

# CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COR		<b>DATE</b> 31-MAR-15	<b>F.R. #</b> 10011147359		<b>SERV. SUPV.</b> Anthony J Staples								
<b>LEASE &amp; WELL NAME</b> RED ELTON V #12-1 - API 05123176310000		<b>LOCATION</b> 12-2N-67W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado									
<b>DISTRICT</b> Brighton		<b>DRILLING CONTRACTOR RIG #</b>		<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>			
Cement				30	15.8	1.36	5.67		7.28	4.05			
Fresh Water				0	8.34	0	0		25.62				
Fresh Water				0	8.34	0	0		5				
Fresh Water				0	8.34	0	0		5				
Fresh Water				0	8.34	0	0		15.13				
Plug Cement				50	15.8	1.15	4.97		10.27	5.92			
<b>Available Mix Water</b> 75 <b>Bbl.</b>		<b>Available Displ. Fluid</b> 75 <b>Bbl.</b>		<b>TOTAL</b>				68.30	9.96				
<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>	
4.5	0	7945	4	4.5	11.6	CSG	7180	7180		0	0	0	
			1.995	2.375	4.7	TBG	7180	7180					
<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	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>			
25.7	BBLS	Fresh Water	8.34	0	0	0	8960	1000	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: 8.4 LBS/GAL Mud Density Out: 8.4 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: 1 Competition: 1						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: 6710 FT			Bottom of Plug: 7480 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 2850 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
08:10	0	0	0	0	N/A	Leave Yard	
08:45	0	0	0	0	N/A	Arrive on Location...12 Miles	
08:50	0	0	0	0	N/A	Spot Trucks	
09:00	0	0	0	0	N/A	Pre-Rig Up Safety Meeting	
10:40	0	0	0	0	N/A	Pre-Job Safety Meeting	
10:50	0	0	1	1	H2O	Load Lines	
10:52	2850	0	0	0	H2O	Pressure Test	
10:55	530	0	2	5	H2O	Fresh Water Spacer	
11:00	176	0	1.8	7.4	CMT	Batch, Weigh, and Pump 30sks, 15.8# Class G + .15% R-3 + .4% CD-32 + .4% ASA-301 + 20% Silica Flour	
11:11	328	0	2.4	23	H2O	Displacement	
11:30	0	0	0	0	H2O	Shut Down/Wash Up	
11:35	0	0	0	0	N/A	Rig Pulled Tubing	
12:25	277	0	2	5	H2O	Fresh Water Spacer	
12:30	101	0	2	11	CMT	Batch, and Pump 50sks, 15.8# Class G + .4% CD-32 + ASA-301	
12:40	253	0	2.2	13	H2O	Displacement	
12:47	0	0	0	0	H2O	Shut Down/Wash Up	
13:00	0	0	0	0	N/A	Pre-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	61	0	Y <input checked="" type="checkbox"/> N	

# CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COR				<b>DATE</b> 02-APR-15		<b>F.R. #</b> 10011147788				<b>SERV. SUPV.</b> ERIC S DEWIT					
<b>LEASE &amp; WELL NAME</b> RED ELTON V #12-1 - API 05123176310000				<b>LOCATION</b> 12-2N-67W				<b>COUNTY-PARISH-BLOCK</b> Weld Colorado							
<b>DISTRICT</b> Brighton				<b>DRILLING CONTRACTOR RIG #</b>				<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>	
Cement								340	14.8	1.33	6.31		80.37	51.06	
Fresh Water								0	8.34	0	0		2.8		
Fresh Water								0	8.34	0	0		10		
Mud Clean II								0	8.34	0	0		10		
<b>Available Mix Water</b> 200 <b>Bbl.</b>				<b>Available Displ. Fluid</b> 200 <b>Bbl.</b>				<b>TOTAL</b>				103.17	51.06		
<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>			
8.5	0	1150	4	4.5	11.6	CSG	1250	1250		0	0				
			1.995	2.375	4.7	TBG	1250	1250	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>	
8.1	8.63	24	CSG	483	483	No Packer			0	0	2.375	8RND	FRESH WATER	8.4	
8.5		0	OPEN HOLE	1150	1150				0	0					
4.1	4.5	10.5	CSG	1250	1250				0	0					
<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>		
2.8	BBLS	Fresh Water		8.34	0	0		0		2500	1500	0	0	Tanker	
<b>Circulation Prior to Job</b>															
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>								Circulation Time: 1				Circulation Rate: 1 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: 1								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: 55 FT Bottom of Plug: 1250 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 3562 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
08:15	0	0	0	0	N/A	Leave yard
08:35	0	0	0	0	N/A	Arrive on location (12 miles) rig circulating
08:53	0	0	0	0	N/A	Spot trucks
09:00	0	0	0	0	N/A	Pre rig up safety meeting
09:40	0	0	0	0	N/A	Pre job safety meeting
09:56	52	0	1.3	1	H2O	Load pumps and lines
09:58	3562	0	0	0	H2O	Test pumps and lines
10:04	332	0	2.4	10	H2O	Fresh water spacer
10:09	231	0	2.4	10	H2O	Mud Clean II spacer
10:13	231	0	2.4	20	H2O	Fresh water spacer
10:25	0	0	0	0	CMT	Batch, and weigh cement at 14..8 ppg
10:30	409	0	3.3	77	CMT	Pump 340 sacks of Type III + 0.25 lbs/sack
11:01	332	0	1.3	2.8	H2O	Displacement
11:03	0	0	0	0	H2O	Shut down let plug balance (Top of plug calculated @55', Bottom @1250)
11:16	0	0	0	0	N/A	Wash up pump
11:30	0	0	0	0	N/A	Pre rig down safety meeting
12:00	0	0	0	0	N/A	Leave location
12:20	0	0	0	0	N/A	Arrive back at the yard

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		110.8	0	Y <input checked="" type="checkbox"/> N	