



**Pumping
Service Report**

9187440

Client Name Anadarko Petroleum Corporation	Well Name HSR Ruth Camp 15-31	Job Date January 22, 2014	Call Sheet 1036024
Client Representative Mr Traux Deal	Location Sec 31:T3N:R65W	Job Type Abandonment Plugs	

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)
8.000	--	--	--	--	--

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	940.000

Products

Plug 1

From Depth (ft):

To Depth (ft):

Plug Type : N/A

Acids/Blends/Fluids :

Tail: 85 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 22 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 40 , Slurry Temperature(°F) = 60

+ 1 % of CaCl₂,

+ 0.25 lb/sack of Polyflake

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Nov 04, 2013 12:31



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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
201274	PICKUP	3/4 Ton				01/22/2014 11:15	01/22/2014 13:25
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	01/22/2014 11:15	01/22/2014 13:25
446171	TRAILER	Bulker	746171	TRACTOR	Tandem - Tractor	01/22/2014 11:15	01/22/2014 13:25

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Douglass, Brian	01/22/2014 11:15	01/22/2014 13:25		
Prigmore, Dominic	01/22/2014 11:15	01/22/2014 13:25		
Coronado, Sebastian	01/22/2014 11:15	01/22/2014 13:25		
Feigenbaum, Andrew	01/22/2014 11:15	01/22/2014 13:25		

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	Jan 22, 2014 11:15	Arrive On Location	---	--	--	--	--	0.00	
2	Jan 22, 2014 11:20	Tailgate Meeting	---	--	--	--	--	0.00	
3	Jan 22, 2014 11:30	Rig In	---	--	--	--	--	0.00	
4	Jan 22, 2014 11:55	Safety Meeting	---	--	--	--	--	0.00	
5	Jan 22, 2014 12:00	Sign-off on Safety	---	--	--	--	--	0.00	
6	Jan 22, 2014 12:05	Establish Circulation	Water	2.00	150.0	--	2.00	2.00	
		Remarks: fill lines							
7	Jan 22, 2014 12:08	Pressure Test	---	--	2,000.0	--	--	2.00	
8	Jan 22, 2014 12:10	Establish Circulation	Water	2.00	150.0	--	20.00	22.00	
9	Jan 22, 2014 12:23	Mix Cement	0:1:0 Type III	2.00	100.0	--	22.00	44.00	
10	Jan 22, 2014 12:34	Pump Displacement	Water	2.00	10.0	--	1.50	45.50	
11	Jan 22, 2014 12:36	Stop	---	--	--	--	--	45.50	
12	Jan 22, 2014 12:38	Rig Out	---	--	--	--	--	45.50	
13	Jan 22, 2014 13:00	Job Complete	---	--	--	--	--	45.50	
14	Jan 22, 2014 13:15	Pre-Departure Meeting	---	--	--	--	--	45.50	
15	Jan 22, 2014 13:25	Leave Location	---	--	--	--	--	45.50	

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



**Pumping
Service Report**

9187470

Client Name Anadarko Petroleum Corporation	Well Name HSR Ruth Camp 15-31	Job Date January 21, 2014	Call Sheet 1035926
Client Representative Mr Traux Deal	Location Sec 31:T3N:R65W	Job Type Abandonment Plugs	Rig Key 104

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)
8.000	--	0.000	5,250.000	--	--

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	30.390	2.441	3.668	0.000	5,250.000

Products

Plug 1

From Depth (ft):

To Depth (ft):

Plug Type : N/A

Acids/Blends/Fluids :

Tail: 410 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 84 (bbl)

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

- + 0.5 % of CFR-2,
- + 0.25 % of FMC,
- + 0.5 % of LWA,
- + 0.25 lb/sack of Polyflake

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Nov 04, 2013 12:31



**Pumping
Service Report**

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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>
449086	TRAILER	Utility Trailer	200868	PICKUP	3/4 Ton	01/21/2014 06:45	01/21/2014 11:30
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	01/21/2014 06:45	01/21/2014 11:30
446172	TRAILER	Bulker	746172	TRACTOR	Tandem - Tractor	01/21/2014 06:45	01/21/2014 11:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Johnson, Quintin	01/21/2014 06:45	01/21/2014 11:30		
Hall, Andrew J	01/21/2014 06:45	01/21/2014 11:30		
Feigenbaum, Andrew	01/21/2014 06:45	01/21/2014 11:30		
Paiu, Corneliu	01/21/2014 06:45	01/21/2014 11:30		

Treatment Reports & Remarks



**Pumping
Service Report**

9187419

Client Name Anadarko Petroleum Corporation	Well Name HSR Ruth Camp 15-31	Job Date January 17, 2014	Call Sheet 1035671
Client Representative Mr Traux Deal	Location Sec 31:T3N:R65W	Job Type Abandonment Plugs	Rig Key 104

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 (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	39.070	2.441	3.668	0.000	6,750.000
1.660	2.330	J-55	8,490.000	12.490	1.380	1.880	0.000	6,750.000

Products

Plug 1

From Depth (ft):

To Depth (ft):

Plug Type : N/A

Acids/Blends/Fluids :

Tail: 20 Sacks of Thermal 35, Density = 15.4 lb/gal, Volume Pumped = 5.4 (bbl)

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

+ 0.5 % of CFR,

+ 0.25 % of FMC

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Nov 04, 2013 12:31

Units & Personnel

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449093	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	01/17/2014 13:00	01/17/2014 15:30
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	01/17/2014 13:00	01/17/2014 15:30
746502	BODY JOB	Baby Bulker				01/17/2014 13:00	01/17/2014 15:30

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hardwick, Waco	01/17/2014 13:00	01/17/2014 15:30		
Cox, Brandon	01/17/2014 13:00	01/17/2014 15:30		
Grambart, Philip	01/17/2014 13:00	01/17/2014 15:30		
Paiu, Corneliu	01/17/2014 13:00	01/17/2014 15:30		



**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	Jan 17,2014 13:00	Arrive On Location	---	--	--	--	--	0.00
2	Jan 17,2014 13:10	Tailgate Meeting	---	--	--	--	--	0.00
3	Jan 17,2014 13:20	Rig In	---	--	--	--	--	0.00
4	Jan 17,2014 13:45	Safety Meeting	---	--	--	--	--	0.00
5	Jan 17,2014 14:00	Sign-off on Safety	---	--	--	--	--	0.00
6	Jan 17,2014 14:03	Establish Circulation	Water	1.00	500.0	0.0	1.50	1.50
7	Jan 17,2014 14:05	Pressure Test	Water	0.30	2,000.0	0.0	0.50	2.00
8	Jan 17,2014 14:16	Pump	Thermal 35	1.00	700.0	0.0	5.40	7.40
9	Jan 17,2014 14:21	Displace Fluid	Water	1.00	400.0	0.0	10.50	17.90
10	Jan 17,2014 14:21	Wash	Water	2.00	--	--	25.00	0.00
11	Jan 17,2014 15:10	Rig Out	---	--	--	--	--	0.00
12	Jan 17,2014 15:20	Job Complete	---	--	--	--	--	0.00
13	Jan 17,2014 15:30	Pre-Departure Meeting	---	--	--	--	--	0.00
14	Jan 17,2014 15:40	Leave Location	---	--	--	--	--	0.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Water

Volume (bbl) : 17.9

Temperature (°F) : 60

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

44238