

# CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COI				<b>DATE</b> 11-FEB-14		<b>F.R. #</b> 10011045378		<b>SERV. SUPV.</b> JOHN R WUDARCZYK					
<b>LEASE &amp; WELL NAME</b> ARTESE PHILLIP #1 - API 05123072450000				<b>LOCATION</b> 6-1N-65W				<b>COUNTY-PARISH-BLOCK</b> Weld Colorado					
<b>DISTRICT</b> Brighton				<b>DRILLING CONTRACTOR RIG #</b> W/O				<b>TYPE OF JOB</b> Plug & Abandon					
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>	<b>HANGER TYPES</b>		<b>MD</b>	<b>TVD</b>		
		No Shoe											
		NA-P&A											
<b>MATERIALS FURNISHED BY BJ</b>				<b>LAB REPORT NO.</b>		<b>PHYSICAL SLURRY PROPERTIES</b>							
						<b>SACKS OF CEMENT</b>	<b>SLURRY WGT PPG</b>	<b>SLURRY YLD FT<sup>3</sup></b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>	
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		
<b>Available Mix Water</b> 150 <b>Bbl.</b>				<b>Available Displ. Fluid</b> 100 <b>Bbl.</b>				<b>TOTAL</b>		235.26		108.71	
<b>HOLE</b>			<b>TBG-CSG-D.P.</b>						<b>COLLAR DEPTHS</b>				
<b>SIZE</b>	<b>% EXCESS</b>	<b>DEPTH</b>	<b>ID</b>	<b>OD</b>	<b>WGT.</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>GRADE</b>	<b>SHOE</b>	<b>FLOAT</b>	<b>STAGE</b>	
12	0	1716	4.052	4.5	10.5	CSG	6670	6670	N-80	0	0	0	
<b>LAST CASING</b>			<b>PKR-CMT RET-BR PL-LINER</b>				<b>PERF. DEPTH</b>		<b>TOP CONN</b>		<b>WELL FLUID</b>		
<b>ID</b>	<b>OD</b>	<b>WGT</b>	<b>TYPE</b>	<b>MD</b>	<b>TVD</b>	<b>BRAND &amp; TYPE</b>	<b>DEPTH</b>	<b>TOP</b>	<b>BTM</b>	<b>SIZE</b>	<b>THREAD</b>	<b>TYPE</b>	<b>WGT.</b>
8.1	8.63	24	CSG	415	415	CEMENT RETAINER	1110	1000	1716	2.375	8RND	WATER BASED	8.4
<b>DISPL. VOLUME</b>		<b>DISPL. FLUID</b>		<b>CAL. PSI</b>	<b>CAL. MAX PSI</b>	<b>OP. MAX</b>	<b>MAX TBG PSI</b>		<b>MAX CSG PSI</b>		<b>MIX WATER</b>		
<b>VOLUME</b>	<b>UOM</b>	<b>TYPE</b>	<b>WGT.</b>	<b>BUMP PLUG</b>	<b>TO REV.</b>	<b>SQ. PSI</b>	<b>RATED</b>	<b>Operator</b>	<b>RATED</b>	<b>Operator</b>			
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				
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE</b>													

# 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	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				
						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  
Y ☒ N ☐

PSI TO  
BUMP  
PLUG  
0

TEST  
FLOAT  
EQUIP.  
Y ☒ N ☐

BBL.CMT  
RETURNS/  
REVERSED  
0

TOTAL  
BBL.  
PUMPED  
128

PSI  
LEFT ON  
CSG  
0

SPOT  
TOP OUT  
CEMENT  
Y ☒ N ☐

Service Supervisor Signature:

*[Signature]*





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				CUSTOMER AUTHORIZED AGENT X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									BHI APPROVED X		

# 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	
<b>PHYSICAL SLURRY PROPERTIES</b>					
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS
Plug Slurry	N/A	0	13.5	0	0
SMS	N/A	0	8.34	0	0
G + Adds	N/A	210	15.8	1.15	4.96
Fresh Water	N/A	0	8.34	0	0
Fresh Water	N/A	0	8.34	0	0
Type III + Adds	N/A	0	0	0	0
Type III + Adds	N/A	0	0	0	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.
			4.052	4.5	10.5
			CSG		6670
					6670
					N-80
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
ID	OD	WGT	TYPE	MD	TVD
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
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
17	BBLs	Fresh Water	8.34	0	0
				0	0
				8960	4000
				0	0
					TRUCK
<b>Circulation Prior to Job</b>					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 0		
Mud Density In: 8.8 LBS/GAL			Mud Density Out: 8.8 LBS/GAL		
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: 0			Competition: 0		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
			Top of Plug: 0 FT		
			Bottom of Plug: 0 FT		
<b>Squeezes (Update Original Treatment Report for Primary Job)</b>					
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		
<b>Casing Test (Update Original Treatment Report for Primary Job)</b>					
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 checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	87	905	Y <input checked="" type="checkbox"/> N	

## Load Sheet



**WELL NAME ARTESE PHILLIP #1**

CUSTOMER ANADARKO PETROLEUM CORP - XML

**JOB DATE**

FIELD RECEIPT NO 10011045377

FIELD RECEIPT DATE FEB-10-2014

[illegible]

**COMMENTS: NONE**

Robert Kibler

DATE FEB-07-2014

St h

DATE FEB-10-2014

**SERVICE SUPERVISOR**

DATE \_\_\_\_\_

SCOTT D SMITH

## OPERATIONS SUPERVISOR

**CUSTOMER SIGNATURE**





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			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									X			

# 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		
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	
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
			4.052	4.5	10.5	CSG
						7340 7340 N-80
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN
ID	OD	WGT	TYPE	MD	TVD	DEPTH
8.1	8.63	24	CSG	415	415	CEMENT RETAINER 6670
		BRAND & TYPE		TOP	BTM	SIZE
				6660	7150	2.375
						8RD
						WATER BASED
						WGT. 8.9
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI
26	BBLs	Fresh Water	8.34	0	0	0
		Fresh Water	8.34			
						MAX TBG PSI
						MAX CSG PSI
						Operator
						Operator
						MIX WATER
						TRUCK
Circulation Prior to Job						
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"/>			
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"/> 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						
Plugs						
Number of Attempts by BJ: 0			Competition: 0		Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Quantity:	
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	

## Load Sheet



WELL NAME ARTESE PHILLIP #1

**CUSTOMER ANADARKO PETROLEUM CORP - XML**

**JOB DATE**

FIELD RECEIPT NO 10011045632

FIELD RECEIPT DATE FEB-08-2014

[illegible]

Robert Kibler

DATE FEB-08-2014



**SERVICE SUPERVISOR**

DATE FEB-08-2014

**RETURNS VERIFIED BY**

DATE \_\_\_\_\_

## APPROVAL

SCOTT D SMITH

## OPERATIONS SUPERVISOR

**CUSTOMER SIGNATURE**





# 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	4000 PSI
						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 Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 83	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Service Supervisor Signature:



FIELD RECEIPT NO. 10011045632

CUSTOMER ANADARKO PETROLEUM CORP - XML					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20047992 - 00208786		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER INVOICE TO PO BOX 1330					CITY Houston		STATE Texas		ZIP CODE 77251-1330			
DATE WORK MO. DAY YEAR COMPLETED 02 08 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 LEGAL DESCRIPTION LOCATION : 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 MO. DAY YEAR TIME LOCATION : 02 08 2014 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.  CUSTOMER AUTHORIZED AGENT				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									BHI APPROVED X			