

# CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COR			<b>DATE</b> 16-DEC-14		<b>F.R. #</b> 10011125583			<b>SERV. SUPV.</b> Edgar Lozano Diaz						
<b>LEASE &amp; WELL NAME</b> RADEMACHER #15-25 - API 05123239460000			<b>LOCATION</b> 25-3N-68W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> WO			<b>TYPE OF JOB</b> Squeeze-Hole								
<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		No Shoe		None		0	0	None		0	0			
<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>		
Plug Slurry						55	15.8	1.15	4.96		0	0		
Fresh Water							8.34				10			
Fresh Water							8.34				20			
Fresh Water			N/A			0	8.34	0	0	00:00	10			
Type III + CF			C12-057-14			220	14.8	1.33	6.32	02:44	52.00	33.09		
Fresh Water			N/A			0	8.34	0	0	00:00	3			
<b>Available Mix Water</b> 110 Bbl.			<b>Available Displ. Fluid</b> 65 Bbl.			<b>TOTAL</b>			95.00	33.09				
<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		4175	8.097	8.625	24	CSG	691	691				1500		
			4.052	4.5	10.5	CSG	4175	4175						
			1.278	1.66	3.02	TBG	1505	1505						
<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	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>			
3	BBLs	Fresh Water		8.34	0	0	0	4064	3000	0	0	Truck		
		Fresh Water		8.34										
<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: 8.34 LBS/GAL			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: .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 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														
<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								

# 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

**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	4064 PSI
						CIRCULATING WELL - RIG	BJ <input type="checkbox"/>
05:00	0	0	0	0	N/A	Yard Call	
	0	0	0	0	N/A	Leave Yard	
	0	0	0	0	N/A	Arrive on Location	
	0	0	0	0	N/A	Spot Trucks/Pre Rig-up Safety Meeting	
	0	0	0	0	N/A	Safety Meeting	
		0	0	0	H2O	Pressure Test Pump and Lines	
		0			H2O	Preflush Fresh Water	
04:00	0	0	0	0	NA	TAKE OVER JOB FROM JASON L SJOBERG 12-16-14	
07:00	0	0	0	0	NA	LEAVE YARD	
07:40	0	0	0	0	NA	ARRIVE TO LOCATION (23 MILES - RIG HANDS GETTING READY)	
07:50	0	0	0	0	NA	SPOT TRUCKS	
08:08	0	0	0	0	NA	RIG UP SAFETY MEETING	
08:55	0	0	0	0	NA	JOB SAFETY MEETING	
09:08		0	.9	1	H2O	LOAD LINE	
09:10	4064	0	0	0	H2O	PRESSURE TEST	
09:17	627	0	2	2	H2O	SPACER	
09:19	0	0	0	0	NA	SHUT DOWN / BLEED OFF (LEAK IN RIG HARD LINE)	
09:24	297	0	1	1	H2O	SPACER	
09:26	0	0	0	0	NA	SHUT DOWN / BLEED OFF (LEAK ON WELL HEAD)	
09:43	1496	0	2	2	H2O	SPACER	
09:45	0	0	0	0	NA	SHUT DOWN / BLEED OFF (ICE PLUG IN RIG LINE AT RETURN TANK)	
10:08	902	0	2.5	5	H2O	SPACER	
10:14	1695	0	2.5	44	CMT	TYPE III CMT @ 14.8# 220 SACKS	
10:37	1188	0	2	3	H2O	DISPLACEMENT	
10:39	0	0	0	0	NA	SHUT DOWN / BLEED OFF (0.5BBLS BACK)	
10:40	0	0	0	0	NA	WASH UP / 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	Service Supervisor Signature:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	58	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	