



Pumping Service Report

9206198

Client Name Anadarko Petroleum Corporation	Well Name Plutt P 1 - 13	Rig ECWS 7	Job Date August 13,2015	Call Sheet 1059942
Client Representative Mr. Dave Donoho	Surface Well Location SW SW Sec 1:T3N:R67W	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):	--- @ --

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	7,170.0

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	7,160.000

Products

Plug 1

From Depth (ft): 7160
To Depth (ft): 6547
Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 35 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 9.5 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80
+ 0.3 % of CFR-2 (Preblend),
+ 0.3 % of ASM-3 (Preblend)

Plug 2

From Depth (ft): 4360
To Depth (ft): 3814
Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 210 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 43 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80
+ 0.5 % of CFR-2 (Preblend),
+ 0.2 % of FMC (Preblend),
+ 0.5 % of LWA (Preblend),
+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 3814

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jun 07, 2015 22:11



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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>
201017	PICKUP	1 Ton				08/13/2015 06:30	08/13/2015 13:30
740067	BODY JOB	C & A				08/13/2015 06:30	08/13/2015 13:30
746506	BODY JOB	Baby Bulker				08/13/2015 06:30	08/13/2015 13:30
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)	08/13/2015 06:30	08/13/2015 13:30					
Davila, Israel (28152)	08/13/2015 06:30	08/13/2015 13:30					
Phillips, James (23627)	08/13/2015 06:30	08/13/2015 13:30					

**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	Aug 13,2015 06:30	Arrive On Location		0.00	0.0	0.0	0.00	0.00
2	Aug 13,2015 06:40	Crew Briefing (Rig in)		0.00	0.0	0.0	0.00	0.00
3	Aug 13,2015 07:00	Rig in Complete		0.00	0.0	0.0	0.00	0.00
4	Aug 13,2015 07:10	Crew Briefing (Pre Job)		0.00	0.0	0.0	0.00	0.00
5	Aug 13,2015 07:26	Pressure Test Start	Water	0.00	3,000.0	0.0	0.00	0.00
6	Aug 13,2015 07:27	Pressure Test Complete	Water	0.00	3,000.0	0.0	0.00	0.00
7	Aug 13,2015 07:28	Establish Circulation	Water	2.00	500.0	0.0	5.00	5.00
8	Aug 13,2015 07:45	Pump	Thermal 35	2.00	500.0	0.0	9.50	14.50
Remarks: Mix up and pump 35sx @15.8#, Yield 1.51, WR 6.23. Scaled before going downhole at 15.8#.								
9	Aug 13,2015 07:49	Displace Fluid	Water	3.00	1,000.0	0.0	25.00	39.50
10	Aug 13,2015 08:00	Wait On Instructions		0.00	0.0	0.0	0.00	39.50
Remarks: Rig had to pull up, wireline has to shoot perfs, rig has to set retainer in the hole.								
11	Aug 13,2015 11:55	Pressure Test	Water	0.00	2,900.0	0.0	0.00	0.00
12	Aug 13,2015 11:58	Pump Preflush	Water	3.00	700.0	0.0	5.00	5.00
13	Aug 13,2015 11:59	Pump Preflush	Water	3.00	750.0	0.0	20.00	25.00
Remarks: SMS.								
14	Aug 13,2015 12:06	Pump Preflush	Water	3.00	700.0	0.0	5.00	30.00
15	Aug 13,2015 12:08	Pump	0-1-0 G	3.00	750.0	0.0	43.00	73.00
Remarks: Mix up and pump 210sx @15.8#, Yield 1.15, WR 4.98, MixH2O 25bbls, Scaled@12:20@15.8#.								
16	Aug 13,2015 12:24	Displace Fluid	Water	3.00	1,000.0	0.0	12.50	85.50
17	Aug 13,2015 12:30	Rig Out		0.00	0.0	0.0	0.00	85.50
18	Aug 13,2015 13:00	Job Complete		0.00	0.0	0.0	0.00	39.50
19	Aug 13,2015 13:30	Leave Location		0.00	0.0	0.0	0.00	39.50

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 NumberMaterial Transfer Sheet Number

65428

65433



Pumping Service Report

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Client Name Anadarko Petroleum Corporation	Well Name Plutt P 1 - 13	Rig ECWS 7	Job Date August 14,2015	Call Sheet 1059981
Client Representative Mr. Dave Donoho	Surface Well Location SW SW Sec 1:T3N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	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)
9.500	--	408.000	1,010.000	--	--

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	910.0
8.625	24.000		--	--	--	--	--	0.0	408.0

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		--	--	--	--	0.000	1,010.000

Products

Plug 1

From Depth (ft): 0

To Depth (ft): 1010

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 235 Sacks of Control Set C, Density = 13.5 lb/gal, Volume Pumped = 72 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 87 , Slurry Temperature(°F) = 78

+ 0.25 lb/sack of Polyflake (Add On The Fly)

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jun 07, 2015 22:11



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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>
201191	PICKUP	1 Ton				08/14/2015 09:30	08/14/2015 12:00
740018-1	BODY JOB	C & A				08/14/2015 09:30	08/14/2015 12:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	08/14/2015 09:30	08/14/2015 12:00
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>		<u>End Shift</u>		<u>Second Start Shift</u>		<u>Second End Shift</u>
Douglass, Brian (23898)	08/14/2015 09:30		08/14/2015 12:00				
Schroeder, Stephen (25442)	08/14/2015 09:30		08/14/2015 12:00				
Leue, David (28684)	08/14/2015 09:30		08/14/2015 12:00				
Phillips, James (23627)	08/14/2015 09:30		08/14/2015 12:00				



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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 14,2015 09:30	Arrive On Location		--	--	--	--	0.00
2	Aug 14,2015 09:40	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Aug 14,2015 10:15	Rig in Complete		--	--	--	--	0.00
4	Aug 14,2015 10:30	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Aug 14,2015 10:40	Pressure Test Start		--	1,000.0	--	--	0.00
6	Aug 14,2015 10:41	Pressure Test Complete		--	--	--	--	0.00
7	Aug 14,2015 10:43	Pump Preflush	Water	2.00	200.0	--	5.00	0.00
8	Aug 14,2015 10:46	Pump Preflush	Water	2.00	200.0	--	10.00	0.00
Remarks: ith sapp								
9	Aug 14,2015 10:51	Pump Preflush	Water	2.00	200.0	--	5.00	0.00
10	Aug 14,2015 10:54	Pump	Control Set C	3.00	500.0	--	72.00	0.00
11	Aug 14,2015 11:11	Displace Fluid	Water	2.00	30.0	--	1.50	0.00
12	Aug 14,2015 11:15	Rig Out		--	--	--	--	0.00
13	Aug 14,2015 11:50	Job Complete		--	--	--	--	0.00
14	Aug 14,2015 11:55	Pre-Departure Meeting		--	--	--	--	0.00
15	Aug 14,2015 12:00	Leave Location		--	--	--	--	0.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 1

Temperature (°F) : 75

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

65438

65439