



Pumping Service Report

9201392

Client Name Anadarko Petroleum Corporation	Well Name Kuipers V 12 -7 JI	Rig Key 104	Job Date March 18,2015	Call Sheet 1056741
Client Representative Mr. Traux Deal	Surface Well Location SW NE Sec 12:T2N:R67W	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): --- @ --

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	7,911.0

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		--	--	--	--	0.000	6,700.000

Products

Plug 1

From Depth (ft): 6532

To Depth (ft): 6850

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 50 Sacks of 1-1-3 POZ G, Density = 13.5 lb/gal, Volume Pumped = 14 (bbl)

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

+ 20 % of Silica Flour (Preblend),

+ 0.4 % of CFL-3 (Preblend),

+ 0.4 % of CFR-2 (Preblend),

+ 0.1 % of SMS (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 24, 2014 17:22

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	6,725.000	Third Party



Pumping Service Report

9201392

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>
449093	TRAILER	Utility Trailer	201171	PICKUP	Service Truck	03/18/2015 14:00	03/18/2015 17:45
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	03/18/2015 14:00	03/18/2015 17:45
746506	BODY JOB	Baby Bulker				03/18/2015 14:00	03/18/2015 17:45
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)	03/18/2015 14:00	03/18/2015 17:45					
Hansen, Ted (29055)	03/18/2015 14:00	03/18/2015 17:45					
Melgarejo Herrera, Eduardo (26606)	03/18/2015 14:00	03/18/2015 17:45					



Pumping Service Report

9201392

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	Mar 18,2015 14:00	Arrive On Location		--	--	--	--	0.00
2	Mar 18,2015 14:10	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Mar 18,2015 15:00	Rig in Complete		--	--	--	--	0.00
4	Mar 18,2015 15:30	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Mar 18,2015 15:58	Start - Fluid	Water	2.00	500.0	--	1.00	1.00
		Remarks: Fill lines						
6	Mar 18,2015 16:00	Pressure Test Start		--	3,000.0	--	--	0.00
7	Mar 18,2015 16:02	Pressure Test Complete		--	--	--	--	0.00
8	Mar 18,2015 16:04	Pump Spacer	Water	1.00	500.0	--	5.00	6.00
9	Mar 18,2015 16:09	Mix Cement	1-1-3 POZ G	2.00	620.0	--	14.00	20.00
		Remarks: Pumped 50 sacks cement Density 13.5						
10	Mar 18,2015 16:16	Displace Fluid	Water	2.00	50.0	--	23.00	43.00
		Remarks: Left 3 bbls of cement on top of retainer						
11	Mar 18,2015 16:26	Stop		--	--	--	--	0.00
12	Mar 18,2015 16:30	Wash		--	--	--	--	0.00
13	Mar 18,2015 17:00	Rig Out		--	--	--	--	0.00
14	Mar 18,2015 17:30	Job Complete		--	--	--	--	0.00
15	Mar 18,2015 17:35	Pre-Departure Meeting		--	--	--	--	0.00
16	Mar 18,2015 17:45	Leave Location		--	--	--	--	0.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Mud

Volume (bbl) : 43

Temperature (°F) : 70

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

57720

57719



Pumping Service Report

9203761

Client Name Anadarko Petroleum Corporation	Well Name Kuipers V 12 -7 JI	Rig Key 104	Job Date March 19,2015	Call Sheet 1056758
Client Representative Mr. Traux Deal	Surface Well Location SW NE Sec 12:T2N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Schneider, Patrick (24093)

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)
9.500	--	4,000.000	4,450.000	--	--

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	J-55	4,960.0	5,350.0	69.16	4.000	5.000	0.0	4,450.0

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	15.680	1.995	2.910	0.000	4,055.000

Products

Plug 1

From Depth (ft): 4000

To Depth (ft): 4450

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 200 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 41 (bbl)

Water Temperature(°F) = 58 , Bulk Temperature(°F) = 45 , Slurry Temperature(°F) = 55

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of FMC (Preblend),

+ 0.5 % of LWA (Preblend),

+ 0.25 % of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 4400

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 24, 2014 17:22

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	4,055.000	Third Party



Pumping Service Report

9203761

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>
201274	PICKUP	3/4 Ton				03/19/2015 08:30	03/19/2015 11:00
740067	BODY JOB	C & A				03/19/2015 08:30	03/19/2015 11:00
446024	TRAILER	Bulker	746024	TRACTOR	Tandem - Tractor	03/19/2015 08:30	03/19/2015 11:00
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>			<u>Second Start Shift</u>	<u>Second End Shift</u>	
Schneider, Patrick (24093)	03/19/2015 00:30	03/19/2015 11:00					
Joyner, Barlen (28603)	03/19/2015 00:30	03/19/2015 11:00					
Davila, Israel (28152)	03/19/2015 00:30	03/19/2015 11:00					
Phillips, James (23627)	03/19/2015 00:30	03/19/2015 11:00					

Treatment Reports & Remarks



Pumping Service Report

9203761

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	Mar 19,2015 08:30	Arrive On Location		--	--	--	--	0.00
2	Mar 19,2015 08:35	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: discussed lease hazards and rig in procedure						
3	Mar 19,2015 08:50	Rig In		--	--	--	--	0.00
4	Mar 19,2015 09:00	Rig in Complete		--	--	--	--	0.00
5	Mar 19,2015 09:05	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: discussed job scope and everyones dutys						
6	Mar 19,2015 09:30	Start - Fluid	Water	1.00	--	--	1.00	1.00
		Remarks: filled lines						
7	Mar 19,2015 09:32	Pressure Test Start	Water	--	3,000.0	--	--	1.00
8	Mar 19,2015 09:34	Pressure Test Complete	Water	--	0.0	--	--	1.00
		Remarks: good pressure test						
9	Mar 19,2015 09:35	Injection Test	Water	1.50	1,100.0	--	5.00	6.00
		Remarks: good injection rate						
10	Mar 19,2015 09:37	Pump Preflush	Water	2.00	1,400.0	--	20.00	26.00
		Remarks: well seal						
11	Mar 19,2015 09:47	Pump Spacer	Water	2.00	1,600.0	--	5.00	31.00
		Remarks: fresh water spacer						
12	Mar 19,2015 09:51	Mix Cement	0-1-0 G	2.00	200.0	--	41.00	72.00
		Remarks: 200 sks plug cement @ 15.8 ppg yield = 1.15 h2o req = 4.98						
13	Mar 19,2015 10:12	Displace Fluid	Water	2.25	700.0	--	12.50	84.50
		Remarks: left 3 bbl on top of retainer						
14	Mar 19,2015 10:17	Finish Displacement	Water	--	100.0	--	--	84.50
		Remarks: ISIP 100 psi						
15	Mar 19,2015 10:20	Pull Out Off Retainer		--	--	--	--	84.50
		Remarks: rig pulled out of retainer						
16	Mar 19,2015 10:25	Tailgate Meeting		--	--	--	--	84.50
		Remarks: revisited JSA						
17	Mar 19,2015 10:30	Rig Out		--	--	--	--	84.50
18	Mar 19,2015 10:35	Wash		--	--	--	--	84.50
		Remarks: washed pump and lines						
19	Mar 19,2015 10:50	Job Complete		--	--	--	--	84.50
20	Mar 19,2015 10:55	Pre-Departure Meeting		--	--	--	--	84.50
21	Mar 19,2015 11:00	Leave Location		--	--	--	--	84.50

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



Treatment Reports & Remarks

Material Transfer Sheet Number

Material Transfer Sheet Number

57752

57753



Pumping Service Report

9198174

Client Name Anadarko Petroleum Corporation	Well Name Kuipers V 12 -7 JI	Rig Key 104	Job Date March 20,2015	Call Sheet 1056790
Client Representative Mr. Traux Deal	Surface Well Location SW NE Sec 12:T2N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Schroeder, Stephen (25442)

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):	--- @ --

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	36.11	8.097	9.625	0.0	567.0
4.500	11.600	J-55	4,960.0	5,350.0	105.08	4.000	5.000	1,150.0	7,911.0

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	4.830	1.995	2.910	0.000	1,250.000

Products

Plug 1

From Depth (ft): 1250

To Depth (ft): 0

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 280 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 66.3 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 30 , Slurry Temperature(°F) = 50

+ 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 % of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 24, 2014 17:22



Pumping Service Report

9198174

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>
200910	PICKUP	1/2 Ton				03/20/2015 06:00	03/20/2015 10:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	03/20/2015 06:00	03/20/2015 10:00
446145	TRAILER	Bulker	746145	TRACTOR	Tandem - Tractor	03/20/2015 06:00	03/20/2015 10:00
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>		<u>Second End Shift</u>		
Schroeder, Stephen (25442)	03/20/2015 05:00	03/20/2015 11:00					
Leue, David (28684)	03/20/2015 05:00	03/20/2015 11:00					
Molina, Alejandro (29922)	03/20/2015 05:00	03/20/2015 11:00					
Melgarejo Herrera, Eduardo (26606)	03/20/2015 05:00	03/20/2015 11:00					



Pumping Service Report

9198174

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	Mar 20,2015 07:00	Arrive On Location		--	--	--	--	0.00
2	Mar 20,2015 07:10	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Mar 20,2015 07:15	Rig In		--	--	--	--	0.00
4	Mar 20,2015 08:00	Rig in Complete		--	--	--	--	0.00
5	Mar 20,2015 08:15	Crew Briefing (Pre Job)		--	--	--	--	0.00
6	Mar 20,2015 08:20	Pump	Water	2.00	300.0	0.0	1.00	0.00
		Remarks: Fill lines						
7	Mar 20,2015 08:22	Pressure Test Start		--	2,500.0	0.0	--	0.00
		Remarks: 2500psi Pressure test						
8	Mar 20,2015 08:23	Pressure Test Complete		--	--	--	--	0.00
9	Mar 20,2015 08:25	Pump	Water	3.00	300.0	0.0	10.00	0.00
		Remarks: 10 bbls Mud Flush						
10	Mar 20,2015 08:29	Pump	Water	3.50	300.0	0.0	10.00	0.00
		Remarks: Fresh Water Ahead						
11	Mar 20,2015 08:30	Mix Cement	0:1:0 Type III	3.50	340.0	0.0	66.30	0.00
		Remarks: pressured up at end due to possible mud ring, lost returns last 10bbls						
12	Mar 20,2015 08:53	Pump	Water	2.00	100.0	0.0	3.00	0.00
		Remarks: Clear lines to wash out						
13	Mar 20,2015 08:54	Displace Fluid	Water	2.00	1,000.0	0.0	1.50	0.00
		Remarks: Displace cement						
14	Mar 20,2015 08:57	Check Float	Water	0.00	500.0	0.0	0.00	0.00
		Remarks: 1.5bbls returned						
15	Mar 20,2015 08:59	Wait On Instructions		0.00	500.0	0.0	0.00	0.00
16	Mar 20,2015 09:00	Displace Fluid	Water	1.50	200.0	0.0	1.00	0.00
		Remarks: Displace fluid						
17	Mar 20,2015 09:02	Check Float	Water	0.00	0.0	0.0	0.00	0.00
		Remarks: less than half bbl returned						
18	Mar 20,2015 09:05	Rig Out		--	--	--	--	0.00
19	Mar 20,2015 09:05	Job Complete		--	--	--	--	0.00
20	Mar 20,2015 10:00	Leave Location		--	--	--	--	0.00

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

57768

57769