



**Pumping
Service Report**

9193712

Client Name Anadarko Petroleum Corporation	Well Name State 16-13J7	Rig Concord Well Servicing 3	Job Date July 29,2014	Call Sheet 1044764
Client Representative Mr. Rigo Cintora	Surface Well Location SE SW Sec 16:T3N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	

Well Profile

Maximum Treating Pressure (psi):	---
Predicted Bottom Hole Static Temperature (°F):	--- @ --
Bottom Hole Circulating Temperature (°F):	--- @ --
Bottom Hole Logged Temperature (°F):	--- @ --

Tubing

Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)
3.500	7.700	J-55	--	66.020	--	--	0.000	7,220.000
2.063	3.250	J-55	--	21.500	--	--	0.000	7,220.000

Products

Plug 1

From Depth (ft): 6487
 To Depth (ft): 7220
 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) = 65 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 71
 + 0.5 % of CFR-2 (Preblend),
 + 0.25 % of FMC (Preblend)

Fluid & Cement Data

Expected Cement Top: Depth (ft): 6487

Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jul 28, 2014 21:51

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201274	PICKUP	3/4 Ton				07/29/2014 07:30	07/29/2014 10:00
740069	BODY JOB	C & A				07/29/2014 07:30	07/29/2014 10:00
746506	BODY JOB	Baby Bulker				07/29/2014 07:30	07/29/2014 10:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Schneider, Patrick	07/29/2014 07:30	07/29/2014 10:00		
Laeger, Kacey	07/29/2014 07:30	07/29/2014 10:00		
Curtner, Jerry	07/29/2014 07:30	07/29/2014 10:00		
Paiu, Corneliu	07/29/2014 07:30	07/29/2014 10:00		



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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	Jul 29,2014 07:00	Arrive On Location	---	--	--	--	--	0.00
2	Jul 29,2014 07:15	Tailgate Meeting	---	--	--	--	--	0.00
3	Jul 29,2014 07:30	Rig In	---	--	--	--	--	0.00
4	Jul 29,2014 07:45	Safety Meeting	---	--	--	--	--	0.00
5	Jul 29,2014 08:15	Sign-off on Safety	---	--	--	--	--	0.00
6	Jul 29,2014 08:34	Pressure Test Lines	Water	--	2,000.0	--	--	0.00
Remarks: good pressure test								
7	Jul 29,2014 08:36	Establish Circulation	Water	2.00	700.0	--	2.00	2.00
8	Jul 29,2014 08:38	Mix Cement	Thermal 35	2.00	800.0	--	6.70	8.70
Remarks: tail cement @ 15.8 ppg yield = 1.51 h2o req = 6.08								
9	Jul 29,2014 08:42	Displace Fluid	Water	1.50	700.0	--	19.00	27.70
Remarks: displaced to balance								
10	Jul 29,2014 08:57	Balance Plug	---	--	--	--	--	27.70
11	Jul 29,2014 09:00	Rig Out	---	--	--	--	--	0.00
12	Jul 29,2014 09:30	Job Complete	---	--	--	--	--	0.00
13	Jul 29,2014 09:45	Pre-Departure Meeting	---	--	--	--	--	0.00
14	Jul 29,2014 10:00	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
 9764



**Pumping
Service Report**

9191948

Client Name Anadarko Petroleum Corporation	Well Name State 16-13 J7	Rig Concord Well Servicing 3	Job Date July 30, 2014	Call Sheet 1044815
Client Representative Mr. Rigo Cintora	Surface Well Location SE SW Sec 16:T3N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	

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						
	<u>Size (in)</u>	<u>Excess (%)</u>	<u>TMD From (ft)</u>	<u>TMD To (ft)</u>	<u>TVD From (ft)</u>	<u>TVD To (ft)</u>
	7.000	0.000	0.000	4,300.000	--	--

Tubing										
	<u>Size</u>	<u>Weight</u>	<u>Grade</u>		<u>Collapse Pressure</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth From</u>	<u>Depth To</u>
	(in)	(lb/ft)			(psi)	(bbl)	(in)	(in)	(ft)	(ft)
	2.063	0.000	J-55		--	--	--	--	0.000	4,300.000

Products

Plug 1	
From Depth (ft):	3783
To Depth (ft):	4300
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Tail: 120 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 24.57 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80	
+ 0.5 % of CFR-2 (Preblend),	
+ 0.25 % of FMC (Preblend),	
+ 0.5 % of LWA (Preblend),	
+ 0.25 % of Polyflake (Preblend)	

Fluid & Cement Data

Expected Cement Top:	--				
Wellbore Fluid					
<u>Fluid Type</u>	<u>Viscosity (cP)</u>	<u>Density (lbs/gal)</u>	<u>Yield Point (psi)</u>	<u>Temperature (°F)</u>	<u>Recorded@</u>
Water	--	--	--	--	Jul 18, 2014 09:56



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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
201191	PICKUP	1 Ton	449086	TRAILER	Utility Trailer	07/30/2014 06:30	07/30/2014 12:30
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	07/30/2014 06:30	07/30/2014 12:30
746506	BODY JOB	Baby Bulker				07/30/2014 06:30	07/30/2014 12:30

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hall, Andrew J	07/30/2014 06:30	07/30/2014 12:30		
Morris, Theodore	07/30/2014 06:30	07/30/2014 12:30		
Hall, Austin	07/30/2014 06:30	07/30/2014 12:30		
Estrada, John	07/30/2014 06:30	07/30/2014 12:30		

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	Jul 30,2014 06:30	Arrive On Location	---	--	--	--	--	0.00
2	Jul 30,2014 06:45	Tailgate Meeting	---	--	--	--	--	0.00
3	Jul 30,2014 07:45	Rig In	---	--	--	--	--	0.00
4	Jul 30,2014 09:00	Safety Meeting	---	--	--	--	--	0.00
5	Jul 30,2014 09:30	Sign-off on Safety	---	--	--	--	--	0.00
6	Jul 30,2014 09:40	Pressure Test	Water	1.00	2,500.0	--	3.00	3.00
7	Jul 30,2014 09:45	Pump Preflush	Water	2.00	350.0	--	20.00	23.00
		Remarks: SMS						
8	Jul 30,2014 09:55	Pump Spacer	Water	2.00	350.0	--	5.00	28.00
9	Jul 30,2014 10:00	Pump	0-1-0 G	2.00	400.0	--	24.57	52.57
10	Jul 30,2014 10:10	Displace Fluid	Water	2.00	500.0	--	12.80	65.37
11	Jul 30,2014 10:30	Wash	Water	1.50	22.0	--	20.00	85.37
12	Jul 30,2014 11:15	Rig Out	---	--	--	--	--	85.37
13	Jul 30,2014 12:00	Job Complete	---	--	--	--	--	85.37
14	Jul 30,2014 12:15	Pre-Departure Meeting	---	--	--	--	--	85.37
15	Jul 30,2014 12:30	Leave Location	---	--	--	--	--	85.37

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

9780



**Pumping
Service Report**

9191949

Client Name Anadarko Petroleum Corporation	Well Name State 16-13 J7	Rig Concord Well Servicing 3	Job Date July 31,2014	Call Sheet 1044861
Client Representative Mr. Rigo Cintora	Surface Well Location SE SW Sec 16:T3N:R67W	Down Hole Well Location	Job Type Abandonment Plugs	

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)	
7.000	0.000	0.000	900.000	--	--	

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	J-55	4,960.0	5,350.0	6.22	4.000	5.000	0.0	400.0	

Tubing										
Size (in)	Weight (lb/ft)	Grade	Collapse Pressure (psi)	Capacity (bbl)	I.D. (in)	O.D. (in)	Depth From (ft)	Depth To (ft)		
2.063	2.000	J-55	--	--	--	--	0.000	900.000		

Products

Plug 1	
From Depth (ft):	200
To Depth (ft):	900
Plug Type :	Abandonment
Acids/Blends/Fluids :	
Tail: 140 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 33.16 (bbl)	
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 80	
+ 0.25 lb/sack of Polyflake (Preblend),	
+ 0.5 % of CaCl2 (Preblend),	
+ 0.3 % of CFR-2 (Preblend),	
+ 0.3 % of CFL-3 (Preblend)	

Fluid & Cement Data

Expected Cement Top:	--				
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jul 18, 2014 09:56



**Pumping
Service Report**

9191949

Units & Personnel

Units							
Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201191	PICKUP	1 Ton	449086	TRAILER	Utility Trailer	07/31/2014 06:30	07/31/2014 10:45
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	07/31/2014 06:30	07/31/2014 10:45
446173	TRAILER	Bulker	746173	TRACTOR	Tandem - Tractor	07/31/2014 06:30	07/31/2014 10:45

Crew and Bonuses				
Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hall, Andrew J	07/31/2014 06:30	07/31/2014 10:45		
Morris, Theodore	07/31/2014 06:30	07/31/2014 10:45		
Davila, Israel	07/31/2014 06:30	07/31/2014 10:45		
Hall, Austin	07/31/2014 06:30	07/31/2014 10:45		

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	Jul 31, 2014 06:30	Arrive On Location	---	--	--	--	--	0.00	
2	Jul 31, 2014 06:45	Tailgate Meeting	---	--	--	--	--	0.00	
3	Jul 31, 2014 07:45	Rig In	---	--	--	--	--	0.00	
4	Jul 31, 2014 08:20	Safety Meeting	---	--	--	--	--	0.00	
5	Jul 31, 2014 08:25	Sign-off on Safety	---	--	--	--	--	0.00	
6	Jul 31, 2014 08:30	Pressure Test	Water	1.00	1,500.0	--	3.00	3.00	
7	Jul 31, 2014 08:38	Pump	0:1:0 Type III	2.00	150.0	--	33.16	36.16	
8	Jul 31, 2014 09:03	Displace Fluid	Water	2.00	200.0	--	1.50	37.66	
9	Jul 31, 2014 09:15	Wash	Water	2.00	22.0	--	20.00	57.66	
10	Jul 31, 2014 09:45	Rig Out	---	--	--	--	--	57.66	
11	Jul 31, 2014 10:15	Job Complete	---	--	--	--	--	57.66	
12	Jul 31, 2014 10:30	Pre-Departure Meeting	---	--	--	--	--	57.66	
13	Jul 31, 2014 10:45	Leave Location	---	--	--	--	--	57.66	

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
 9787