Sanjel

Cementing Service Report

9208111

Client Name	Well Name	Rig	Job Date	Call Sheet
Anadarko Petroleum Corporation	Cannon Red W 3 - 15	Leed 721	October 19,2015	1061727
Client Representative	**Surface Well Location**	**Down Hole Well Location**	**Job Type**	**Lead Supervisior**
Mr. Larry Webb	SW SE Sec 3:T2N:R66W	Sec 0:T0N:R0W	Abandonment Plugs	Douglass, Brian (23898)

Sanjel

Cementing Service Report

9208111

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)
2.875	8.700		--	--	--	--	--	0.0	7,587.0
8.625	24.000		--	--	--	--	--	0.0	793.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
1.050	2.330		--	--	--	--	0.000	7,100.000

Products

Plug 1

From Depth (ft): 7100

To Depth (ft): 6017

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 20 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 5.37 (bbl)
Water Temperature(°F) = 55 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 78
+ 0.3 % of CFR-2 (Preblend),
+ 0.3 % of ASM-3 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 6017

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 29, 2014 06:51

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				10/19/2015 13:30	10/19/2015 15:45
740067	BODY JOB	C & A				10/19/2015 13:30	10/19/2015 15:45
446092	TRAILER	Bulker	746092	TRACTOR	Tandem - Tractor	10/19/2015 13:30	10/19/2015 15:45

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Douglass, Brian (23898)	10/19/2015 13:30	10/19/2015 15:45		
Curtner, Jerry (28310)	10/19/2015 13:30	10/19/2015 15:45		
Phillips, James (23627)	10/19/2015 13:30	10/19/2015 15:45		

Sanjel

Cementing Service Report

9208111

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	Oct 19,2015 13:30	Arrive On Location		--	--	--	--	0.00
2	Oct 19,2015 13:40	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Oct 19,2015 14:10	Rig in Complete		--	--	--	--	0.00
4	Oct 19,2015 14:15	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Oct 19,2015 14:35	Pressure Test Start		--	3,000.0	--	--	0.00
6	Oct 19,2015 14:37	Pressure Test Complete		--	--	--	--	0.00
7	Oct 19,2015 14:38	Pump Preflush	Water	2.00	1,800.0	--	4.00	0.00
8	Oct 19,2015 14:41	Pump	Thermal 35	1.50	2,000.0	--	5.37	0.00
	Remarks: WR: 6.23 Yield: 1.51 Density: 15.8							
9	Oct 19,2015 14:48	Displace Fluid	Water	1.50	2,100.0	--	11.20	0.00
10	Oct 19,2015 14:55	Rig Out		--	--	--	--	0.00
11	Oct 19,2015 15:20	Job Complete		--	--	--	--	0.00
12	Oct 19,2015 15:35	Pre-Departure Meeting		--	--	--	--	0.00
13	Oct 19,2015 15:45	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

Material Transfer Sheet Number

Material Transfer Sheet Number
63528

Sanjel

Cementing Service Report

9207925

Client Name	Well Name	Rig	Job Date	Call Sheet
Anadarko Petroleum Corporation	Cannon Red W 3 - 15	Leed 721	October 21,2015	1061770
Client Representative	**Surface Well Location**	**Down Hole Well Location**	**Job Type**	**Lead Supervisior**
Mr. Larry Webb	SW SE Sec 3:T2N:R66W	Sec 0:T0N:R0W	Abandonment Plugs	Schneider, Patrick (24093)

Sanjel

Cementing Service Report

9207925

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)
12.000	--	0.000	4,675.000	--	--

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	8.700	L & N-80	15,300.000	23.170	2.259	3.460	0.000	4,675.000

Products

Plug 1

From Depth (ft): 4339

To Depth (ft): 4675

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 230 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 47 (bbl)
Water Temperature(°F) = 57 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 60
+ 0.5 % of CFR-2 (Preblend),
+ 0.2 % of FMC (Preblend),
+ 0.5 % of LWA (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 4339

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 29, 2014 06:51

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201017	PICKUP	1 Ton				10/21/2015 10:00	10/21/2015 12:15
740067	BODY JOB	C & A				10/21/2015 10:00	10/21/2015 12:15
446092	TRAILER	Bulker	746092	TRACTOR	Tandem - Tractor	10/21/2015 10:00	10/21/2015 12:15

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Schneider, Patrick (24093)	10/21/2015 10:00	10/21/2015 12:15		
Johnson, Jakob (30073)	10/21/2015 10:00	10/21/2015 12:15		
Peterson, Ryan (28158)	10/21/2015 10:00	10/21/2015 12:15		
Phillips, James (23627)	10/21/2015 10:00	10/21/2015 12:15		

Sanjel

Cementing Service Report

9207925

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	Oct 21,2015 10:00	Arrive On Location		--	--	--	--	0.00
2	Oct 21,2015 10:05	Crew Briefing (Rig in)		--	--	--	--	0.00
	Remarks: discussed lease hazards and rig in procedures							
3	Oct 21,2015 10:20	Rig In		--	--	--	--	0.00
4	Oct 21,2015 10:30	Rig in Complete		--	--	--	--	0.00
5	Oct 21,2015 10:35	Crew Briefing (Pre Job)		--	--	--	--	0.00
	Remarks: discussed job scope and everyones dutys							
6	Oct 21,2015 10:52	Start - Fluid	Water	1.00	--	--	1.00	1.00
	Remarks: filled lines							
7	Oct 21,2015 10:53	Pressure Test Start	Water	--	3,000.0	--	--	1.00
8	Oct 21,2015 10:55	Pressure Test Complete	Water	--	0.0	--	--	1.00
	Remarks: good pressure test							
9	Oct 21,2015 10:55	Pump Preflush	Water	3.00	700.0	--	20.00	21.00
	Remarks: well seal							
10	Oct 21,2015 11:02	Pump Spacer	Water	3.00	700.0	--	10.00	31.00
	Remarks: fresh water spacer							
11	Oct 21,2015 11:06	Mix Cement	0-1-0 G	3.00	1,000.0	--	47.00	78.00
	Remarks: 230 sks plug cement @ 15.8 ppg yield = 1.15 h2o req = 4.98 total h2o = 27 bbl							
12	Oct 21,2015 11:15	N/A	0-1-0 G	--	--	--	--	78.00
	Remarks: mud scaled cement @ 15.8 ppg							
13	Oct 21,2015 11:22	Displace Fluid	Water	3.00	750.0	--	22.00	100.00
	Remarks: dispalced to balance							
14	Oct 21,2015 11:30	Balance Plug	Water	--	0.0	--	--	100.00
15	Oct 21,2015 11:35	Tailgate Meeting		--	--	--	--	100.00
	Remarks: revisited JSA							
16	Oct 21,2015 11:40	Rig Out		--	--	--	--	100.00
17	Oct 21,2015 11:50	Wash		--	--	--	--	100.00
18	Oct 21,2015 12:00	Job Complete		--	--	--	--	100.00
19	Oct 21,2015 12:10	Pre-Departure Meeting		--	--	--	--	100.00
20	Oct 21,2015 12:15	Leave Location		--	--	--	--	100.00

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

Material Transfer Sheet Number

Material Transfer Sheet Number
63551
63552

Sanjel

Cementing Service Report

9207828

Client Name	Well Name	Rig	Job Date	Call Sheet
Anadarko Petroleum Corporation	Cannon Red W 3 - 15	Leed 721	October 22,2015	1061779
Client Representative	**Surface Well Location**	**Down Hole Well Location**	**Job Type**	**Lead Supervisior**
Mr. Larry Webb	SW SE Sec 3:T2N:R66W	Sec 0:T0N:R0W	Abandonment Plugs	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)
10.000	40.000	1,380.000	791.000	--	--

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)
8.625	24.000		--	--	--	--	--	0.0	791.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.875	8.700		--	--	--	--	0.000	1,380.000

Products

Plug 1

From Depth (ft): 1380

To Depth (ft): 500

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 390 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 93 (bbl)
Water Temperature(°F) = 55 , Bulk Temperature(°F) = 45 , Slurry Temperature(°F) = 78
+ 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 LCL-7 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 500

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 29, 2014 06:51

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449083	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	10/22/2015 08:30	10/22/2015 12:15
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	10/22/2015 08:30	10/22/2015 12:15
446113	TRAILER	Bulker	746113	TRACTOR	Tandem - Tractor	10/22/2015 08:30	10/22/2015 12:15

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Douglass, Brian (23898)	10/22/2015 08:30	10/22/2015 12:15		
Dunsbergen, Scott (29737)	10/22/2015 08:30	10/22/2015 12:15		
Faircloth, Branden (29706)	10/22/2015 08:30	10/22/2015 12:15		

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	Oct 22,2015 08:30	Arrive On Location		--	--	--	--	0.00
2	Oct 22,2015 08:40	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Oct 22,2015 09:00	Rig in Complete		--	--	--	--	0.00
4	Oct 22,2015 09:30	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Oct 22,2015 09:55	Pressure Test Start		--	2,000.0	--	--	0.00
6	Oct 22,2015 09:57	Pressure Test Complete		--	--	--	--	0.00
7	Oct 22,2015 09:58	Pump Preflush	Water	3.00	400.0	--	5.00	5.00
8	Oct 22,2015 10:00	Pump Preflush	Water	3.00	250.0	--	10.00	15.00
	Remarks: with sapp							
9	Oct 22,2015 10:04	Pump Preflush	Water	3.00	300.0	--	10.00	25.00
10	Oct 22,2015 10:07	Pump	0:1:0 Type III	2.50	250.0	--	93.00	118.00
	Remarks: WR: 6.31 Yield: 1.33 Density: 14.8ppg Mix H20: 58.6							
11	Oct 22,2015 10:59	Displace Fluid	Water	1.00	25.0	--	1.50	119.50
12	Oct 22,2015 11:05	Rig Out		--	--	--	--	119.50
13	Oct 22,2015 11:45	Job Complete		--	--	--	--	119.50
14	Oct 22,2015 12:00	Pre-Departure Meeting		--	--	--	--	119.50
15	Oct 22,2015 12:15	Leave Location		--	--	--	--	119.50

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
63570
63552

Sanjel

Cementing Service Report

9206549

Client Name	Well Name	Rig	Job Date	Call Sheet
Anadarko Petroleum Corporation	Cannon Red W 3 - 15	Leed 721	October 23,2015	1061779
Client Representative	**Surface Well Location**	**Down Hole Well Location**	**Job Type**	**Lead Supervisior**
Mr. Larry Webb	SW SE Sec 3:T2N:R66W	Sec 0:T0N:R0W	Abandonment Plugs	Hansen, Kevin (27592)

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)
12.000	--	793.000	823.000	--	--

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)
8.625	24.000	J-55	1,370.0	2,950.0	50.50	8.097	9.625	0.0	793.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.875	8.700		--	--	--	--	--	--

Products

Plug 1

From Depth (ft): 599

To Depth (ft): 823

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 70 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 16.6 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 71
+ 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 LCL-7 (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 599

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 29, 2014 06:51

Sanjel

Cementing Service Report

9206549

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201401	PICKUP	1 Ton				10/23/2015 10:00	10/23/2015 13:00
746502	BODY JOB	Baby Bulker				10/23/2015 10:00	10/23/2015 13:00
740082	BODY JOB	C & A				10/23/2015 10:00	10/23/2015 13:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hansen, Kevin (27592)	10/23/2015 10:00	10/23/2015 13:00		
Pyfer, Kevin (29802)	10/23/2015 10:00	10/23/2015 13:00		
Barden, Sean (27711)	10/23/2015 10:00	10/23/2015 13:00		

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	Oct 23,2015 10:00	Arrive On Location		--	--	--	--	0.00
2	Oct 23,2015 10:10	Crew Briefing (Rig in)		--	--	--	--	0.00
	Remarks: Discussed spotting of trucks and filled out JSA							
3	Oct 23,2015 10:30	Rig in Complete		--	--	--	--	0.00
4	Oct 23,2015 10:45	Crew Briefing (Pre Job)		--	--	--	--	0.00
	Remarks: Discussed job and safety concerns with rig crew							
5	Oct 23,2015 11:05	Pressure Test Start		1.50	200.0	--	2.00	2.00
	Remarks: Filled lines for pressure test							
6	Oct 23,2015 11:09	Pressure Test Complete		--	2,000.0	--	--	2.00
	Remarks: Pressure test good							
7	Oct 23,2015 11:10	Establish Circulation	Water	2.00	400.0	--	3.00	5.00
8	Oct 23,2015 11:11	Mix Cement	0:1:0 Type III	2.00	400.0	--	16.60	21.60
	Remarks: D-14.8, Y-1.33, WR-6.31							
9	Oct 23,2015 11:14	Mix Cement		--	--	--	--	21.60
	Remarks: Weigh slurry to verify density							
10	Oct 23,2015 11:25	Displace Fluid	Water	2.00	200.0	--	2.00	23.60
11	Oct 23,2015 11:30	Job Complete		--	--	--	--	23.60
12	Oct 23,2015 11:35	Wash		--	--	--	--	23.60
13	Oct 23,2015 12:00	Rig Out		--	--	--	--	23.60
14	Oct 23,2015 12:45	Pre-Departure Meeting		--	--	--	--	23.60
	Remarks: Discussed journey management							
15	Oct 23,2015 13:00	Leave Location		--	--	--	--	23.60

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
63591