



**Pumping
Service Report**

9189498

Client Name Anadarko Petroleum Corporation	Well Name Reynolds 8-23	Job Date April 24, 2014	Call Sheet 1041448
Client Representative Larry Webb	Location SW NE Sec 23:T3N:R68W	Job Type Abandonment Plugs	Rig Basic 1549

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)
4.500	11.600	J-55	4,960.0	5,350.0	23.31	4.000	5.000	0.0	1,500.0

Products

Plug 1

From Depth (ft):
To Depth (ft):
Plug Type : Abandonment
Acids/Blends/Fluids :
Plug: 200 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 52 (bbl)
+ 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	--	8.340	--	--	Apr 21, 2014 13:00

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
200913	PICKUP	3/4 Ton				04/24/2014 08:30	04/24/2014 11:00
740004	BODY JOB	C & A				04/24/2014 08:30	04/24/2014 11:00
446047	TRAILER	Bulker	746047	TRACTOR	Tandem - Tractor	04/24/2014 08:30	04/24/2014 11:00
200913	PICKUP	3/4 Ton				04/24/2014 08:30	04/24/2014 11:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Bell, Wesley	04/24/2014 08:30	04/24/2014 11:00		
Keeton, Derek	04/24/2014 08:30	04/24/2014 11:00		
Felton, Charles	04/24/2014 08:30	04/24/2014 11:00		
Coronado, Sebastian	04/24/2014 08:30	04/24/2014 11:00		
Graves, Douglas	04/24/2014 08:30	04/24/2014 11:00		



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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	Apr 24,2014 08:30	Arrive On Location	---	--	--	--	--	0.00
2	Apr 24,2014 08:35	Tailgate Meeting	---	--	--	--	--	0.00
3	Apr 24,2014 08:40	Rig In	---	--	--	--	--	0.00
4	Apr 24,2014 09:10	Safety Meeting	---	--	--	--	--	0.00
5	Apr 24,2014 09:13	Sign-off on Safety	---	--	--	--	--	0.00
6	Apr 24,2014 09:20	JSA	---	--	--	--	--	0.00
Remarks: 9 people on location								
7	Apr 24,2014 09:38	Pressure Test Lines	Water	0.00	4,500.0	0.0	0.00	0.00
Remarks: lines held								
8	Apr 24,2014 09:40	Establish Circulation	Water	2.00	200.0	0.0	7.00	7.00
9	Apr 24,2014 09:43	Jet Mix	0:1:0 Type III	3.00	200.0	0.0	52.00	59.00
Remarks: density 14.2ppg, yield: 1.46, wr: 7.32gal/sk								
10	Apr 24,2014 09:56	Drop Plug	Water	0.00	0.0	0.0	0.00	59.00
Remarks: shut down, pull pin								
11	Apr 24,2014 09:58	Displace Plug	Water	2.00	200.0	0.0	18.50	77.50
Remarks: displace plug								
12	Apr 24,2014 10:03	Hold Back Pressure	Water	2.00	1,900.0	0.0	3.00	80.50
Remarks: Shut in Casing valve build pressure								
13	Apr 24,2014 10:05	Finish Displacement	Water	0.00	1,800.0	0.0	0.00	80.50
14	Apr 24,2014 10:07	Shut In-Well	Water	0.00	1,380.0	0.0	0.00	80.50
Remarks: 0								
15	Apr 24,2014 10:10	Wash	Water	--	--	--	--	80.50
Remarks: wash truck to pit								
16	Apr 24,2014 10:19	Rig Out	---	--	--	--	--	80.50
17	Apr 24,2014 10:23	Pre-Departure Meeting	---	--	--	--	--	80.50
18	Apr 24,2014 10:45	Leave Location	---	--	--	--	--	80.50
19	Apr 24,2014 10:50	Job Complete	---	--	--	--	--	80.50

Did Float Hold: Not Applicable
 Fluid Returns : Yes
 Type : Water
 Volume (bbl) : 77.5
 Temperature (°F) : 50
 FDAS Functioning Correctly : Yes
 Was the Program Followed As Per Design? : No
 No program generated.

Material Transfer Sheet Number
Material Transfer Sheet Number
 9973



**Pumping
Service Report**

9190897

Client Name Anadarko Petroleum Corporation	Well Name Reynolds 8-23	Job Date April 29, 2014	Call Sheet 1041559
Client Representative Larry Webb	Location SW NE Sec 23:T3N:R68W	Job Type Abandonment Plugs	Rig Basic 1549

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	23.31	4.000	5.000	0.0	1,500.0

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	5.880	1.995	2.910	0.000	1,520.000

Products

Plug 1

From Depth (ft): 1520
 To Depth (ft): 1190
 Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 25 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 5.1 (bbl)
 Water Temperature(°F) = 40 , Bulk Temperature(°F) = 40 , Slurry Temperature(°F) = 50

Fluid & Cement Data

Expected Cement Top: Depth (ft): 1190

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Apr 21, 2014 13:00



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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>
200868	PICKUP	3/4 Ton				04/29/2014 06:45	04/29/2014 09:40
200913	PICKUP	3/4 Ton				04/29/2014 06:45	04/29/2014 09:40
746502	BODY JOB	Baby Bulker				04/29/2014 06:45	04/29/2014 09:40
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	04/29/2014 06:45	04/29/2014 09:40

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew	04/29/2014 06:45	04/29/2014 09:40		
Bell, Wesley	04/29/2014 06:45	04/29/2014 09:40		
Cheal, Samuel	04/29/2014 06:45	04/29/2014 09:40		
Keeton, Derek	04/29/2014 06:45	04/29/2014 09:40		

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	Apr 29,2014 06:45	Arrive On Location	---	--	--	--	--	0.00
2	Apr 29,2014 06:49	Tailgate Meeting	---	--	--	--	--	0.00
3	Apr 29,2014 06:55	Rig In	---	--	--	--	--	0.00
4	Apr 29,2014 07:30	Safety Meeting	---	--	0.0	0.0	--	0.00
5	Apr 29,2014 07:35	Sign-off on Safety	---	--	--	--	--	0.00
6	Apr 29,2014 07:40	JSA	---	--	--	--	--	0.00
Remarks: 10people in meeting, talked slips and trips								
7	Apr 29,2014 07:57	Pressure Test Lines	Water	0.30	2,000.0	0.0	0.50	0.50
Remarks: lines held								
8	Apr 29,2014 07:59	Establish Circulation	Water	2.00	100.0	0.0	5.00	5.50
Remarks: Circulation after 1bbl								
9	Apr 29,2014 08:02	Mix Cement	0-1-0 G	--	--	--	--	5.50
Remarks: mix up 5.1bbl at 15.8ppg in mix tank								
10	Apr 29,2014 08:07	Pump	0-1-0 G	2.00	150.0	0.0	5.10	10.60
Remarks: pumped off cement at 15.8ppg								
11	Apr 29,2014 08:09	Displace Plug	Water	2.00	10.0	0.0	4.40	15.00
12	Apr 29,2014 08:12	Balance Plug	Water	0.00	0.0	0.0	0.00	15.00
Remarks: plug balanced, no tubing								
13	Apr 29,2014 08:14	Pull Pipe	---	--	--	--	--	15.00
14	Apr 29,2014 08:39	Squeeze	Water	0.40	1,500.0	0.0	0.75	15.75
Remarks: squeeze down 4.5" casing valve.								
15	Apr 29,2014 08:42	Hesitate	---	0.00	1,470.0	0.0	0.00	15.75
Remarks: waited 15minutes								
16	Apr 29,2014 08:55	Shut In-Well	Water	0.20	1,550.0	0.0	0.10	15.85
Remarks: bumped pressure up to 1550 and shut in well								
17	Apr 29,2014 09:00	Wash	Water	--	--	--	--	15.85
Remarks: wash truck to rig tank								
18	Apr 29,2014 09:20	Rig Out	---	--	--	--	--	15.85
19	Apr 29,2014 09:30	Pre-Departure Meeting	---	--	--	--	--	15.85
20	Apr 29,2014 09:40	Leave Location	---	0.00	0.0	0.0	0.00	15.85
Remarks: 0								
21	Apr 29,2014 09:41	Job Complete	---	--	--	--	--	15.85

Did Float Hold: Not Applicable
 Fluid Returns: Yes
 Type: Water
 Volume (bbl): 14.5
 Temperature (°F): 40
 FDAS Functioning Correctly: Yes
 Was the Program Followed As Per Design?: No
 No program generated.

Material Transfer Sheet Number

Material Transfer Sheet Number

9997