



**Pumping
Service Report**

9187542

Client Name Anadarko Petroleum Corporation	Well Name Pioneer 9-12	Job Date February 07, 2014	Call Sheet 1037285
Client Representative Mr Bill Smith	Location SE SE Sec 12:T2N:R65W	Job Type Abandonment Plugs	Rig ECWS 22

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):	---	@	--

Products	
Plug 1	
From Depth (ft):	
To Depth (ft):	
Plug Type :	N/A
Acids/Blends/Fluids :	
Tail: 50 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 13 (bbl)	
Water Temperature(°F) = 30 , Bulk Temperature(°F) = 4 , Slurry Temperature(°F) = 45	
+ 1 % of CaCl ₂ ,	
+ 0.25 % of Polyflake	

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	--	--	--	--	Sep 20, 2013 11:28

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>
449087	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	02/07/2014 08:30	02/07/2014 12:30
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	02/07/2014 08:30	02/07/2014 12:30
446171	TRAILER	Bulker	746171	TRACTOR	Tandem - Tractor	02/07/2014 08:30	02/07/2014 12:30

Crew and Bonuses					
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>	
Ripka, Robert	02/07/2014 08:30	02/07/2014 12:30			
Contreras, Bennie					
Feigenbaum, Andrew					
Coronado, Sebastian					
Peterson, Ryan					



**Pumping
Service Report**

9185828

Client Name Anadarko Petroleum Corporation	Well Name Pioneer 9-12	JobDate February 05,2014	Call Sheet 1037066
Client Representative Mr Bill Smith	Location SE SE Sec 12:T2N:R65W	Job Type Abandonment Plugs	Rig ECWS 22

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)	
4.500	11.600	J-55	4,960.0	5,350.0	79.27	4.000	5.000	0.0	5,100.0	

Products
Plug 1
From Depth (ft):
To Depth (ft):
Plug Type : N/A
Acids/Blends/Fluids :
Tail: 270 Sacks of 0-1-0 G, Density = 15.8 lb/gal, Volume Pumped = 55.3 (bbl)
Water Temperature(°F) = 42 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 42
+ 0.5 % of CFR-2,
+ 0.25 % of FMC,
+ 0.5 % of LWA,
+ 0.25 lb/sack of .25

Fluid & Cement Data					
Expected Cement Top: --					
Wellbore Fluid					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Sep 20, 2013 11:28

Attachment & Tools		
Tubular Plugs		
Tubular Plug Type	Size (in)	Supplier
Rubber Top	4.500	Client



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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>
449086	TRAILER	Utility Trailer	200868	PICKUP	3/4 Ton	02/05/2014 08:00	02/05/2014 13:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	02/05/2014 08:00	02/05/2014 13:00
446171	TRAILER	Bulker	746171	TRACTOR	Tandem - Tractor	02/05/2014 08:00	02/05/2014 13:00

Crew and Bonuses				
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Johnson, Quintin	02/05/2014 08:00	02/05/2014 13:00		
Cox, Brandon	02/05/2014 08:00	02/05/2014 13:00		
Haase, Jon	02/05/2014 08:00	02/05/2014 13:00		
Peterson, Ryan	02/05/2014 08:00	02/05/2014 13:00		

Treatment Reports & Remarks



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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	Feb 05,2014 08:00	Arrive On Location Remarks: arrive on location	---	--	--	--	--	0.00
2	Feb 05,2014 08:10	Tailgate Meeting Remarks: talked about spotting trucks and rigging in	---	--	--	--	--	0.00
3	Feb 05,2014 08:30	Rig In Remarks: rig into water and bulk trucks and well head	---	--	--	--	--	0.00
4	Feb 05,2014 09:00	Sign-off on Safety Remarks: signed their and our jsa	---	--	--	--	--	0.00
5	Feb 05,2014 09:01	Safety Meeting Remarks: talked about the job scope and safety concerns	---	--	--	--	--	0.00
6	Feb 05,2014 09:10	Start - Fluid Remarks: filled lines and primed up going down hole	Water	3.00	1,500.0	--	10.00	10.00
7	Feb 05,2014 09:35	Pressure Test Remarks: pressure tested lines and they held	Water	0.00	3,000.0	--	0.00	10.00
8	Feb 05,2014 09:37	Establish Circulation Remarks: never got circulation	Water	3.00	1,400.0	--	30.00	40.00
9	Feb 05,2014 09:55	Pump Preflush Remarks: pumped sms	Water	3.00	1,400.0	--	20.00	60.00
10	Feb 05,2014 10:02	Pump Spacer Remarks: fresh between sms and slurry	Water	3.00	1,400.0	--	7.00	67.00
11	Feb 05,2014 10:06	Mix Cement Remarks: mixed slurry at 15.8	---	3.00	144.0	--	55.50	122.50
12	Feb 05,2014 11:00	Drop Plug Remarks: drop plug on the fly	---	--	--	--	--	122.50
13	Feb 05,2014 11:02	Pump Displacement Remarks: pump displacement	Water	3.60	1,200.0	--	80.00	202.50
14	Feb 05,2014 11:33	Stop Remarks: stop rig off for wash up	---	--	--	--	--	202.50
15	Feb 05,2014 11:40	Wash Remarks: washed mixing and did run backs	Water	1.50	150.0	--	20.00	222.50
16	Feb 05,2014 12:30	Rig Out Remarks: rig out our iron and water and bulk trucks	---	--	--	--	--	222.50
17	Feb 05,2014 12:40	Pre-Departure Meeting Remarks: journey mangement	---	--	--	--	--	222.50
18	Feb 05,2014 12:50	Job Complete Remarks: do walk around and covey down	---	--	--	--	--	222.50
19	Feb 05,2014 13:00	Leave Location Remarks: leave location	---	--	--	--	--	222.50



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Treatment Reports & Remarks

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

44252



PRE-JOB SAFETY MEETING - JOB SAFETY ANALYSIS (JSA)

Customer Name: Anadarko Date: Feb 5, 2014 Service Ticket No.: 9195828

Total People on Location: 13 Location: 9E 9E 3cc 12 TZN: R65W

Emergency Response Plan: (muster point, emergency procedures, location of emergency shower, eyewash station, fire extinguishers, first aid kits)

In case of an emergency, lease entrance is muster point. Head count will be done and 911 call will be performed by company man if needed. Sanjel pick up for transport. Eye wash, first aid and extinguishers are in truck.

How do we signal "STOP WORK"? Verbal, hand signals, horn blast, air radios will be used if needed.

Safety Meeting Discussion: (Topics should include brief job scope, PPE, site specific hazards, environmental issues, people's responsibilities)

Brandon will pump after spotting and rigging is and safety meeting. John and Ryan will run bulk truck and Elmer will supervise. Hard hats, safety glasses, gloves, steel toe boots and earplugs need to be worn on location. Be mindful of ice spots, trip hazards around iron around trucks and rig. If you get chemical or slurry on you raise your hands and someone will get you and clean you up.

Job Safety Analysis:

1. Break the job down into steps.	2. Identify the hazards associated with each step.	3. Develop ways to control the hazards.
Sequence of Basic Job Steps	Potential Hazards	Recommended Controls
Spot trucks	Hits and run ins, pinch points	Do not stand between vehicles
Rig in	Biological Agents Chemicals Electrical	use spotters at front & rear of trucks Elimination Engineering Administrative
Pressure test / Down hole	over pressure, Fire/Explosion, iron/hoses chemical spill Mechanical	stay under max pressure, stay away from iron & hoses, clean up any spills
Rig out	strains, pinch points, slips falls Pressure Radiation	use two man lifts, use proper lifting techniques, keep hands, fingers, feet out of pinch points
Leave location	Hits + Run ins, pinch points Temperature Extremes	use two spotters when moving trucks do not stand between trucks/equipment

Attendees: (Print name and sign. If there are not enough lines use a second document from this book and enter the same Service Ticket No.)

Brandon Cox Travis James Egan
Jon Haase Ron Stemmer ATW
Ryan Peterson Mark Boush
Cosmin Hernandez Rick Br. Howard ATW
Daniel Hernandez Kyle Garcia ATW
OSVALDO HERNANDEZ

Customer Representative: Bill Smith Print Name Bill Smith Signature

Sanjel Supervisor: Quentin Elmer Johnson Print Name Quentin Elmer Johnson Signature



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Treatment Reports & Remarks

Treatment Report

<u>Event #</u>	<u>Event Time</u>	<u>Event Description</u>	<u>Fluid Type</u>	<u>Rate</u> (bbl/min)	<u>Tubular Pressure</u> (psi)	<u>Annular Pressure</u> (psi)	<u>Stage Volume</u> (bbl)	<u>Total Volume</u> (bbl)
1	Feb 07,2014 08:30	Arrive On Location	---	--	--	--	--	0.00
2	Feb 07,2014 08:35	Tailgate Meeting	---	--	--	--	--	0.00
3	Feb 07,2014 08:50	Rig In	---	--	--	--	--	0.00
4	Feb 07,2014 09:32	Safety Meeting	---	--	--	--	--	0.00
5	Feb 07,2014 10:00	Sign-off on Safety	---	--	--	--	--	0.00
6	Feb 07,2014 10:02	Pressure Test	---	--	3,000.0	--	--	0.00
7	Feb 07,2014 10:05	Pump Preflush	Water	1.40	1,000.0	--	20.00	20.00
		Remarks: + SMS						
8	Feb 07,2014 10:27	Pump Spacer	Water	2.00	1,100.0	--	10.00	30.00
9	Feb 07,2014 10:45	Mix Cement	0:1:0 Type III	2.00	1,100.0	--	13.00	43.00
		Remarks: 50 SKS						
10	Feb 07,2014 10:55	Displace Fluid	Water	1.00	700.0	--	1.00	44.00
11	Feb 07,2014 11:10	Stop	---	--	--	--	--	44.00
12	Feb 07,2014 11:17	Rig Out	---	--	--	--	--	44.00
13	Feb 07,2014 12:13	Job Complete	---	--	--	--	--	44.00
14	Feb 07,2014 12:15	Pre-Departure Meeting	---	--	--	--	--	44.00
15	Feb 07,2014 12:30	Leave Location	---	--	--	--	--	44.00

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

1