



Cementing Service Report

9211058

Client Name Anadarko Petroleum Corporation	Well Name Bluffs White W 5-1	Rig ECWS 7	Job Date February 22, 2016	Call Sheet 1065188
Client Representative Mr. Dave Donoho	Surface Well Location NE NE Sec 5:T2N:R66W	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):	--- @ --

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	7,311.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.063	3.250	J-55	7,690.000	21.770	1.751	2.325	0.000	7,309.000

Products

Plug 1

From Depth (ft): 6701

To Depth (ft): 7311

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 20 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 5.3 (bbl)

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

+ 0.5 % of CFR-2 (Preblend),

+ 0.25 % of ASM-3 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 6701

Wellbore Fluid

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

Units & Personnel

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201352	PICKUP	1 Ton				02/22/2016 09:30	02/22/2016 12:00
740067	BODY JOB	C & A				02/22/2016 09:30	02/22/2016 12:00
746502	BODY JOB	Baby Bulker				02/22/2016 09:30	02/22/2016 12:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Doran, Benjamin (27933)	02/22/2016 09:30	02/22/2016 12:00		
Curtner, Jerry (28310)	02/22/2016 09:30	02/22/2016 12:00		
Nickerson, Nick	02/22/2016 09:30	02/22/2016 12:00		

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	Feb 22,2016 09:30	Arrive On Location		--	--	--	--	0.00
2	Feb 22,2016 09:35	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Feb 22,2016 10:07	Rig in Complete		--	--	--	--	0.00
4	Feb 22,2016 10:09	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Feb 22,2016 10:34	Pressure Test Start	Water	1.00	100.0	--	1.00	0.00
		Remarks: Fill lines`						
6	Feb 22,2016 10:35	Pressure Test Complete		--	3,000.0	--	--	0.00
		Remarks: all lines held pressure						
7	Feb 22,2016 10:37	Batch Mix	Thermal 35	6.50	400.0	--	5.30	0.00
		Remarks: Mix 20 Sacks @ 15.8 PPG						
8	Feb 22,2016 10:49	Pump	Thermal 35	2.60	150.0	--	5.30	0.00
9	Feb 22,2016 10:51	Displace Fluid	Water	2.60	75.0	--	6.00	0.00
10	Feb 22,2016 11:00	Wash	Water	--	--	--	15.00	0.00
11	Feb 22,2016 11:20	Rig Out		--	--	--	--	0.00
12	Feb 22,2016 11:40	Job Complete		--	--	--	--	0.00
13	Feb 22,2016 12:00	Leave Location		--	--	--	--	0.00
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						



Cementing Service Report

9209893

Client Name Anadarko Petroleum Corporation	Well Name Bluffs White W 5-1	Rig ECWS 7	Job Date February 24, 2016	Call Sheet 1065255
Client Representative Mr. Dave Donoho	Surface Well Location NE NE Sec 5:T2N:R66W	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)
3.500	9.300		--	--	--	--	--	0.0	7,270.0

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.063	3.250		--	--	--	--	0.000	7,270.000

Products

Plug 1

From Depth (ft): 6534

To Depth (ft): 7270

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 25 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 6.7 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 60

+ 0.3 % of CFR-2 (Preblend),

+ 0.3 % of ASM-3 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 6534

Wellbore Fluid

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

Units & Personnel

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201401	PICKUP	1 Ton				02/24/2016 06:40	02/24/2016 10:00
740004	BODY JOB	C & A				02/24/2016 06:40	02/24/2016 10:00
746506	BODY JOB	Baby Bulker				02/24/2016 06:40	02/24/2016 10:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Lopez, Armando (29064)	02/24/2016 06:40	02/24/2016 10:00		
Davila, Israel (28152)	02/24/2016 06:40	02/24/2016 10:00		
Nickerson, Nick	02/24/2016 06:40	02/24/2016 10:00		

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	Feb 24,2016 06:40	Arrive On Location		--	--	--	--	0.00
2	Feb 24,2016 06:50	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Feb 24,2016 07:20	Rig in Complete		--	--	--	--	0.00
4	Feb 24,2016 07:40	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Feb 24,2016 08:41	Start - Fluid	Water	1.00	300.0	--	1.00	1.00
		Remarks: Fill lines						
6	Feb 24,2016 08:42	Pressure Test Start		--	2,500.0	--	--	0.00
7	Feb 24,2016 08:43	Pressure Test Complete		--	--	--	--	0.00
8	Feb 24,2016 08:45	Pump Spacer	Water	2.00	1,200.0	--	6.00	7.00
9	Feb 24,2016 08:48	Mix Cement	Thermal 35	2.00	1,300.0	--	6.70	13.70
		Remarks: Pumped 25 sacks Density 15.8 Yield 1.51 Water 6.23.Cement weight with mud sacale was 15.8						
10	Feb 24,2016 08:51	Displace Fluid	Water	2.00	600.0	--	17.50	31.20
11	Feb 24,2016 08:59	Stop		--	--	--	--	0.00
12	Feb 24,2016 09:10	Wash		--	--	--	--	0.00
13	Feb 24,2016 08:30	Rig Out		--	--	--	--	0.00
14	Feb 24,2016 09:50	Job Complete		--	--	--	--	0.00
15	Feb 24,2016 09:55	Pre-Departure Meeting		--	--	--	--	0.00
16	Feb 24,2016 10:00	Leave Location		--	--	--	--	0.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Water

Volume (bbl) : 31

Temperature (°F) : 70

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

64800

64837



Cementing Service Report

9211401

Client Name Anadarko Petroleum Corporation	Well Name Bluffs White W 5-1	Rig ECWS 7	Job Date February 25,2016	Call Sheet 1065292
Client Representative Mr. Dave Donoho	Surface Well Location NE NE Sec 5:T2N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Prigmore, Dominic (27161)

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)
8.625	24.000	J-55	1,370.0	2,950.0	--	8.097	9.625	0.0	--

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
3.500	9.300	J-55	7,400.000	40.130	2.992	4.180	0.000	4,615.000
2.063	3.250	J-55	7,690.000	13.520	1.751	2.325	0.000	4,540.000

Products

Plug 1

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 50 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 4 (bbl)

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

+ 0.5 % of CFR-2 (Preblend),

+ 0.2 % of ASM-3 (Preblend),

+ 0.5 % of LWA (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

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

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	4,540.000	Client

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	449084	TRAILER	Utility Trailer	02/25/2016 11:00	02/25/2016 16:00	
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	02/25/2016 11:00	02/25/2016 16:00	
446172	TRAILER	Bulker	746172	TRACTOR	Tandem - Tractor	02/25/2016 11:00	02/25/2016 16:00	
Crew and Bonuses								
Employee	Start Shift	End Shift	Second Start Shift	Second End Shift				
Prigmore, Dominic (27161)	02/25/2016 11:00	02/25/2016 16:00						
Leue, David (28684)	02/25/2016 11:00	02/25/2016 16:00						
McGinness, Matthew (30710)	02/25/2016 11:00	02/25/2016 16:00						
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	Feb 25,2016 11:00	Arrive On Location		--	--	--	--	0.00
2	Feb 25,2016 11:06	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Feb 25,2016 13:00	Rig in Complete		--	--	--	--	0.00
4	Feb 25,2016 13:15	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Feb 25,2016 13:25	Pressure Test Start		--	2,500.0	--	--	0.00
6	Feb 25,2016 13:26	Pressure Test Complete		--	2,500.0	--	--	0.00
7	Feb 25,2016 13:46	Injection Test	Water	1.00	400.0	--	2.00	2.00
8	Feb 25,2016 13:51	Mix Cement	0:1:0 Type III	1.00	400.0	--	4.00	6.00
Remarks: Job shut down due to bad retainer.								
9	Feb 25,2016 13:55	Stop		--	--	--	--	6.00
Remarks: Job cancelled per company man as retainer was bad. Circulation present.								
10	Feb 25,2016 14:30	Job Complete		--	--	--	--	6.00
11	Feb 25,2016 15:30	Leave Location		--	--	--	--	6.00
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						



Cementing Service Report

9210119

Client Name Anadarko Petroleum Corporation	Well Name Bluffs White W 5-1	Rig ECWS 7	Job Date February 29, 2016	Call Sheet 1065379
Client Representative Mr. Dave Donoho	Surface Well Location NE NE Sec 5:T2N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Johnson, Quintin (23945)

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	4,613.0

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	C-75	10,480.000	9.710	1.751	2.325	0.000	3,260.000

Products

Plug 1

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 10 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 2 (bbl)

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

+ 0.5 % of CFR-2 (Preblend),

+ 0.2 % of ASM-3 (Preblend),

+ 0.5 % of LWA (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

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

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
External Casing Packer (ECP)	3,260.000	Client



9210119

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				02/29/2016 14:00	02/29/2016 16:00
740004	BODY JOB	C & A				02/29/2016 14:00	02/29/2016 16:00
446024	TRAILER	Bulker	746024	TRACTOR	Tandem - Tractor	02/29/2016 14:00	02/29/2016 16:00
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>			
Johnson, Quintin (23945)	02/29/2016 14:00	02/29/2016 16:00					
Johnson, Jakob (30073)	02/29/2016 14:00	02/29/2016 16:00					
Pyfer, Kevin (29802)	02/29/2016 14:00	02/29/2016 16:00					

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	Feb 29,2016 14:00	Arrive On Location		--	--	--	--	0.00	
		Remarks: Arrived on time							
2	Feb 29,2016 14:10	Crew Briefing (Rig in)		--	--	--	--	0.00	
		Remarks: Talked about site hazards and how to mitigate them, spotted trucks and rigged in							
3	Feb 29,2016 14:30	Rig in Complete		--	--	--	--	0.00	
		Remarks: Gather for safety meeting							
4	Feb 29,2016 14:45	Crew Briefing (Pre Job)		--	--	--	--	0.00	
		Remarks: Talked about the job scope and safety concerns							
5	Feb 29,2016 14:58	Pressure Test Start	Water	1.00	20.0	--	1.00	1.00	
		Remarks: Filled lines for pressure testing							
6	Feb 29,2016 15:00	Pressure Test	Water	0.00	3,000.0	--	0.00	1.00	
		Remarks: Pressure tested lines							
7	Feb 29,2016 15:02	Pressure Test Complete		--	--	--	--	1.00	
		Remarks: Opened up to pump job							
8	Feb 29,2016 15:03	Establish Circulation	Water	0.50	2,000.0	--	2.00	3.00	
		Remarks: Pressured up							
9	Feb 29,2016 15:25	Stop		--	--	--	--	3.00	
		Remarks: Stopped Rigged off because could not pump into the well							
10	Feb 29,2016 15:30	Wash	Water	2.00	150.0	--	15.00	18.00	
		Remarks: Washed up mix side and did run backs							
11	Feb 29,2016 15:50	Job Complete		--	--	--	--	18.00	
		Remarks: Do complete walk around and check trucks and cleaned up lease							
12	Feb 29,2016 16:00	Leave Location		--	--	--	--	18.00	
		Remarks: Go Back to Sanjel Yard							
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									
64900									



Cementing Service Report

9210034

Client Name Anadarko Petroleum Corporation	Well Name Bluffs White W 5-1	Rig ECWS 7	Job Date March 01,2016	Call Sheet 1065397
Client Representative Mr. Dave Donoho	Surface Well Location NE NE Sec 5:T2N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Contreras, Bennie (23469)

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)
3.500	9.300	J-55	7,400.000	40.110	2.992	4.180	0.000	4,613.000
2.063	3.250	J-55	7,690.000	14.000	1.751	2.325	0.000	4,700.000

Products

Plug 1

From Depth (ft): 3872

To Depth (ft): 4700

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 35 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 7.2 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 72

+ 0.5 % of CFR-2 (Preblend),

+ 0.2 % of ASM-3 (Preblend),

+ 0.5 % of LWA (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

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

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201166	PICKUP	1 Ton				03/01/2016 09:00	03/01/2016 12:00
740067	BODY JOB	C & A				03/01/2016 09:00	03/01/2016 12:00
446024	TRAILER	Bulker	746024	TRACTOR	Tandem - Tractor	03/01/2016 09:00	03/01/2016 12:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Contreras, Bennie (23469)	03/01/2016 09:00	03/01/2016 12:00		
Devine, Richard (29733)	03/01/2016 09:00	03/01/2016 12:00		
Peterson, Ryan (28158)	03/01/2016 09:00	03/01/2016 12:00		

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 01,2016 09:00	Arrive On Location		--	--	--	--	0.00	
	Remarks: Arrived.								
2	Mar 01,2016 09:10	Crew Briefing (Rig in)		--	--	--	--	0.00	
	Remarks: STEACS								
3	Mar 01,2016 09:45	Rig in Complete		--	--	--	--	0.00	
	Remarks: Rig in complete.								
4	Mar 01,2016 09:50	Crew Briefing (Pre Job)		--	--	--	--	0.00	
	Remarks: Muster, 911 caller, Nearest med., Amb. and driver, Location safety equipt., Job scope.								
5	Mar 01,2016 10:23	Pressure Test Start	Water	--	3,000.0	--	--	0.00	
	Remarks: 3000 psi pressure test.								
6	Mar 01,2016 10:25	Pressure Test Complete		--	--	--	--	0.00	
	Remarks: Test complete.								
7	Mar 01,2016 10:26	Establish Circulation	Water	2.00	900.0	--	3.00	3.00	
	Remarks: 3 BBLs of water to establish circulation.								
8	Mar 01,2016 10:30	Batch Mix	0-1-0 G	4.00	200.0	--	7.20	3.00	
	Remarks: Batch mix 7.2 BBLs of cement @ 15.8 lb/gal..								
9	Mar 01,2016 10:51	Pump	0-1-0 G	2.00	1,700.0	--	7.20	10.20	
	Remarks: Pump 7.2 BBLs of cement @ 15.8 lb/gal scaled for accuracy.								
10	Mar 01,2016 10:55	Displace Fluid	Water	2.00	1,100.0	--	6.00	16.20	
	Remarks: Displace 6 BBLs of water to balance plug.								
11	Mar 01,2016 11:40	Rig Out		--	--	--	--	16.20	
	Remarks: Rig out.								
12	Mar 01,2016 11:50	Job Complete		--	--	--	--	16.20	
	Remarks: Job complete.								
13	Mar 01,2016 12:00	Leave Location		--	--	--	--	16.20	
	Remarks: Leave.								
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									
64920									



Cementing Service Report

9211040

Client Name Anadarko Petroleum Corporation	Well Name Bluffs White W 5-1	Rig ECWS 7	Job Date March 03,2016	Call Sheet 1065443
Client Representative Mr. Dave Donoho	Surface Well Location NE NE Sec 5:T2N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Svoboda, Miloslav (28226)

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)
10.000	--	540.000	1,220.000	--	--

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)
8.625	24.000	J-55	1,370.0	2,950.0	34.39	8.097	9.625	0.0	540.0

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	L & N-80	11,180.000	3.930	1.751	2.325	0.000	1,320.000

Products

Plug 1

From Depth (ft): 100

To Depth (ft): 1320

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 440 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 104 (bbl)

Water Temperature(°F) = 35 , Bulk Temperature(°F) = 35 , Slurry Temperature(°F) = 55

+ 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: --

Wellbore Fluid

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



9211040

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	449086	TRAILER	Utility Trailer	03/03/2016 10:30	03/03/2016 15:30
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	03/03/2016 10:30	03/03/2016 15:30
446169	TRAILER	Bulker	746169	TRACTOR	Tandem - Tractor	03/03/2016 10:30	03/03/2016 15:30
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>			<u>Second Start Shift</u>	<u>Second End Shift</u>	
Svoboda, Miloslav (28226)	03/03/2016 09:00	03/03/2016 19:30					
Barden, Sean (27711)	03/03/2016 09:00	03/03/2016 19:30					
DeGraffenried, Daniel (30718)	03/03/2016 09:00	03/03/2016 19:30					

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	Mar 03,2016 10:40	Arrive On Location		--	--	--	--	0.00
	Remarks: sing in							
2	Mar 03,2016 10:50	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Mar 03,2016 11:20	Rig in Complete		--	--	--	--	0.00
4	Mar 03,2016 11:45	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Mar 03,2016 12:00	Pressure Test Start	Water	2.00	3,000.0	--	2.00	2.00
6	Mar 03,2016 12:02	Pressure Test Complete		--	--	--	--	2.00
	Remarks: pressure held							
7	Mar 03,2016 12:03	Establish Circulation	Water	2.50	400.0	--	2.00	4.00
8	Mar 03,2016 12:04	Pump Preflush	Water	3.00	500.0	--	10.00	14.00
	Remarks: SAPP							
9	Mar 03,2016 12:07	Pump Spacer	Water	2.50	400.0	--	20.00	34.00
	Remarks: fresh							
10	Mar 03,2016 12:15	Mix Cement	0:1:0 Type III	2.50	500.0	--	104.00	138.00
11	Mar 03,2016 13:00	Displace Fluid	Water	2.50	500.0	--	1.50	139.50
	Remarks: fresh							
12	Mar 03,2016 13:02	Stop		--	--	--	--	139.50
	Remarks: open return							
13	Mar 03,2016 13:30	Wash	Water	--	--	--	--	139.50
	Remarks: wash pump							
14	Mar 03,2016 13:45	Rig Out		--	--	--	--	139.50
15	Mar 03,2016 14:00	Job Complete		--	--	--	--	139.50
16	Mar 03,2016 14:15	Pre-Departure Meeting		--	--	--	--	139.50
	Remarks: AAR							
17	Mar 03,2016 14:30	Leave Location		--	--	--	--	139.50
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								
64901								