



Pumping Service Report

9201432

Client Name Anadarko Petroleum Corporation	Well Name Saint Acacius 29-35	Rig Ensign Drilling Inc. 328	Job Date January 14, 2015	Call Sheet 1053404
Client Representative Mr. Nick Lang	Surface Well Location SW NW Sec 35:T3N:R68W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Laeger, Kacey (25046)

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)
10.500	--	0.000	895.000	--	--

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)
4.500	11.600	J-55	4,960.0	5,350.0	25.26	4.000	5.000	0.0	1,625.0
8.625	24.000	J-55	1,370.0	2,950.0	57.00	8.097	9.625	0.0	895.0

Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
1.660	2.330	J-55	8,490.000	3.010	1.380	1.880	0.000	1,625.000

Products

Plug 1

From Depth (ft): 795

To Depth (ft): 1625

Plug Type : N/A

Acids/Blends/Fluids :

Tail: 155 Sacks of Control Set C, Density = 13.5 lb/gal, Volume Pumped = 48 (bbl)
Water Temperature(°F) = 45 , Bulk Temperature(°F) = 30 , Slurry Temperature(°F) = 40
+ 2 % of Gypsum (Preblend),
+ 2 % of CaCl2 (Preblend),
+ 2 % of SMS (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 795

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Aug 24, 2014 17:22



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9201432

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>
201025	PICKUP	1 Ton				01/14/2015 08:00	01/14/2015 12:50
740004	BODY JOB	C & A				01/14/2015 08:00	01/14/2015 12:50
446092	TRAILER	Bulker	746092	TRACTOR	Tandem - Tractor	01/14/2015 08:00	01/14/2015 12:50

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Laeger, Kacey (25046)	01/14/2015 08:00	01/14/2015 12:50		
Curtner, Jerry (28310)	01/14/2015 08:00	01/14/2015 12:50		
Phillips, James (23627)	01/14/2015 08:00	01/14/2015 12:50		

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 14,2015 08:00	Arrive On Location		--	--	--	--	0.00
2	Jan 14,2015 08:05	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: Held						
3	Jan 14,2015 08:30	Rig in Complete		--	--	--	--	0.00
4	Jan 14,2015 09:30	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: Held						
5	Jan 14,2015 09:30	Wait on Client (non Sanjel)		--	--	--	--	0.00
		Remarks: Wait on rig to get mud						
6	Jan 14,2015 11:20	Pressure Test Start	Water	1.00	20.0	--	1.00	1.00
		Remarks: Filled lines						
7	Jan 14,2015 11:23	Pressure Test Complete	Water	--	2,000.0	--	--	1.00
		Remarks: Lines held good						
8	Jan 14,2015 11:24	Pump Preflush	Water	1.80	600.0	--	10.00	11.00
		Remarks: Fresh water spacer						
9	Jan 14,2015 11:29	Mix Cement	Control Set C	1.80	600.0	--	48.50	59.50
		Remarks: 155sks of control set C at 13.5 lb/gal						
10	Jan 14,2015 11:54	Displace Fluid	Water	1.00	40.0	--	0.50	60.00
		Remarks: Boost only						
11	Jan 14,2015 11:56	Balance Plug		--	--	--	--	60.00
12	Jan 14,2015 11:56	Job Complete		--	--	--	--	60.00
13	Jan 14,2015 12:00	Wash	Water	--	--	--	20.00	60.00
		Remarks: Wash pump unit						
14	Jan 14,2015 12:15	Tailgate Meeting		--	--	--	--	60.00
		Remarks: Revist JSA						
15	Jan 14,2015 12:25	Rig Out		--	--	--	--	60.00
16	Jan 14,2015 12:40	Pre-Departure Meeting		--	--	--	--	60.00
		Remarks: Held						
17	Jan 14,2015 12:50	Leave Location		--	--	--	--	60.00

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

55086

55085