

## CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COR		<b>DATE</b> 28-FEB-14		<b>F.R. #</b> 10011049675		<b>SERV. SUPV.</b> RYAN SULLIVAN							
<b>LEASE &amp; WELL NAME</b> CLC GAS UNIT #1 - API 05123082300000		<b>LOCATION</b> 18-2N-66W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado									
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b> WO		<b>TYPE OF JOB</b> Squeeze-Perforation									
<b>SIZE &amp; TYPE OF PLUGS</b>		<b>LIST-CSG-HARDWARE</b>		<b>MECHANICAL BARRIERS</b>		<b>MD</b>	<b>TVD</b>						
		No Shoe		Retainers		6590	6590						
				Retainers		6590	6590						
<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	N/A	0	8.34	0	0	00:00	10		
				Squeeze Slurry	C02-087-14	150	13.5	1.71	8.30	03:59	45.79	29.63	
Fresh Water		N/A		0		8.34		0		00:00		25.5	
Available Mix Water		75 Bbl.		Available Displ. Fluid		75 Bbl.		TOTAL		81.29		29.63	
<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>	
0	0	0	1.995	2.375	4.7	TBG	6590	6590	J-55	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>
4.1	4.5	10.5	CSG	6950	6950	Cement retainer	6590	6500	6950	2.375	8RD	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>			
25.5	BBLS	Fresh Water	8.34	0	1500	1500	8960	1500	0	0	transport		
<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: 0 LBS/GAL Mud Density Out: 0 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: 1 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						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				
<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: 642 Fluid Weight: 13.5 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>Shoe Test (Update Original Treatment Report for Primary Job)</b>													
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							

# CEMENT JOB REPORT



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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	4803 PSI
						CIRCULATING WELL - RIG	BJ
05:00	0	0	0	0	NA	Yard Call	
08:25	0	0	0	0	NA	Leave Yard	
09:00	0	0	0	0	NA	Arrive on Location, 12 miles, rig testing tubing while running in hole	
09:15	0	0	0	0	NA	Spot Trucks	
09:20	0	0	0	0	NA	Pre rig up Safety Meeting	
12:15	0	0	0	0	NA	Pre Job Safety Meeting	
12:27	25	0	.8	.5	H2O	Load Lines	
12:30	4803	0	0	0	H2O	Pressure Test	
12:33	327	0	1	3.5	H2O	Spacer	
12:42	452	0	2	45.5	CMT	Batch up, weigh, & pump 150 sks 50:50 Poz Class G + .1% bwoc R-3 + .6% bwoc FL-52 + .1% bwoc sms + 20% bwoc Silica Flour + 3% bwoc Bentonite II @ 13.5 ppg	
13:12	642	0	2	25.5	H2O	Displacement	
13:33	0	0	0	0	NA	Bleed off Pressure/ Stop Job	
14:30	0	0	0	0	NA	Leave location	
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 74.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:



FIELD RECEIPT NO. 10011049675

<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. 02 DAY 28 YEAR 2014					<b>BHI REPRESENTATIVE</b> RYAN SULLIVAN		<b>WELL API NO:</b> 05123082300000		<b>WELL TYPE :</b> Old Well			
<b>DISTRICT</b> BJS, BRIGHTON					<b>JOB DEPTH (ft)</b> 6,950		<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> CLC GAS UNIT #1					<b>TD WELL DEPTH (ft)</b> 6,950		<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b> 18-2N-66W					<b>COUNTY/PARISH</b> Weld		<b>STATE</b> Colorado		<b>JOB TYPE CODE :</b> Squeeze-Perforation			
<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	75					
100121		Silica Flour				lbs	2520					
100275		Sodium Metasilicate				lbs	13					
100283		R-3				lbs	13					
100317		Poz (Fly Ash)				sacks	75					
488015		FL-52				lbs	76					
488019		FP-6L				gals	1					
488449		Bentonite II				lbs	378					
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	196					
		SUB-TOTAL FOR Service Charges										
<b>ARRIVE LOCATION :</b>		<b>MO.</b> 02	<b>DAY</b> 28	<b>YEAR</b> 2014	<b>TIME</b> 09:00	<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>	
<b>CUSTOMER REP.</b> Mark Vandagriff					<b>CUSTOMER AUTHORIZED AGENT</b> X							
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>					<b>BHI APPROVED</b> X							