

# CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COI		DATE 11-FEB-14	F.R. # 10011045378	SERV. SUPV. JOHN R WUDARCZYK									
LEASE & WELL NAME ARTESE PHILLIP #1 - API 05123072450000		LOCATION 6-1N-65W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Plug & Abandon									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD	TVD			
		No Shoe											
		NA-P&A											
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES									
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Fresh Water					8.3					10			
Plug Slurry				170	13.5	1.36	5.68			41.25 22.99			
Fresh Water					8.34					14.66			
Fresh Water					8.34					10			
G + Adds				210	15.8	1.15	4.96			43.19 24.82			
Fresh Water					8.34					5.05			
Fresh Water					8.34					10			
Type III + Adds				220	14	1.54	7.77			60 40.56			
Fresh Water					8.34					0			
Fresh Water					8.34					10			
Type III + Adds				110	14	1.54	7.77			30.10 20.35			
Fresh Water					8.34					1			
Available Mix Water		150 Bbl.		Available Displ. Fluid		100 Bbl.		TOTAL		235.26 108.71			
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
12	0	1716	4.052	4.5	10.5	CSG	6670	6670	N-80	0	0	0	
LAST CASING			PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.1	8.63	24	CSG	415	415	CEMENT RETAINER	1110	1000	1716	2.375	8RND	WATER BASED	8.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER		
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
4	BBLS	Fresh Water		8.34	0	0	1500	8960	1500	3832	1500	TRANSPOR T	
		Fresh Water		8.34									
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Circulation Time: .15				Circulation Rate: 2 BPM					
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In: 0		PV & YP Mud Out: 0			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>					
<b>Displacement And Mud Removal</b>													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 0 BBLS									
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: VISUAL									
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES									
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID					
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD													
<b>Plugs</b>													
Number of Attempts by BJ: 1				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES Quantity:					
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES									
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 1110 FT				Bottom of Plug: 1716 FT					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE													

# CEMENT JOB REPORT



## Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE  SHOE SQUEEZE  TOP OF LINER SQUEEZE  PLANNED  UNPLANNED   
 Liner Packer:  NO  YES Bond Log:  NO  YES PSI Applied: 1000 Fluid Weight: 8.4 LBS/GAL

## Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL  
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

NONE

### PRESSURE/RATE DETAIL

### EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION	
	PIPE	ANNULUS				SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	TEST LINES 4000 PSI
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>	
07:15	0	0	0	0	0	ARRIVE ON LOCATION ( 12 MILES )	
07:30	0	0	0	0	0	PRE RIG UP SAFETY MEETING	
08:26	0	0	0	0	0	PRE JOB MEETING	
08:45	4000	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
08:50	866	0	2.1	30	H2O	ESTABLISH CIRCULATION	
09:05	1019	0	2.4	57	CMT	BATCH UP AND PUMP 220 SKS TYPE III+2%CACL+.25#/SACK CELLO FLAKE@14#	
09:38	917	0	2.4	4	H2O	DISPLACE	
09:42	0	0	0	0	H2O	SHUT DOWN / STING OUT	
09:50	0	0	0	0	H2O	WASH UP	
10:10	0	0	0	0	0	SHUT DOWN / WAIT TO PUMP FINAL STAGE	
15:25	0	0	0	0	0	SECOND JOB MEETING	
15:32	4178	0	0	0	H2O	PRESSURE TEST PUMPS AND LINES	
15:35	407	0	2	10	H2O	ESTABLISH CIRCULATION	
15:45	535	0	2.6	25	CMT	BATCH UP AND PUMP 110 SKS TYPE III+2%CACL+.25#/SACK CELLO FLAKE@14#	
15:55	306	0	2.3	2	H2O	DISPLACE	
15:57	0	0	0	0	0	SHUT DOWN / WASH UP	
16:10	0	0	0	0	0	POST JOB RIG DOWN SAFETY MEETING	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	0	128	0	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	



FIELD RECEIPT NO. 10011045378

CUSTOMER ANADARKO PETROLEUM CORP - XML				CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER 20047992 - 00208786	INVOICE NUMBER		
MAIL INVOICE TO :		STREET OR BOX NUMBER PO BOX 1330		CITY Houston		STATE Texas	ZIP CODE 77251-1330		
DATE WORK COMPLETED	MO. 02	DAY 11	YEAR 2014	BHI REPRESENTATIVE JOHN R WUDARCZYK	WELL API NO: 05123072450000	WELL TYPE : Old Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 1,716		WELL CLASS : Gas			
WELL NAME AND NUMBER ARTESE PHILLIP #1				TD WELL DEPTH (ft) 1,716		GAS USED ON JOB : No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 6-1N-65W		COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Plug & Abandon			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100112	Calcium Chloride			lbs	621				
100112	Calcium Chloride			lbs	300				
100295	Cello Flake			lbs	83				
100404	Sodium Chloride			lbs	100				
488019	FP-6L			gals	1				
499632	Granulated Sugar			lbs	100				
499703	Type III Cement			sacks	330				
	SUB-TOTAL FOR Product Material								
A152	Personnel Per Diem Chrg - Cement Svc			ea	1				
M100	Bulk Materials Blending Charge			cu ft	357				
	SUB-TOTAL FOR Service Charges								
ARRIVE LOCATION :	MO. 02	DAY 11	YEAR 2014	TIME 07:15	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.			SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
CUSTOMER REP. LARRY WEBB				CUSTOMER AUTHORIZED AGENT			X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS							X		
				CUSTOMER AUTHORIZED AGENT			BHI APPROVED		

# CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COI		DATE 10-FEB-14	F.R. # 10011045377	SERV. SUPV. STEVEN S ISCHE										
LEASE & WELL NAME ARTESE PHILLIP #1 - API 05123072450000		LOCATION 6-1N-65W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Plug & Abandon										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
NONE				Retainers		4300	4300							
PHYSICAL SLURRY PROPERTIES														
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
Plug Slurry		N/A		0	13.5	0	0	00:00	0					
SMS		N/A		0	8.34	0	0	00:00	20					
G + Adds		N/A		210	15.8	1.15	4.96	03:00	42	24.13				
Fresh Water		N/A		0	8.34	0	0	00:00	17					
Fresh Water		N/A		0	8.34	0	0	00:00	8					
Type III + Adds		N/A		0	0	0	0	00:00	0					
Type III + Adds		N/A		0	0	0	0	00:00	0					
Available Mix Water		130	Bbl.	Available Displ. Fluid		75	Bbl.	TOTAL		87	24.13			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
			4.052	4.5	10.5	CSG	6670	6670	N-80					
LAST CASING			PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID			
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.1	8.63	24	CSG	415	415	CEMENT RETAINER		4300	4290	4710	2.375	8RD	WATER BASED	8.8
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
17	BBLs	Fresh Water		8.34	0	0	0	8960	4000	0	0	TRUCK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 0				Circulation Rate: 0 BPM						
Mud Density In: 8.8 LBS/GAL				Mud Density Out: 8.8 LBS/GAL				PV & YP Mud In: 0				PV & YP Mud Out: 0		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>						
Displacement And Mud Removal														
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 0 BBLs										
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: VISUAL										
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES										
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD														
Plugs														
Number of Attempts by BJ: 0				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					Quantity:	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES										
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT				Bottom of Plug: 0 FT						
Squeezes (Update Original Treatment Report for Primary Job)														
BLOCK SQUEEZE <input type="checkbox"/>				SHOE SQUEEZE <input type="checkbox"/>				TOP OF LINER SQUEEZE <input type="checkbox"/>				PLANNED <input type="checkbox"/>	UNPLANNED <input type="checkbox"/>	
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				PSI Applied: 0		Fluid Weight: 0 LBS/GAL				
Casing Test (Update Original Treatment Report for Primary Job)														
Casing Test Pressure: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes						
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE														

# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT      Target EMW: 0 LBS/GAL      Actual EMW: 0 LBS/GAL

Number of Times Tests Conducted: 0      Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)  
NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
NONE

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4800 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
09:00	0	0	0	0	N/A	LEAVE YARD	
09:15	0	0	0	0	N/A	ARRIVE ON LOCATION	
09:20	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING	
11:00	0	0	0	0	N/A	SAFTY MEETING WITH CREW	
11:05	4800	0	0	0	H2O	PRESSURE TEST	
11:10	425	0	2	3	H2O	FRESH WATER SPACER	
11:17	526	0	2	20	H2O	SMS SPACER	
11:27	905	0	2	5	H2O	FRESH WATER SPACER	
11:31	804	0	2.3	42	CEMENT	BATCH UP, WHEIGH AND SEND 15.8#	
11:53	1461	0	2	17	H2O	DISPLACEMENT	
12:03	0	0	0	0	N/A	SHUT DOWN AND WASH UP	
12:30	0	0	0	0	N/A	RIG DOWN SAFTY MEETING	
13:00	0	0	0	0	N/A	LEAVE LOCATION	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	87	905	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	





FIELD RECEIPT NO. 10011045377

CUSTOMER ANADARKO PETROLEUM CORP - XML					CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER 20047992 - 00208786	INVOICE NUMBER		
MAIL INVOICE TO		STREET OR BOX NUMBER PO BOX 1330			CITY Houston		STATE Texas	ZIP CODE 77251-1330		
DATE WORK COMPLETED	MO. 02	DAY 10	YEAR 2014	BHI REPRESENTATIVE STEVEN S ISCHE	WELL API NO: 05123072450000	WELL TYPE : Old Well				
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 4,710	WELL CLASS : Gas				
WELL NAME AND NUMBER ARTESE PHILLIP #1					TD WELL DEPTH (ft) 4,710	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 6-1N-65W	COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Plug & Abandon					
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement				sacks	210				
100112	Calcium Chloride				lbs	300				
100275	Sodium Metasilicate				lbs	800				
100283	R-3				lbs	20				
100295	Cello Flake				lbs	53				
100404	Sodium Chloride				lbs	100				
488013	CD-32				lbs	79				
488019	FP-6L				gals	3				
499632	Granulated Sugar				lbs	50				
499705	ASA-301				lbs	79				
	SUB-TOTAL FOR Product Material									
A152	Personnel Per Diem Chrg - Cement Svc				ea	1				
M100	Bulk Materials Blending Charge				cu ft	242				
	SUB-TOTAL FOR Service Charges									
ARRIVE LOCATION :	MO. 02	DAY 10	YEAR 2014	TIME 09:15	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
CUSTOMER REP. LARRY WEBB					CUSTOMER AUTHORIZED AGENT				X CUSTOMER AUTHORIZED AGENT	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									X BHI APPROVED	

# CEMENT JOB REPORT



CUSTOMER ANADARKO PETROLEUM COI		DATE 08-FEB-14	F.R. # 10011045632	SERV. SUPV. STEVEN S ISCHE									
LEASE & WELL NAME ARTESE PHILLIP #1 - API 05123072450000		LOCATION 6-1N-65W		COUNTY-PARISH-BLOCK Weld Colorado									
DISTRICT Brighton		DRILLING CONTRACTOR RIG # W/O		TYPE OF JOB Plug & Abandon									
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD		
NONE				Bridge Plug		7340	7340	NONE		0	0		
				Retainers		6670	6670						
<b>PHYSICAL SLURRY PROPERTIES</b>													
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sub>3</sub>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER			
Fresh Water		N/A		0	8.3	0	0	00:00	10				
Plug Slurry (50:50)		N/A		170	13.5	1.71	8.30	03:00	51.86	33.60			
Fresh Water		N/A		0	8.34	0	0	00:00	26				
Fresh Water		N/A		0	8.34	0	0	00:00	10				
G + Adds		N/A		210	15.8	1.15	4.96	00:00	0	0			
Fresh Water		N/A		0	8.34	0	0	00:00	0				
Fresh Water		N/A		0	8.34	0	0	00:00	0				
Type III + Adds		N/A		110	14	1.54	7.77	00:00	0	0			
Fresh Water		N/A		0	8.34	0	0	00:00	0				
Fresh Water		N/A		0	8.34	0	0	00:00	0				
Type III + Adds		N/A		0	14	1.54	7.77	00:00	0	0			
Fresh Water		N/A		0	8.34	0	0	00:00	0				
Available Mix Water		130 Bbl.		Available Displ. Fluid		97 Bbl.		TOTAL		97.86	33.60		
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
			4.052	4.5	10.5	CSG	7340	7340	N-80				
LAST CASING			PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.1	8.63	24	CSG	415	415	CEMENT RETAINER	6670	6660	7150	2.375	8RD	WATER BASED	8.9
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER		
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
26	BBLs	Fresh Water	8.34	0	0	0	8960	3000	0	0	TRUCK		
		Fresh Water	8.34										
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 0				Circulation Rate: 0 BPM					
Mud Density In: 8.9 LBS/GAL				Mud Density Out: 8.9 LBS/GAL				PV & YP Mud In: 0		PV & YP Mud Out: 0			
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>					
<b>Displacement And Mud Removal</b>													
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 0 BBLs									
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: VISUAL									
Cement Returns at Surface: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES									
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID					
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD													
<b>Plugs</b>													
Number of Attempts by BJ: 0				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES									
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT				Bottom of Plug: 0 FT					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE													

# CEMENT JOB REPORT



## Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE  SHOE SQUEEZE  TOP OF LINER SQUEEZE  PLANNED  UNPLANNED   
 Liner Packer:  NO  YES Bond Log:  NO  YES PSI Applied: 0 Fluid Weight: 0 LBS/GAL

## Casing Test (Update Original Treatment Report for Primary Job)

Casing Test Pressure: 0 PSI With 0 LBS/GAL Mud Time Held: 00 Hours 00 Minutes

## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL  
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

WRONG CEMENT

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

NONE

### PRESSURE/RATE DETAIL

### EXPLANATION

TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	4176 PSI
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input type="checkbox"/>	
08:30	0	0	0	0	N/A	LEAVE YARD	
08:45	0	0	0	0	N/A	AT LOCATION	
09:00	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFTY MEETING	
15:51	4176	0	0	0	H2O	PRESSURE TEST AFTER GETTING RIGHT CEMENT SLURY	
15:53	1258	0	2.3	10	H2O	FRESH WATER SPACER	
16:00	1434	0	2.3	47	CEMENT	BATCH UP, WHEIGH AND SEND 13.5#	
16:23	1786	0	2.3	26	H2O	DISPLACEMENT	
16:33	528	0	0	0	N/A	SHUT DOWN AND WASH UP	
17:00	0	0	0	0	N/A	RIG DOWN SAFTY MEETING	
18:00	0	0	0	0	N/A	LEAVE LOCATION	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	83	528	Y <input checked="" type="checkbox"/> N	



# CEMENT JOB REPORT



## Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL	
Problems Before Job (I.E. Running Casing, Circulating Well, ETC) NONE		
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC) NONE		
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC) NONE		

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
08:30	0	0	0	0	N/A	LEAVE YARD	
08:45	0	0	0	0	N/A	ARRIVE ON LOCATION	
09:00	0	0	0	0	N/A	SPOT TRUCKS AND PRE RIG UP SAFETY MEETING	
12:20	0	0	0	0	N/A	SAFETY MEETING WITH CREW (WRONG CEMENT HAD TO GET A NEW TRUCK OUT)	
15:51	4176	0	0	0	H2O	PRESSURE TEST	
15:53	1258	0	2.3	10	H2O	PRE FLUSH	
16:00	1434	0	2.3	47	CEMENT	BATCH UP, WEIGH AND SEND 13.5# LEAD	
16:23	1786	0	2.3	26	H2O	DISPLACEMENT	
16:33	528	0	0	0	N/A	SHUT DOWN AND WASH UP	
17:00	0	0	0	0	N/A	RIG DOWN SAFETY MEETING	
17:30	0	0	0	0	N/A	LEAVE LOCATION	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		83	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



FIELD RECEIPT NO. 10011045632

CUSTOMER ANADARKO PETROLEUM CORP - XML				CREDIT APPROVAL NO.	PURCHASE ORDER NO.	CUSTOMER NUMBER 20047992 - 00208786	INVOICE NUMBER		
MAIL INVOICE TO STREET OR BOX NUMBER PO BOX 1330				CITY Houston	STATE Texas	ZIP CODE 77251-1330			
DATE WORK COMPLETED	MO. 02	DAY 08	YEAR 2014	BHI REPRESENTATIVE STEVEN S ISCHE	WELL API NO: 05123072450000	WELL TYPE : Old Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH(ft) 7,340	WELL CLASS : Gas				
WELL NAME AND NUMBER ARTESE PHILLIP #1				TD WELL DEPTH(ft) 7,340	GAS USED ON JOB : No Gas				
WELL LOCATION :		LEGAL DESCRIPTION 6-1N-65W	COUNTY/PARISH Weld	STATE Colorado	JOB TYPE CODE : Plug & Abandon				
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
100021	Class G Cement			sacks	85				
100112	Calcium Chloride			lbs	100				
100121	Silica Flour			lbs	2856				
100275	Sodium Metasilicate			lbs	15				
100317	Poz (Fly Ash)			sacks	85				
100404	Sodium Chloride			lbs	300				
488015	FL-52			lbs	58				
488019	FP-6L			gals	2				
488449	Bentonite II			lbs	429				
499632	Granulated Sugar			lbs	50				
	SUB-TOTAL FOR Product Material								
A152	Personnel Per Diem Chrg - Cement Svc			ea	1				
M100	Bulk Materials Blending Charge			cu ft	228				
	SUB-TOTAL FOR Service Charges								
ARRIVE LOCATION :	MO. 02	DAY 08	YEAR 2014	TIME 08:45	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.			SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
CUSTOMER REP. LARRY WEBB					CUSTOMER AUTHORIZED AGENT			X	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								CUSTOMER AUTHORIZED AGENT	