2015 14:05	Pump Preflush	Water	4.00	700.0	0.0	20.00	0.00
Remarks: Fresh								
9	Aug 28,2015 14:11	Pump	0:1:0 Type III	4.00	1,100.0	0.0	130.00	0.00
Remarks: Mix and pump 550sx @14.8ppg, Yield 1.33, WR 6.3, Mix H2O 83bbl, scaled @1430 @14.8ppg								
10	Aug 28,2015 14:51	Displace Fluid	Water	1.30	100.0	0.0	0.50	0.00
11	Aug 28,2015 15:00	Rig Out		0.00	0.0	0.0	0.00	0.00
12	Aug 28,2015 16:00	Job Complete		0.00	0.0	0.0	0.00	0.00
13	Aug 28,2015 16:30	Leave Location		0.00	0.0	0.0	0.00	0.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 8

Temperature (°F) : 75

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

65587

65588