

# CEMENT JOB REPORT



<b>CUSTOMER</b> ANADARKO PETROLEUM COR		<b>DATE</b> 07-JUN-14	<b>F.R. #</b> 10011073805		<b>SERV. SUPV.</b> Anthony J Staples								
<b>LEASE &amp; WELL NAME</b> NRC #26N-5HZ - API 05123391570000		<b>LOCATION</b> 8-1N-67W		<b>COUNTY-PARISH-BLOCK</b> Weld Colorado									
<b>DISTRICT</b> Bighorn		<b>DRILLING CONTRACTOR RIG #</b> XTREME 23		<b>TYPE OF JOB</b> Liner									
<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>							
Dart For Plug Catcher, 4-1/2 In	Float Shoe 4-1/2 - 8rd	Liner Packer	6811	6811	Liner	6811 6811							
	Centralizer, with Pins, 4-1/2 in												
	Float Collar, Auto Fill, 4-1/2 - 8rd												
<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>				
(50:50:2) + Adds			324	13	2.06	10.30	04:56	118.9	79.58				
Fresh Water				8.34				148.5					
Fresh Water				8.34				20					
UltraFlush				12				60					
Available Mix Water 330 Bbl.		Available Displ. Fluid 200 Bbl.	<b>TOTAL</b>		347.4		79.58						
<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>	
6.125	20	12760	4	4.5	11.6	CSG	12745	7463	N-80	12745	12690		
			3.34	4	14	DP	6811	6811	X-95				
<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>
6.3	7	26	CSG	7991	7463	Liner Packer	6811	0	0	2	1502	WATER BASED	9.5
<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>			
149	BBS	Fresh Water	8.34	995	0	0	0	0	6224	3500	frac tank		
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						Circulation Time: 2			Circulation Rate: 4 BPM				
Mud Density In: 9.5 LBS/GAL Mud Density Out: 9.5 LBS/GAL						PV & YP Mud In: 10			PV & YP Mud Out: 10				
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: 2.5 BBS							
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"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE													
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES						Quantity: 65		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													
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: none													



# 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	4631 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
12:45	0	0	0	0	N/A	Arrive on Location 13 Miles ( Rig Running Drill Pipe)	
13:00	0	0	0	0	N/A	Spot Trucks	
13:05	0	0	0	0	N/A	Pre-Rig Safety Meeting	
15:57	0	0	0	0	N/A	Pre-Job safety Meeting	
16:41	4631	0	0	0	H2O	Pressure Test	
16:52	1688	0	4.4	20	H2O	Spacer Fresh wash	
17:02	1843	0	5	58	H2O	Spacer Barite 12#	
17:17	867	0	5	123	CMT	Batch, Weigh, and Pump 13# 50:50 Poz(fly ash) Class G + .4% R-3 + .3% FL-63 + .4% FL-52 + .6% ASA-301+ .01 gps FP-6L + .2% SMS + 20% Silica Flour + 10 lbs/sks CSE-2 + 2% Bentonite	
17:30	0	0	0	0	H2O	Shut Down and washed up Pump	
17:35	0	0	0	0	H2O	Drop Dart	
17:40	1701	0	5	46	H2O	Displacement	
17:49	721	0	2.1	11	H2O	Drop Rate	
17:59	1236	0	2.1	0	H2O	Pick up Plug	
17:59	2134	0	5	85	H2O	Finish Displacement	
18:17	1750	0	2.1	7	H2O	Drop rate	
18:20	2516	0	0	0	H2O	Bump Plug @ 149 Bbls	
18:21	0	0	0	0	H2O	Check Floats (2.5 Bbls Back)	
18:35	3309	0	0	0	H2O	Test Packer	
18:43	1050	0	0	0	H2O	Sting out	
18:46	1663	0	6.2	170	H2O	Roll the 7"	
19:21	0	0	0	0	N/A	Shut Down	
19:22	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:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1750	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	10	522	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	





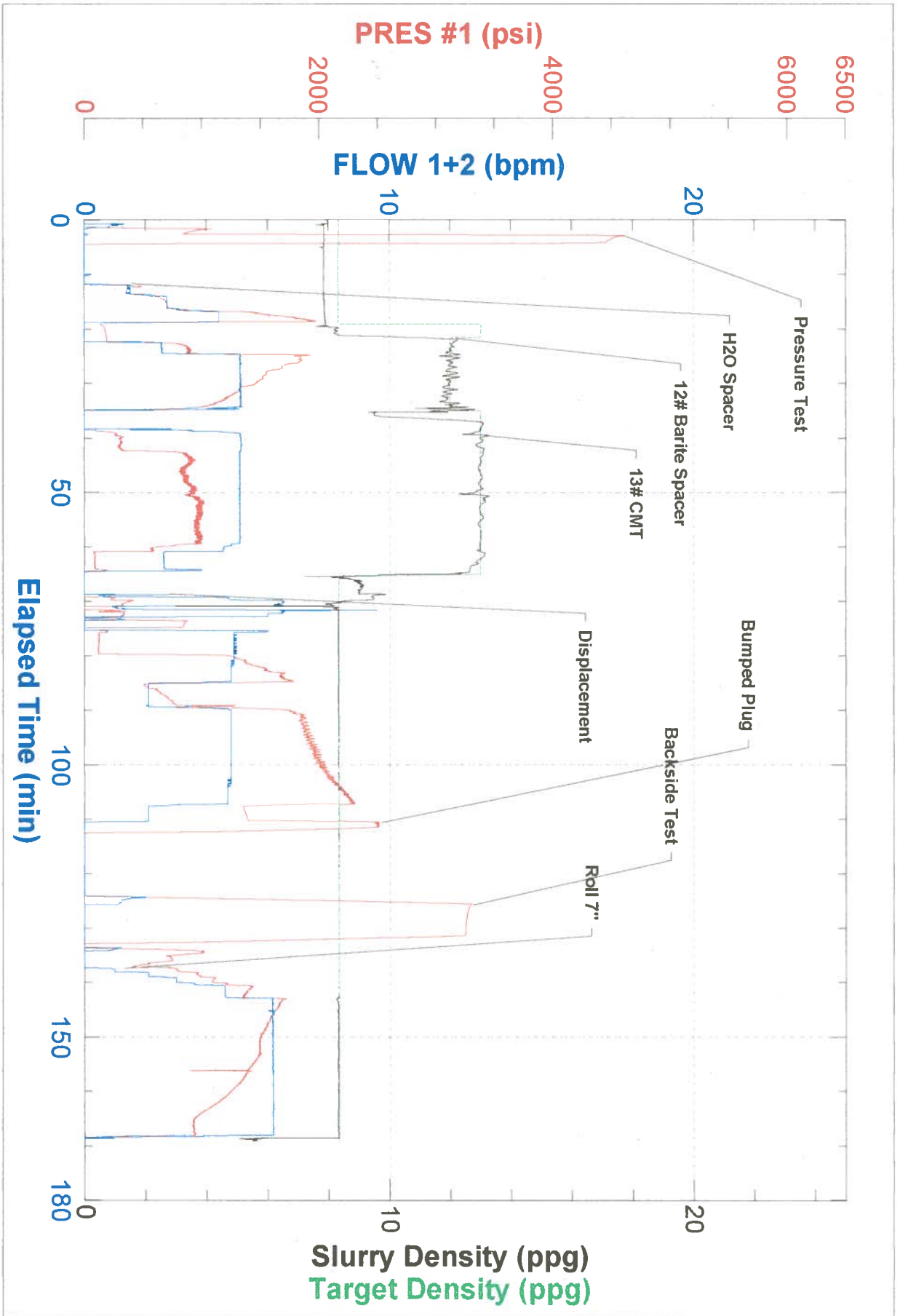
**Baker Hughes JobMaster Program Version 3.60**

Job Number: 10011073805

Customer: Anadarko

Well Name: NRC 26N-5HZ

**BAKER  
HUGHES**





FIELD RECEIPT NO. 10011073805



CUSTOMER ANADARKO PETROLEUM CORP - XML		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20002800 - 00169821		INVOICE NUMBER	
MAIL STREET OR BOX NUMBER PO BOX 1330		CITY Houston		STATE Texas		ZIP CODE 77251-1330			
INVOICE TO		DATE WORK 06 07 2014		DATE COMPLETED 06 07 2014		BHI REPRESENTATIVE Anthony J Staples			
DISTRICT BUS, BRIGHTON		JOB DEPTH (ft) 12,745		WELL CLASS : Oil		WELL TYPE : New Well			
WELL NAME AND NUMBER NRC #26N-5HZ		TD WELL DEPTH (ft) 12,760		GAS USED ON JOB : No Gas		JOB TYPE CODE : Liner			
WELL LOCATION : 8-1N-67W		LEGAL DESCRIPTION Weid		COUNTY/PARISH Colorado		STATE Colorado			
PRODUCT CODE	DESCRIPTION	UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100021	Class G Cement	sacks	162	29.700	4,811.40	58%	2,020.79		
100121	Silica Flour	lbs	5444	0.530	2,885.32	58%	1,211.83		
100275	Sodium Metasilicate	lbs	55	3.900	214.50	58%	90.09		
100283	R-3	lbs	109	3.490	380.41	58%	159.77		
100317	Poz (Fly Ash)	sacks	162	13.200	2,138.40	58%	898.13		
100356	Barite - Sacked	lbs	12200	0.600	7,320.00	58%	3,074.40		
398117	Ultra Flush II System	bbls	60	203.000	12,180.00	58%	5,115.60		
488015	FL-52	lbs	109	25.600	2,790.40	58%	1,171.97		
488019	FP-6L	gals	4	99.250	397.00	58%	166.74		
488353	CSE-2	lbs	3240	1.610	5,216.40	58%	2,190.89		
488449	Bentonite II	lbs	545	0.410	223.45	58%	93.85		
499632	Granulated Sugar	lbs	50	3.490	174.50	58%	73.29		
499705	ASA-301	lbs	164	19.250	3,157.00	58%	1,325.94		
499767	FL-63	lbs	82	68.500	5,617.00	58%	2,359.14		
G/L Acct: 80012092		SUB-TOTAL FOR PRODUCT MATERIAL		47,505.78		58.00%		19,952.43	
ARRIVE MO. 06 DAY 07 YEAR 2014 TIME 12:45		LOCATION : 06 07 2014 12:45		CUSTOMER REP.		SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS			
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.		CUSTOMER AUTHORIZED AGENT		X		X			
SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		CUSTOMER AUTHORIZED AGENT		X		X			



FIELD RECEIPT NO. 10011073805



<b>CUSTOMER</b> ANADARKO PETROLEUM CORP - XML		<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b> 20002800 - 00169821		<b>INVOICE NUMBER</b>	
<b>MAIL</b> STREET OR BOX NUMBER PO BOX 1330		<b>CITY</b> Houston		<b>STATE</b> Texas		<b>ZIP CODE</b> 77251-1330			
<b>INVOICE TO</b>									
<b>DATE WORK COMPLETED</b> 06 07 2014		<b>BHI REPRESENTATIVE</b> Anthony J Staples		<b>WELL API NO:</b> 05123391570000		<b>WELL TYPE:</b> New Well			
<b>DISTRICT</b> BJS, BRIGHTON				<b>JOB DEPTH(ft)</b> 12,745		<b>WELL CLASS:</b> Oil			
<b>WELL NAME AND NUMBER</b> NRG #26N-5HZ				<b>TD WELL DEPTH (ft)</b> 12,760		<b>GAS USED ON JOB:</b> No Gas			
<b>WELL LOCATION:</b> 8-1N-67W		<b>LEGAL DESCRIPTION</b> Weld		<b>COUNTY/PARISH</b> Colorado		<b>STATE</b> Colorado		<b>JOB TYPE CODE:</b> Liner	
<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>		
A152	Personnel Per Diem Chrg - Cement Svc	ea	1	161.500	161.50	0%	161.50		
M100	Bulk Materials Blending Charge	cu ft	615	4.170	2,564.55	58%	1,077.11		
R798	Automatic Density System	job	1	1,530.000	1,530.00	58%	642.60		
			<b>SUB-TOTAL FOR Service Charges</b>		4,256.05	55.80%	1,881.21		
F077A	Cement Pumping, 12001 - 13000 ft	8hrs	1	21,750.000	21,750.00	58%	9,135.00		
F090	Fuel per pump charge - cement	pump/hr	6	61.000	366.00	0%	366.00		
J225	Data Acquisition, Cement, Standard	job	1	1,635.000	1,635.00	58%	686.70		
J390	Mileage, Heavy Vehicle	miles	28	9.100	254.80	58%	107.02		
J391	Mileage, Auto, Pick-Up or Treating Van	miles	28	5.150	144.20	58%	60.56		
			<b>SUB-TOTAL FOR Equipment</b>		24,150.00	57.12%	10,355.28		
J401	Bulk Delivery, Dry Products	ton-mi	345	3.030	1,045.35	58%	439.05		
			<b>SUB-TOTAL FOR Freight/Delivery Charges</b>		1,045.35	58.00%	439.05		
			<b>FIELD ESTIMATE</b>		76,957.18	57.60%	32,627.97		
<b>ARRIVE LOCATION:</b> 06 07 2014 12:45		<b>MO. DAY YEAR</b>		<b>TIME</b>		<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>			
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<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>						<b>CUSTOMER AUTHORIZED AGENT</b>			
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