

# CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COI			<b>DATE</b> 09-APR-14		<b>F.R. #</b> 10011058725		<b>SERV. SUPV.</b> FELIPE LANDA						
<b>LEASE &amp; WELL NAME</b> PERRIN HELEN RUSSELL GAS UNIT #1 - API 0512:			<b>LOCATION</b> 29-2N-67W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado							
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Lead 724			<b>TYPE OF JOB</b> Plug Back							
<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>		
<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>		
Squeeze 1					150	13.5	1.71	8.30		45.76	29.65		
Fresh Water						8.34				5			
Squeeze #2					220	15.8	1.15	4.97		45.23	26.03		
SMS						8.34				20			
Fresh Water						8.34				5			
SMS						8.34				0			
Squeeze 3					0	0	0	0		0			
Fresh water						8.34				23.6			
Fresh Water						8.34				14.4			
Fresh Water						8.34				0			
<b>Available Mix Water</b> 200 <b>Bbl.</b>			<b>Available Displ. Fluid</b> 200 <b>Bbl.</b>			<b>TOTAL</b>			158.99	55.68			
<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>	
			4	4.5	11.6	CSG	7260	7260				4600	
			1.995	2.375	4.7	TBG	6902						
<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>
						CEMENT RETAINER	6902			2.375	8RD	FRESH WATER	8.34
<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>			
23.6	BBLS	Fresh water	8.34	0	0	0	11200	2500	0	0	TRANSPORT		
		Fresh Water	8.34										
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 2 BPM				
Mud Density In: 8.34 LBS/G Mud Density Out: 8.34 LBS/GAL						PV & YP Mud In:			PV & YP Mud Out:				
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 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: 2						Competition:			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: 6709 FT			Bottom of Plug: 7260 FT				
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE</b>													
<b>PRESSURE/RATE DETAIL</b>						<b>EXPLANATION</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: 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)  
 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	3517 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:00	0	0	0	0	NA	YARD CALL	
07:09	0	0	0	0	NA	ARRIVE ON LOCATION	
07:12	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING	
07:37	0	0	0	0	NA	SAFETY MEETING	
07:48	253	0	.8	1	H2O	LOAD LINES	
07:53	3517	0	0	0	H2O	PRESSURE TEST	
07:54	1012	0	2	5	H2O	FRESH WATER	
08:00	607	0	2	44	PLUG 1	150 SACKS OF (50:50) POZ (FLY ASH) CLASS "G" CEMENT + 0.4% FL-52 + 3% BENTONITE + 01% SODIUM METASILICATE + 20% SILICA FLOUR @ 13.5 PPG	
08:20	986	0	2	23.6	H2O	DISPLACE ( top of cement 6709' )	
08:35	0	0	0	0	NA	BLEED OFF PRESSURE/BALANCE CEMENT	
08:40	0	0	0	0	NA	SHUT DOWN FOR RIG TO PULL STANDS	
16:28	1391	0	2	5	H2O	FRESH WATER	
16:33	1163	0	2	20	H2O	SMS 800 bls	
16:45	1138	0	2	5	H2O	FRESH WATER	
16:51	1290	0	2	45	PLUG 2	220 SACKS OF CLASS "G" CEMENT + 0.25% CELLO FLAKE + 0.4% CD-32 + 0.4% ASA-301 @ 15.8 PPG	
17:14	1214	0	2	14.4	H2O	DISPLACE (top of cement 4837')	
17:22	0	0	0	0	NA	BLEED OFF PRESSURE/BALANCE CEMENT	
17:35	0	0	0	0	NA	POST JOB RIG DOWN SAFETY MEETING	

BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 162	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:
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FIELD RECEIPT NO. 10011058725

<b>CUSTOMER</b> ANADARKO PETROLEUM CORP - XML					<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20047992 - 00208786		<b>INVOICE NUMBER</b>	
<b>MAIL STREET OR BOX NUMBER</b> PO BOX 1330					<b>CITY</b> Houston		<b>STATE</b> Texas		<b>ZIP CODE</b> 77251-1330			
<b>DATE WORK MO. DAY YEAR</b> <b>COMPLETED</b> 04 09 2014					<b>BHI REPRESENTATIVE</b> FELIPE LANDA		<b>WELL API NO:</b> 05123083520000		<b>WELL TYPE :</b> Old Well			
<b>DISTRICT</b> BJS, BRIGHTON					<b>JOB DEPTH (ft)</b> 6,902		<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> PERRIN HELEN RUSSELL GAS UNIT #1					<b>TD WELL DEPTH (ft)</b> 0		<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b> 29-2N-67W					<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Plug Back			
<b>PRODUCT CODE</b>		<b>DESCRIPTION</b>				<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>	
100021		Class G Cement				sacks	295					
100112		Calcium Chloride				lbs	150					
100120		Bentonite				lbs	378					
100121		Silica Flour				lbs	2520					
100275		Sodium Metasilicate				lbs	813					
100295		Cello Flake				lbs	62					
100317		Poz (Fly Ash)				sacks	75					
100404		Sodium Chloride				lbs	50					
488013		CD-32				lbs	99					
488015		FL-52				lbs	51					
488019		FP-6L				gals	2					
499632		Granulated Sugar				lbs	50					
499705		ASA-301				lbs	99					
		SUB-TOTAL FOR Product Material										
<b>ARRIVE MO. DAY YEAR TIME</b> <b>LOCATION :</b> 04 09 2014 07:09		<b>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.</b>						<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>				
<b>CUSTOMER REP.</b> Luis Morales								<b>CUSTOMER AUTHORIZED AGENT</b> X				
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>								<b>BHI APPROVED</b> X				
						<b>CUSTOMER AUTHORIZED AGENT</b>						



FIELD RECEIPT NO. 10011059326

<b>CUSTOMER</b> ANADARKO PETROLEUM CORP - XML					<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20047992 - 00208786		<b>INVOICE NUMBER</b>	
<b>MAIL STREET OR BOX NUMBER</b> PO BOX 1330					<b>CITY</b> Houston		<b>STATE</b> Texas		<b>ZIP CODE</b> 77251-1330			
<b>DATE WORK COMPLETED</b> MO. 04 DAY 10 YEAR 2014					<b>BHI REPRESENTATIVE</b> VITALIJS A NEVERDASOVS		<b>WELL API NO:</b> 05123083520000		<b>WELL TYPE :</b> Old Well			
<b>DISTRICT</b> BJS, BRIGHTON					<b>JOB DEPTH (ft)</b> 4,600		<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> PERRIN HELEN RUSSELL GAS UNIT #1					<b>TD WELL DEPTH (ft)</b> 4,600		<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b> 29-2N-67W					<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Plug Back			
<b>PRODUCT CODE</b>		<b>DESCRIPTION</b>				<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>	
100021		Class G Cement				sacks	200					
100275		Sodium Metasilicate				lbs	800					
100295		Cello Flake				lbs	47					
488013		CD-32				lbs	76					
488019		FP-6L				gals	6					
499632		Granulated Sugar				lbs	50					
499705		ASA-301				lbs	76					
		SUB-TOTAL FOR Product Material										
A152		Personnel Per Diem Chrg - Cement Svc				ea	1					
M100		Bulk Materials Blending Charge				cu ft	708					
		SUB-TOTAL FOR Service Charges										
<b>ARRIVE LOCATION :</b>		<b>MO.</b> 04	<b>DAY</b> 10	<b>YEAR</b> 2014	<b>TIME</b> 09:08	<b>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.</b>  _____ <b>CUSTOMER AUTHORIZED AGENT</b>					<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>  <b>CUSTOMER AUTHORIZED AGENT</b> X  <b>BHI APPROVED</b> X	
<b>CUSTOMER REP.</b> LUIS MORALES												
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>												

# CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COR		<b>DATE</b> 11-APR-14	<b>F.R. #</b> 10011059596		<b>SERV. SUPV.</b> JASON L SJOBERG								
<b>LEASE &amp; WELL NAME</b> PERRIN HELEN RUSSELL GAS UNIT #1 - API 05123		<b>LOCATION</b> 29-2N-67W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado									
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Lead 724		<b>TYPE OF JOB</b> Plug Back									
<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											
<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				0	8.34	0	0		2				
Squeeze 4				0	14	1.52	7.73		0	0			
Fresh Water				0	8.34	0	0		0				
Fresh Water				0	8.34	0	0		0				
Plug Slurry				30	14	1.53	7.78		8.20	5.55			
Fresh Water				0	8.34	0	0		1				
<b>Available Mix Water</b> 100 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 100 <b>Bbl.</b>		<b>TOTAL</b>				11.20	5.55				
<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>	
9	0	1000	4	4.5	11.6	CSG	210	210	P-110	0	0	0	
			1.995	2.375	4.7	TBG	210	210	N-80				
<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>
						No Packer	0			2.375	8 RND	WATER BASED	8.34
<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>			
1	BBLS	Fresh Water	8.34	0	0	0	8960	1500	0	0	Truck		
		Fresh Water	8.34										
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			Circulation Rate: 2 BPM				
Mud Density In: 8.34 LBS/G Mud Density Out: 8.34 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO						Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" 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 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: 100 FT			Bottom of Plug: 210 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							
<b>EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None</b>													

# 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 2942 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:00	0	0	0	0	N/A	Yard Call
07:10	0	0	0	0	N/A	Leave Yard
07:40	0	0	0	0	N/A	Arrive on Location
07:45	0	0	0	0	N/A	Spot Trucks/Pre Rig-up Safety Meeting
08:25	0	0	0	0	N/A	Safety Meeting
08:42	2942	0	0	0	H2O	Pressure Test Pump and Lines
08:49	43	0	1.5	2	H2O	Preflush Fresh Water
08:52	230	0	2.4	2.4	CMT	Batch, Weigh, Pump 14# Type III + 2% CaCl
08:59	580	0	1.3	1	H2O	Displacement
09:27	56	0	1.55	3.8	CMT	Batch, Weigh, Pump 14# Type III + 2% CaCl
09:31	42	0	1.6	1	H2O	Displacement
10:00	0	0	0	0	N/A	Post Job 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	0	Y <input checked="" type="checkbox"/> N	1	13	0	Y <input checked="" type="checkbox"/> N	



FIELD RECEIPT NO. 10011059596

<b>CUSTOMER</b> ANADARKO PETROLEUM CORP - XML					<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20047992 - 00208786		<b>INVOICE NUMBER</b>	
<b>MAIL STREET OR BOX NUMBER</b> PO BOX 1330					<b>CITY</b> Houston		<b>STATE</b> Texas		<b>ZIP CODE</b> 77251-1330			
<b>INVOICE TO</b>												
<b>DATE WORK COMPLETED</b>		<b>MO.</b> 04	<b>DAY</b> 11	<b>YEAR</b> 2014	<b>BHI REPRESENTATIVE</b> JASON L SJOBERG		<b>WELL API NO:</b> 05123083520000		<b>WELL TYPE :</b> Old Well			
<b>DISTRICT</b> BJS, BRIGHTON					<b>JOB DEPTH (ft)</b> 210		<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> PERRIN HELEN RUSSELL GAS UNIT #1					<b>TD WELL DEPTH (ft)</b> 210		<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 29-2N-67W			<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Plug Back			
<b>PRODUCT CODE</b>	<b>DESCRIPTION</b>				<b>UNIT OF MEASURE</b>	<b>QUANTITY</b>	<b>LIST PRICE UNIT</b>	<b>GROSS AMOUNT</b>	<b>% DISC.</b>	<b>NET AMOUNT</b>		
100112	Calcium Chloride				lbs	57						
100112	Calcium Chloride				lbs	150						
100404	Sodium Chloride				lbs	50						
488019	FP-6L				gals	1						
499632	Granulated Sugar				lbs	50						
499703	Type III Cement				sacks	30						
	SUB-TOTAL FOR Product Material											
A152	Personnel Per Diem Chrg - Cement Svc				ea	1						
M100	Bulk Materials Blending Charge				cu ft	35						
	SUB-TOTAL FOR Service Charges											
<b>ARRIVE LOCATION :</b>		<b>MO.</b> 04	<b>DAY</b> 11	<b>YEAR</b> 2014	<b>TIME</b> 07:40	<b>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.</b>  <div style="text-align: center;"> <b>CUSTOMER AUTHORIZED AGENT</b> </div>				<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>  <div style="text-align: center;"> <b>CUSTOMER AUTHORIZED AGENT</b> X         </div> <div style="text-align: center;"> <b>BHI APPROVED</b> X         </div>		
<b>CUSTOMER REP.</b> Luis Morals												
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>												

# CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COR		<b>DATE</b> 10-APR-14	<b>F.R. #</b> 10011059326		<b>SERV. SUPV.</b> VITALIJS A NEVERDASOV								
<b>LEASE &amp; WELL NAME</b> PERRIN HELEN RUSSELL GAS UNIT #1 - API 05123		<b>LOCATION</b> 29-2N-67W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado									
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> Leed 724		<b>TYPE OF JOB</b> Plug Back									
<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>							
NONE		Retainers	4440	4440	NONE								
		Retainers	630	630									
<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>				
Squeeze 1	N/A		0	0	0	0		0					
Fresh Water	N/A		0	8.34	0	0	00:00	10					
Fresh Water	N/A		0	8.34	0	0	00:00	10					
Squeeze #2	N/A		200	15.8	1.15	4.97	00:00	40.9	23.54				
SMS	N/A		0	8.34	0	0	00:00	20					
Fresh Water	N/A		0	8.34	0	0	00:00	10					
SMS	N/A		0	8.34	0	0	00:00	0					
Squeeze 3	N/A		470	0	1.53	7.75	00:00	128	86.68				
Fresh water	N/A		0	8.34	0	0	00:00	0					
Fresh Water	N/A		0	8.34	0	0	00:00	12.6					
Fresh Water				8.34				25					
Available Mix Water 180 Bbl.		Available Displ. Fluid 100 Bbl.		<b>TOTAL</b>		256.5		110.22					
<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	20	4600	4	4.5	11.6	CSG	4600	4600	L-80			4600	
			1.995	2.375	4.7	TBG	4440	4440	J-55				
<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>
						CEMENT RETAINER	4440			2.375	8RND	FRESH WATER	8.34
<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>			
12.6	BBLS	Fresh water	8.34	0	0	0	6160	2500	0	0	TRANSPOR T		
		Fresh Water	8.34										
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 1			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 type="checkbox"/>						Amount Bled Back After Job: 0 BBLS							
Returns During Job: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> PARTIAL <input 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 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 checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD													
<b>Plugs</b>													
Number of Attempts by BJ: 2 Competition:						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: 3880 FT			Bottom of Plug: 4600 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: 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)  
 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	3701 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
08:41	0	0	0	0	N/A	LEAVE DISTRICT	
09:08	0	0	0	0	N/A	ARRIVE ON LOCATION	
09:12	0	0	0	0	N/A	SPOT TRUCKS	
09:18	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
10:23	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
10:36	395	0	1	1	H2O	LOAD LINE	
10:43	3701	0	.4	.1	H2O	PRESSURE TEST	
10:46	1147	0	2	5	H2O	FRESH WATER	
10:53	1591	0	2	20	H2O	SMS SPACER	
11:03	1367	0	2	5	H2O	FRESH WATER SPACER	
11:13	1443	0	2	41	CMT	BATCH/WEIGHT/PUMP CMT @ 15.8 PPG	
11:36	889	0	2	12.5	H2O	DISPLACEMENT	
11:42	0	0	0	0	H2O	SHUT DOWN/ STING OUT	
14:34	294	0	2.4	5	H2O	FRESH WATER SPACER	
14:56	631	0	2.1	123	CMT	BATCH/WEIGH/PUMP 470 SX OF CEMENT @ 14 PPG	
16:03	584	0	1.8	1.5	H2O	DISPLACEMENT	
16:05	0	0	0	0	H2O	SHUT DOWN/ STING OUT	
16:17	0	0	0	0	H2O	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	0	Y <input checked="" type="checkbox"/> N	0	214	0	Y <input checked="" type="checkbox"/> N	