

# CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COR			<b>DATE</b> 22-MAR-14		<b>F.R. #</b> 10011054499			<b>SERV. SUPV.</b> VITALIJS A NEVERDASOV						
<b>LEASE &amp; WELL NAME</b> RADEMACHER #39-25 - API 05123271420000			<b>LOCATION</b> 25-3N-68W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado								
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> W/O			<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>	<b>HANGER TYPES</b>		<b>MD</b>	<b>TVD</b>		
Cement Plug, Rubber, Top 4-1/2 in					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>		
SMS Spacer			N/A			0	8.34	0	0	00:00	20			
Squeeze Slurry			C03-06114			130	14	1.53	7.74	02:27	35.32	23.97		
Fresh Water			N/A			0	8.34	0	0	00:00	23			
Fresh Water			N/A			0	8.34	0	0	00:00	100			
Fresh Water			N/A			0	8.34	0	0	00:00	5			
<b>Available Mix Water</b> 210 Bbl.			<b>Available Displ. Fluid</b> 60 Bbl.			<b>TOTAL</b>			183.32	23.97				
<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	0	1500	4	4.5	11.6	CSG	1500	1500	L-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>
8.1	8.63	24	CSG	910	910	NO PACKER		0	1500	1500	4.5	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>			
23.3	BBLS	Fresh Water		8.34	0	0	0	0	0	6224	1000	TRANSPORT		
<b>Circulation Prior to Job</b>														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1			Circulation Rate: 4 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 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 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: 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								
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE														
<b>PRESSURE/RATE DETAIL</b>						<b>EXPLANATION</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	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:22	0	0	0	0	N/A	LEAVE DISTRICT	
07:03	0	0	0	0	N/A	ARRIVE ON LOCATION, 22 MILES/ WATER TRUCKS HAVE NOT ARRIVE	
07:05	0	0	0	0	N/A	SPOT TRUCKS	
07:10	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
08:18	0	0	0	0	N/A	PRE JOB SAFETY MEETING	
08:46	36	0	1	1	N/A	LOAD LINE	
08:49	4225	0	.4	.2	H2O	PRESSURE TEST	
08:52	291	0	6	100	H2O	FRESH WATER SPACER	
09:14	213	0	4.9	20	H2O	SMS SPACER	
09:19	219	0	4.9	5	H2O	FRESH WATER SPACER	
09:25	0	0	0	0	CMT	COULD NOT BATCH UP/SLURRY PUMP WILL NOT MOVE FLUID	
09:32	0	0	0	0	N/A	CALLED YARD FOR ANOTHER PUMP	
11:51	0	0	0	0	N/A	WHILE WAITING ON ANOTHER PUMP WAS ABLE TO FIX SLURRY PUMP PROBLEM	
12:01	154	0	3.4	33	CMT	BATCH/WEIGH/PUMP 130 SX OF CEMENT @ 14 PPG	
12:11	0	0	0	0	N/A	SHUT DOWN/DROP PLUG	
12:18	106	0	4.4	15	H2O	DISPLACEMENT	
12:22	168	0	2	5	H2O	SLOW RATE	
12:25	668	0	1	1.5	H2O	SLOW RATE	
12:28	668	0	0	21.5	N/A	SHUT DOWN/SHUT IN WELL WITH 668 PSI	
12:33	0	0	0	0	N/A	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 type="checkbox"/> N <input checked="" type="checkbox"/> 0		Y <input type="checkbox"/> N <input checked="" type="checkbox"/> 0		179.5	668	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	



FIELD RECEIPT NO. 10011054499

<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 INVOICE TO</b>		<b>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>	<b>MO.</b> 03	<b>DAY</b> 22	<b>YEAR</b> 2014	<b>BHI REPRESENTATIVE</b> VITALIJS A NEVERDASOVS	<b>WELL API NO:</b> 05123271420000	<b>WELL TYPE :</b> Old Well					
<b>DISTRICT</b> BJS, BRIGHTON				<b>JOB DEPTH (ft)</b> 1,500		<b>WELL CLASS :</b> Gas					
<b>WELL NAME AND NUMBER</b> RADEMACHER #39-25				<b>TD WELL DEPTH (ft)</b> 1,500		<b>GAS USED ON JOB :</b> No Gas					
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b> 25-3N-68W		<b>COUNTY/PARISH</b> Weld	<b>STATE</b> Colorado	<b>JOB TYPE CODE :</b> Squeeze-Perforation					
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100112	Calcium Chloride				lbs	123					
100112	Calcium Chloride				lbs	300					
100275	Sodium Metasilicate				lbs	800					
100295	Cello Flake				lbs	33					
100404	Sodium Chloride				lbs	100					
488019	FP-6L				gals	2					
499632	Granulated Sugar				lbs	50					
499703	Type III Cement				sacks	130					
86704-1	4" Top Cem Plug, Nitrile cvr, Phen				ea	1					
	SUB-TOTAL FOR Product Material										
A152	Personnel Per Diem Chrg - Cement Svc				ea	1					
M100	Bulk Materials Blending Charge				cu ft	159					
	SUB-TOTAL FOR Service Charges										
<b>ARRIVE LOCATION :</b>	<b>MO.</b> 03	<b>DAY</b> 22	<b>YEAR</b> 2014	<b>TIME</b> 07:03	<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> NICK LANG									<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>						