Sanjel

Pumping Service Report

9201410

Client Name	Well Name	Rig	Job Date	Call Sheet
Anadarko Petroleum Corporation	Opatril 12-9L	Concord Well Servicing 3	January 22,2015	1054005
Client Representative	**Surface Well Location**	**Down Hole Well Location**	**Job Type**	**Lead Supervisior**
Mr. Rigo Cintora	NE SE Sec 12:T3N:R67W		Abandonment Plugs	Prigmore, Dominic (27161)

Sanjel

Pumping Service Report

9201410

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	32.67	8.097	9.625	0.0	513.0
4.500	11.600	J-55	4,960.0	5,350.0	115.18	4.000	5.000	0.0	7,411.0

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	26.790	1.995	2.910	0.000	6,930.000

Products

Plug 1

From Depth (ft): 6450

To Depth (ft): 6930

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) = 49 , Bulk Temperature(°F) = 49 , Slurry Temperature(°F) = 59
+ 0.3 % of CFR-2 (Preblend),
+ 0.3 % of ASM-3 (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 14:34

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201273	PICKUP	3/4 Ton				01/22/2015 15:15	01/22/2015 18:00
740004	BODY JOB	C & A				01/22/2015 15:15	01/22/2015 18:00
746502	BODY JOB	Baby Bulker				01/22/2015 15:15	01/22/2015 18:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Prigmore, Dominic (27161)	01/22/2015 15:15	01/22/2015 18:00		
Cheal, Samuel (28315)	01/22/2015 15:15	01/22/2015 18:00		
Hall, Austin (28887)	01/22/2015 15:15	01/22/2015 18:00		
Welch, Steven (30076)	01/22/2015 15:15	01/22/2015 18:00		

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Pumping Service Report

9201410

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 22,2015 15:15	Arrive On Location		--	--	--	--	0.00
2	Jan 22,2015 15:25	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Jan 22,2015 15:45	Rig in Complete		--	--	--	--	0.00
4	Jan 22,2015 16:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Jan 22,2015 16:17	Start - Fluid	Water	1.50	250.0	--	3.00	3.00
	Remarks: Filled lines. primed up							
6	Jan 22,2015 16:18	Pressure Test Start	Water	--	3,500.0	--	1.00	4.00
7	Jan 22,2015 16:20	Pressure Test Complete	Water	--	--	--	--	4.00
8	Jan 22,2015 16:26	Establish Circulation	Water	4.00	5.0	--	5.00	9.00
9	Jan 22,2015 16:47	Mix Cement	Thermal 35	3.00	300.0	--	6.70	15.70
	Remarks: density 15.8							
10	Jan 22,2015 16:49	Displace Fluid	Water	3.00	100.0	--	25.00	40.70
	Remarks: displaced to balance.							
11	Jan 22,2015 17:03	Job Complete		--	--	--	--	40.70
12	Jan 22,2015 17:40	Leave Location		--	--	--	--	40.70

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
55225

Sanjel

Pumping Service Report

9193241

Client Name	Well Name	Rig	Job Date	Call Sheet
Anadarko Petroleum Corporation	Opatril 12-9L	Concord Well Servicing 3	January 23,2015	1054050
Client Representative	**Surface Well Location**	**Down Hole Well Location**	**Job Type**	**Lead Supervisior**
Mr. Rigo Cintora	NE SE Sec 12:T3N:R67W		Abandonment Plugs	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): --- @ --

Open Hole

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
11.000	--	513.000	4,500.000	--	--

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)
8.625	24.000	J-55	1,370.0	2,950.0	32.67	8.097	9.625	0.0	513.0
4.500	11.600	J-55	4,960.0	5,350.0	115.18	4.000	5.000	0.0	7,411.0
4.500	11.600	J-55	4,960.0	5,350.0	99.80	4.000	5.000	990.0	7,411.0

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	15.710	1.995	2.910	0.000	4,064.000
2.375	4.700	J-55	8,100.000	4.210	1.995	2.910	0.000	1,090.000

Products

Plug 1

From Depth (ft): 3871

To Depth (ft): 4500

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 320 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 65.5 (bbl)
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 67
+ 0.5 % of CFR-2 (Preblend),
+ 0.25 % of FMC (Preblend),
+ 0.5 % of LWA (Preblend)

Plug 2

From Depth (ft): 297

To Depth (ft): 1090

Plug Type : Abandonment

Acids/Blends/Fluids :

Plug: 350 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 82.9 (bbl)
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 68
+ 0.5 % of CaCl2 (Preblend),
+ 0.3 % of CFL-3 (Preblend),
+ 0.3 % of CFR-2 (Preblend),
+ 0.4 % of CDF-4P (Preblend),
+ 0.25 lb/sack of Polyflake (Preblend)

Sanjel

Pumping Service Report

9193241

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 14:34

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Cement Retainer	4,064.000	Third Party

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201273	PICKUP	3/4 Ton				01/23/2015 09:30	01/23/2015 18:30
745051	TRACTOR	Tandem - Tractor				01/23/2015 09:30	01/23/2015 18:30
446024	TRAILER	Bulker	746024	TRACTOR	Tandem - Tractor	01/23/2015 09:30	01/23/2015 18:30
446145	TRAILER	Bulker	746089	TRACTOR	Tandem - Tractor	01/23/2015 09:30	01/23/2015 18:30
200918	PICKUP	3/4 Ton				01/23/2015 09:30	01/23/2015 18:30

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Contreras, Bennie (23469)	01/23/2015 09:30	01/23/2015 18:30		
Barden, Sean (27711)	01/23/2015 09:30	01/23/2015 18:30		
Paiu, Vladislav (28091)	01/23/2015 09:30	01/23/2015 18:30		
Faircloth, Branden (29706)	01/23/2015 09:30	01/23/2015 18:30		
Schroeder, Stephen (25442)	01/23/2015 09:30	01/23/2015 18:30		

Treatment Reports & Remarks

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 23,2015 09:30	Arrive On Location		--	--	--	--	0.00
	Remarks: Arrived.							
2	Jan 23,2015 09:40	Crew Briefing (Rig in)		--	--	--	--	0.00
	Remarks: Talked about spotting trucks and rigging in.							
3	Jan 23,2015 10:05	Rig in Complete		--	--	--	--	0.00
	Remarks: Rig in complete.							
4	Jan 23,2015 10:30	Crew Briefing (Pre Job)		--	--	--	--	0.00
	Remarks: Muster, 911 caller, Nearest med., Amb. and driver, Location safety equipt., Job scope.							
5	Jan 23,2015 11:23	Pressure Test Start	Water	--	4,000.0	--	--	0.00
	Remarks: Pressure test 4000 psi.							
6	Jan 23,2015 11:24	Pressure Test Complete		--	--	--	--	0.00
	Remarks: Pressure test complete.							
7	Jan 23,2015 11:24	Establish Circulation	Water	3.00	1,000.0	--	5.00	5.00
	Remarks: 5 BBLs establish circulation.							
8	Jan 23,2015 11:26	Pump Preflush	Water	3.00	1,050.0	--	20.00	25.00
	Remarks: 20 BBLs of SMS.							
9	Jan 23,2015 11:33	Pump Spacer	Water	1.00	1,000.0	--	5.00	30.00
	Remarks: 5 BBL fresh water spacer.							
10	Jan 23,2015 11:36	Mix Cement	0-1-0 G	3.00	1,000.0	--	65.50	95.50
	Remarks: 65.5 BBLs of cement @ 15.8 lb/gal.							
11	Jan 23,2015 11:57	Displace Fluid	Water	3.00	1,000.0	--	12.70	108.20
	Remarks: 12.7 BBLs of water for displacement leaving 3 BBLs cement on top of retainer.							
12	Jan 23,2015 16:52	Pressure Test	Water	--	2,000.0	--	--	108.20
	Remarks: Pressure test 2000 psi.							
13	Jan 23,2015 16:54	Establish Circulation	Water	2.00	175.0	--	5.00	113.20
	Remarks: 5 BBLs of water establish circulation.							
14	Jan 23,2015 16:58	Pump Preflush	Water	2.00	150.0	--	10.00	123.20
	Remarks: 10 BBLs of SAPP.							
15	Jan 23,2015 17:03	Mix Cement	0:1:0 Type III	3.40	550.0	--	82.90	206.10
	Remarks: 82.9 BBLs of cement @ 14.8 lb/gal..							
16	Jan 23,2015 17:29	Displace Fluid	Water	1.00	300.0	--	1.00	207.10
	Remarks: Displace 1 BBL of water.							
17	Jan 23,2015 18:00	Rig Out		--	--	--	--	207.10
	Remarks: Rig down hoses and iron.							
18	Jan 23,2015 18:15	Job Complete		--	--	--	--	207.10
	Remarks: Job complete.							
19	Jan 23,2015 18:30	Leave Location		--	--	--	--	207.10
	Remarks: Leave.							

Treatment Reports & Remarks

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
55231
55227
55232
55228