Sanjel

Pumping Service Report

9202387

Client Name	Well Name	Rig	Job Date	Call Sheet
Anadarko Petroleum Corporation	Dechant X19-5	Basic 1557	January 29,2015	1054426
Client Representative	**Surface Well Location**	**Down Hole Well Location**	**Job Type**	**Lead Supervisior**
Mr. Ronald Smith	SW NW Sec 19:T2N:R65W		Cement Misc.	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 (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)
4.500	11.600	J-55	4,960.0	5,350.0	120.84	4.000	5.000	0.0	7,775.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.375	4.700	J-55	8,100.000	30.060	1.995	2.910	0.000	7,775.000

Products

Plug 1

From Depth (ft): 6560.5

To Depth (ft): 7775

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 70 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 18.8 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60
+ 0.5 % of CFR-2 (Preblend),
+ 0.25 % of FMC (Preblend)

Plug 2

From Depth (ft): 4119.3

To Depth (ft): 4780

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 50 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 10.2 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60
+ 0.5 % of CFR-2 (Preblend),
+ 0.25 % of FMC (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	--	--	--	--	Oct 08, 2014 16:26

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Pumping Service Report

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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
449039	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	01/29/2015 11:00	01/29/2015 18:00
445026	TRAILER	SCM Twin	745026	TRACTOR	Tandem - Tractor	01/29/2015 11:00	01/29/2015 18:00
446113	TRAILER	Bulker	746113	TRACTOR	Tandem - Tractor	01/29/2015 11:00	01/29/2015 18:00
201253	PICKUP	1/2 Ton				01/29/2015 11:00	01/29/2015 18:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Johnson, Quintin (23945)	01/29/2015 11:00	01/29/2015 18:00		
Bailey, Steven (29186)	01/29/2015 11:00	01/29/2015 18:00		
Martinez, Fernando (28421)	01/29/2015 11:00	01/29/2015 18:00		
Hardwick, Waco (23203)	01/29/2015 11:00	01/29/2015 18:00		

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	Jan 29,2015 11:00	Arrive On Location		--	--	--	--	0.00
	Remarks: arrived on time							
2	Jan 29,2015 11:10	Tailgate Meeting		--	--	--	--	0.00
	Remarks: talked about spotting trucks							
3	Jan 29,2015 12:30	Crew Briefing (Rig in)		--	--	--	--	0.00
	Remarks: talked about site hazards and how to mitigate them							
4	Jan 29,2015 14:00	Rig In		--	--	--	--	0.00
	Remarks: rig in our trucks, 3rd party water and to the well							
5	Jan 29,2015 14:15	Rig in Complete		--	--	--	--	0.00
	Remarks: rig in done, gather up for JSA meeting							
6	Jan 29,2015 14:25	Crew Briefing (Pre Job)		--	--	--	--	0.00
	Remarks: talk about the job scope and safety concerns							
7	Jan 29,2015 14:26	Sign-off on Safety		--	--	--	--	0.00
	Remarks: signed their and our JSA							
8	Jan 29,2015 14:55	Pressure Test Start	Water	1.00	60.0	--	1.00	1.00
	Remarks: filled lines for pressure test							
9	Jan 29,2015 14:57	Pressure Test	Water	0.00	3,000.0	--	0.00	1.00
	Remarks: pressure tested and lines held							
10	Jan 29,2015 14:58	Pressure Test Complete		--	--	--	--	1.00
	Remarks: opened well to start job							
11	Jan 29,2015 15:02	Establish Circulation	Water	2.00	200.0	--	5.00	6.00
	Remarks: got good circulation							
12	Jan 29,2015 15:03	Mix Cement	Thermal 35	2.00	600.0	--	19.50	25.50
	Remarks: mixed slurry at 15.8							
13	Jan 29,2015 15:08	Pump Displacement	Water	3.00	17.0	--	24.90	50.40
	Remarks: brought plug to a balance							

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Pumping Service Report

9202387

Treatment Report

Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
14	Jan 29,2015 15:16	Stop		--	--	--	--	50.40
	Remarks: stop rig off for wash up							
15	Jan 29,2015 15:20	Wash	Water	2.00	150.0	--	10.00	60.40
	Remarks: wash mix side up							
16	Jan 29,2015 16:45	Start - Fluid	Water	1.00	60.0	--	1.00	1.00
	Remarks: filled lines for pressure test							
17	Jan 29,2015 16:47	Pressure Test	Water	0.00	3,000.0	--	0.00	1.00
	Remarks: pressured lines and the held good							
18	Jan 29,2015 16:49	Establish Circulation	Water	2.00	200.0	--	5.00	6.00
	Remarks: got good circulation							
19	Jan 29,2015 16:56	Mix Cement	0-1-0 G	2.00	500.0	--	10.20	16.20
	Remarks: mixed slurry at 15.8 (0-1-0 G)							
20	Jan 29,2015 17:03	Pump Displacement	Water	2.00	600.0	--	15.70	31.90
	Remarks: brought slurry to a balance							
21	Jan 29,2015 17:10	Stop		--	--	--	--	31.90
	Remarks: stop rig off for wash up							
22	Jan 29,2015 17:20	Wash	Water	2.00	150.0	--	15.00	46.90
	Remarks: washed mix side and did run backs							
23	Jan 29,2015 17:25	Rig Out		--	--	--	--	46.90
	Remarks: rig out our trucks and 3rd party water							
24	Jan 29,2015 18:00	Job Complete		--	--	--	--	60.40
	Remarks: do a complete walk around and check pins							
25	Jan 29,2015 18:05	Leave Location		--	--	--	--	60.40
	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
55467
55926

Sanjel

Pumping Service Report

9201525

Client Name	Well Name	Rig	Job Date	Call Sheet
Anadarko Petroleum Corporation	Dechant X19-5	Basic 1557	January 30,2015	1054497
Client Representative	**Surface Well Location**	**Down Hole Well Location**	**Job Type**	**Lead Supervisior**
Mr. Ronald Smith	SW NW Sec 19:T3N:R65W		Cement Misc.	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):	---	@	--

Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
8.500	40.000	989.000	1,500.000	--	--

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)
4.500	11.600		--	--	--	--	--	1,500.0	1,600.0
8.625	24.000		--	--	--	--	--	0.0	989.0

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
2.375	4.700		--	--	--	--	0.000	1,600.000

Products

Plug 1

From Depth (ft): 436

To Depth (ft): 1600

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 360 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 86 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70
+ 0.25 lb/sack of Polyflake (Preblend),
+ 0.5 % of CaCl2 (Preblend),
+ 0.3 % of CFR-2 (Preblend),
+ 0.3 % of CFL-3 (Preblend),
+ 0.4 % of CDF-4P (Preblend)

Fluid & Cement Data

Expected Cement Top: --

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Oct 08, 2014 16:26

Sanjel

Pumping Service Report

9201525

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	449039	TRAILER	Utility Trailer	01/30/2015 12:15	01/30/2015 17:15
445026	TRAILER	SCM Twin	745026	TRACTOR	Tandem - Tractor	01/30/2015 12:15	01/30/2015 17:15
446145	TRAILER	Bulker	746145	TRACTOR	Tandem - Tractor	01/30/2015 12:15	01/30/2015 17:15

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Lopez, Armando (29064)	01/30/2015 12:15	01/30/2015 17:15		
Morris, Theodore (26527)	01/30/2015 12:15	01/30/2015 17:15		
Bark, Eric (28944)	01/30/2015 12:15	01/30/2015 17:15		

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	Jan 30,2015 12:15	Arrive On Location		--	--	--	--	0.00
	Remarks: Company man requested cement crew on location at 1300 01-30-2015							
2	Jan 30,2015 12:20	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Jan 30,2015 13:00	Rig in Complete		--	--	--	--	0.00
4	Jan 30,2015 14:40	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Jan 30,2015 14:15	Start - Fluid	Water	2.00	2,500.0	--	1.00	1.00
	Remarks: Fill lines							
6	Jan 30,2015 15:12	Pressure Test Start		--	--	--	--	0.00
7	Jan 30,2015 15:14	Pressure Test Complete		--	--	--	--	0.00
8	Jan 30,2015 15:20	Pump Spacer	Water	3.50	500.0	--	10.00	11.00
	Remarks: SAPP							
9	Jan 30,2015 15:24	Pump Spacer	Water	2.00	380.0	--	10.00	21.00
10	Jan 30,2015 15:28	Mix Cement	0:1:0 Type III	3.50	500.0	--	87.00	108.00
	Remarks: Pumped 360 sacks Density 14.8 Yield 1.33 Water 6.31							
11	Jan 30,2015 16:00	Displace Fluid	Water	1.50	200.0	--	2.00	110.00
12	Jan 30,2015 16:02	Stop		--	--	--	--	0.00
13	Jan 30,2015 16:10	Wash		--	--	--	--	0.00
14	Jan 30,2015 16:40	Rig Out		--	--	--	--	0.00
15	Jan 30,2015 17:00	Job Complete		--	--	--	--	0.00
16	Jan 30,2015 17:05	Pre-Departure Meeting		--	--	--	--	0.00
17	Jan 30,2015 17:15	Leave Location		--	--	--	--	0.00

Did Float Hold: Not Applicable

Fluid Returns : Yes

Type : Mud

Volume (bbl) : 110

Temperature (°F) : 70

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
55701