

Client Name Anadarko Petroleum Corporation	Well Name State L 16 - 3	Rig Concord Well Servicing 5	Job Date January 29, 2016	Call Sheet 1064432
Client Representative Mr. Rodrigo Vierra	Surface Well Location NE NW Sec 16:T3N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Doran, Benjamin (27933)

#### 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	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)
2.875	6.500		--	--	--	--	--	0.0	7,290.0

#### 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	2.300	J-55	--	13.480	--	--	0.000	7,285.000

#### Products

##### Plug 1

From Depth (ft): 6357  
 To Depth (ft): 7290  
 Plug Type : Abandonment  
 Acids/Blends/Fluids :  
 Plug: 20 Sacks of Thermal 35, Density = 15.8 lb/gal, Volume Pumped = 5.4 (bbl)  
 Water Temperature(°F) = 65 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 70  
 + 0.3 % of ASM-3 (Preblend),  
 + 0.3 % of CFR-2 (Preblend)

##### Plug 2

From Depth (ft):  
 To Depth (ft):  
 Plug Type : N/A  
 Acids/Blends/Fluids :  
 Pickle: 250 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 51.2 (bbl)  
 Water Temperature(°F) = 65 , Bulk Temperature(°F) = 65 , Slurry Temperature(°F) = 70  
 + 0.5 % of CFR-2 (Preblend),  
 + 0.2 % of FMC (Preblend),  
 + 0.5 % of LWA (Preblend),  
 + 0.25 lb/sack of Polyflake (Preblend)

#### Fluid & Cement Data

Expected Cement Top:      Depth (ft): 4590					
<b>Wellbore Fluid</b>					
<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	--	8.340	--	--	Jun 02, 2015 09:59

### Attachment & Tools

#### Down Hole Tools

<u>Tool Type</u>	<u>Depth (ft)</u>	<u>Supplier</u>
Bridge Plug	7,290.000	Third Party

#### Tubular Plugs

<u>Tubular Plug Type</u>	<u>Size (in)</u>	<u>Supplier</u>
Rubber Top	2.875	Sanjel

### 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>
449088	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	01/29/2016 08:30	01/29/2016 18:00
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	01/29/2016 08:30	01/29/2016 18:00
446092	TRAILER	Bulker	746092	TRACTOR	Tandem - Tractor	01/29/2016 08:30	01/29/2016 18:00

#### Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Doran, Benjamin (27933)	01/29/2016 08:30	01/29/2016 18:00		
Hansen, Ted (29055)	01/29/2016 08:30	01/29/2016 18:00		
Phillips, James (23627)	01/29/2016 08:30	01/29/2016 18:00		

### 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 29,2016 08:30	Arrive On Location		--	--	--	--	0.00	
2	Jan 29,2016 08:35	Crew Briefing (Rig in)		--	--	--	--	0.00	
3	Jan 29,2016 08:40	Wait on Client (non Sanjel)		--	--	--	--	0.00	
4	Jan 29,2016 11:25	Rig in Complete		--	--	--	--	0.00	
5	Jan 29,2016 11:30	Crew Briefing (Pre Job)		--	--	--	--	0.00	
6	Jan 29,2016 11:42	Pressure Test Start	Water	1.00	1,000.0	--	1.00	0.00	
		Remarks: Fill lines							
7	Jan 29,2016 11:43	Pressure Test Complete	Water	--	3,500.0	--	--	0.00	
		Remarks: All lines held pressure							
8	Jan 29,2016 11:46	Pump Preflush	Water	1.20	1,700.0	--	10.00	0.00	
9	Jan 29,2016 11:52	Mix Cement	Thermal 35	1.50	1,950.0	--	5.40	0.00	
		Remarks: Mix/Pumped 20 Sacks @ 15.8 PPG, 1.51 Yield, 6.23 Water Req, 127.67 Sack Weight							
10	Jan 29,2016 11:56	Displace Fluid	Water	1.50	2,000.0	--	11.50	0.00	
		Remarks: Balance Plug							
11	Jan 29,2016 12:09	Wash	Water	--	--	--	10.00	0.00	
12	Jan 29,2016 12:25	Wait On Instructions		--	--	--	--	0.00	
13	Jan 29,2016 16:25	Rig In		--	--	--	--	0.00	
14	Jan 29,2016 16:29	Pump	Water	2.00	450.0	--	1.00	0.00	
		Remarks: Fill lines							
15	Jan 29,2016 16:30	Pressure Test	Water	--	3,000.0	--	--	0.00	
		Remarks: All lines held pressure							
16	Jan 29,2016 16:31	Pump Preflush	Water	4.50	1,400.0	--	30.00	0.00	
		Remarks: 5 BBL Fresh, 20 BBL SMS, 5 BBL Fresh							
17	Jan 29,2016 16:38	Mix Cement	0-1-0 G	4.50	1,700.0	--	51.20	0.00	
		Remarks: Mix/Pumped 250 Sacks @ 15.8 PPG, 1.15 Yield, 4.98 Water Req, 95.43 Sack Weight							
18	Jan 29,2016 16:53	Drop Plug		--	--	--	--	0.00	
19	Jan 29,2016 16:54	Displace Fluid	Water	4.50	1,800.0	--	24.20	0.00	
		Remarks: Displaced to 4180'							
20	Jan 29,2016 17:04	Wash	Water	--	--	--	15.00	0.00	
21	Jan 29,2016 17:20	Rig Out		--	--	--	--	0.00	
22	Jan 29,2016 17:40	Job Complete		--	--	--	--	0.00	
23	Jan 29,2016 18:00	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							



# Cementing Service Report

9208565

Client Name Anadarko Petroleum Corporation	Well Name State L 16 - 3	Rig Concord Well Servicing 5	Job Date February 02, 2016	Call Sheet 1064527
Client Representative Mr. Rodrigo Vierra	Surface Well Location NE NW Sec 16:T3N:R66W	Down Hole Well Location	Job Type Abandonment Plugs	Lead Supervisor Schultz, Derek (24277)

## 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	--	--	--	--	--

## 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)
8.625	24.000		--	--	--	--	--	--	--

## Tubing

Size	Weight	Grade	Collapse Pressure	Capacity	I.D.	O.D.	Depth From	Depth To
(in)	(lb/ft)		(psi)	(bbl)	(in)	(in)	(ft)	(ft)
2.875	6.500	J-55	7,680.000	7.180	2.441	3.668	0.000	1,240.000

## Products

### Plug 1

From Depth (ft):

To Depth (ft):

Plug Type : Abandonment

Acids/Blends/Fluids :

Tail: 530 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 122 (bbl)

Water Temperature(°F) = 40 , Bulk Temperature(°F) = 20 , Slurry Temperature(°F) = 58

- + 0.5 % of CaCl<sub>2</sub> (Preblend),
- + 0.25 lb/sack of LCL-7 (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: Surface

### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.340	--	--	Jun 02, 2015 09:59



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>
201173	PICKUP	1 Ton	449083	TRAILER	Utility Trailer	02/02/2016 10:00	02/02/2016 15:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	02/02/2016 10:00	02/02/2016 15:00
446167	TRAILER	Bulker	746167	TRACTOR	Tandem - Tractor	02/02/2016 10:00	02/02/2016 15:00
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>		<u>Second End Shift</u>		
Schultz, Derek (24277)	02/02/2016 10:00	02/02/2016 15:00					
Landers, Jade (26442)	02/02/2016 10:00	02/02/2016 15:00					
Emeline, Douglas (20690)	02/02/2016 10:00	02/02/2016 15:00					

Treatment Reports & Remarks									
Treatment Report									
Event #	Event Time	Event Description	Fluid Type	Rate	Tubular Pressure	Annular Pressure	Stage Volume	Total Volume	
				(bbl/min)	(psi)	(psi)	(bbl)	(bbl)	
1	Feb 02,2016 10:00	Arrive On Location		--	--	--	--	0.00	
2	Feb 02,2016 10:10	Crew Briefing (Rig in)		--	--	--	--	0.00	
		Remarks: Chain up Trucks							
3	Feb 02,2016 11:45	Rig in Complete		--	--	--	--	0.00	
4	Feb 02,2016 12:00	Crew Briefing (Pre Job)		--	--	--	--	0.00	
5	Feb 02,2016 12:17	Establish Circulation	Water	2.00	170.0	--	5.00	5.00	
6	Feb 02,2016 12:21	Pressure Test Start	Water	--	3,000.0	--	--	5.00	
7	Feb 02,2016 12:22	Pressure Test Complete	Water	--	0.0	--	--	5.00	
8	Feb 02,2016 12:24	Pump Preflush	Water	2.00	150.0	--	10.00	15.00	
		Remarks: mud flush							
9	Feb 02,2016 12:28	Pump	Water	2.00	160.0	--	10.00	25.00	
		Remarks: fresh spacer							
10	Feb 02,2016 12:33	Mix Cement	0:1:0 Type III	3.00	160.0	--	122.00	147.00	
		Remarks: @ 14.8 PPG got cement to surface							
11	Feb 02,2016 13:15	Displace Fluid	Water	2.00	200.0	--	4.00	151.00	
		Remarks: as per company man							
12	Feb 02,2016 13:19	Stop		--	500.0	--	--	151.00	
13	Feb 02,2016 13:30	Rig Out		--	--	--	--	151.00	
14	Feb 02,2016 14:00	Job Complete		--	--	--	--	151.00	
15	Feb 02,2016 14:30	Pre-Departure Meeting		--	--	--	--	151.00	
16	Feb 02,2016 15:00	Leave Location		--	--	--	--	151.00	
Did Float Hold:		Not Applicable							
Fluid Returns :		Yes							
Type :		Cement							
Volume (bbl) :		10							
Temperature (°F) :		60							
FDAS Functioning Correctly :		Yes							
Was the Program Followed As Per Design? :		Yes							
Material Transfer Sheet Number									
Material Transfer Sheet Number									
64531									



Treatment Reports & Remarks	
Material Transfer Sheet Number	
<u>Material Transfer Sheet Number</u>	
59375	
59350	