

# CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COR			<b>DATE</b> 28-JAN-15		<b>F.R. #</b> 10011135140			<b>SERV. SUPV.</b> STEPHEN J CARDOS					
<b>LEASE &amp; WELL NAME</b> PIONEER #23-2 - API 05123303830000			<b>LOCATION</b> 2-2N-65W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado							
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b>			<b>TYPE OF JOB</b> Squeeze-Top							
<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>	
N/A		N/A			N/A		0	0	N/A		0	0	
<b>PHYSICAL SLURRY PROPERTIES</b>													
<b>MATERIALS FURNISHED BY BJ</b>			<b>LAB REPORT NO.</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>	
Ann Fill Cement						250	14.8	1.33	6.32		59.03	37.60	
Fresh Water			N/A			0	8.34	0	0	00:00	2		
Fresh Water			N/A			0	8.34	0	0	00:00	5		
SMS Spacer			N/A			0	8.34	0	0	00:00	20		
Available Mix Water			Bbl.			Available Displ. Fluid			Bbl.			<b>TOTAL</b>	
160						160						86.03	37.60
<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>	
9.5	0	1400	8.097	8.625	24	CSG	850	850	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>
						NO PACKER	0			1.25	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>			
3	BBLS	Fresh Water	8.34	0	0	0	0	0	3930	3000	TANKER TRUCK		
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				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: .5 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 0				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: 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>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 4402 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
08:00	0	0	0	0	N/A	LEAVE YARD	
08:54	0	0	0	0	N/A	ARRIVE ON LOCATION	
08:56	0	0	0	0	N/A	SPOT TRUCKS	
09:01	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
09:25	0	0	0	0	N/A	SAFETY MEETING	
09:34	4402	0	0	0	H2O	PRESSURE TEST	
09:41	1146	0	3.1	5	H2O	FRESH SPACER	
09:43	660	0	2.4	20	H2O	SMS SPACER	
09:53	685	0	2.4	5	H2O	FRESH SPACER	
09:55	1332	0	2.4	56	CMT	BATCH/WEIGH/PUMP 14.8 LB CEMENT	
10:32	1576	0	2.4	3	H2O	DISPLACEMENT	
10:34	0	0	0	0	N/A	PULL PIPE	
11:05	0	0	0	0	H2O	STAND BYE FOR REVERSE(DECIDED NOT TO REVERSE)	
11:07	0	0	0	0	N/A	WASH UP / JOB DONE	
11:30	0	0	0	0	N/A	JOB DONE	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	<u>Service Supervisor Signature:</u>
Y <input checked="" type="checkbox"/> N	0	Y <input checked="" type="checkbox"/> N	0	89	0	Y <input checked="" type="checkbox"/> N	