

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS		DATE 12-NOV-12	F.R. # 1001947556		SERV. SUPV. REESE A ANDERSON	
LEASE & WELL NAME PTASNIK 30-44-9-59 - API 05123339590000		LOCATION 30-9N-59W		COUNTY-PARISH-BLOCK Weld Colorado		
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme #19		TYPE OF JOB Intermediate		

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
7" Bot Cem Plug, Nitrile cvr, Phen	Float Collar, Auto Fill, 7 - 8rd						
7" Top Cem Plug, Nitrile cvr, Phen	Float Shoe 7 - 8rd						

PHYSICAL SLURRY PROPERTIES								
MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Drilling Mud + Biocide	0	0	9.5	0	0	00:00	68	
Fresh Water	0	0	8.33	0	0	00:00	10	
SealBond Spacer	0	0	8.4	0	0	00:00	40	
Premium Lite Cement + adds		386	12.5	1.94	10.65		133.49	97.84
50/50 (Poz/Class G Cement) + adds		140	13.5	1.71	8.30		42.71	27.67
Drilling Mud	0	0	9.5	0	0	00:00	240.11	
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		534.31		125.51

HOLE				TBG-CSG-D.P.				COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75	35	6179	6.366	7	23	CSG	6179	6083	P-110	6217	6137	6128

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH			TOP CONN		WELL FLUID	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.9	9.63	36	CSG	1440	1440	NO PACKER		0	0	0	7	8 RD	WATER BASED	9.6

DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator					
241	BBLS	Drilling Mud	9.5	1900	0	0	0	0	4242	3000	RIG TANK				

Circulation Prior to Job

Circulated Well: Rig ☒ BJ ☐ Circulation Time: 1 Circulation Rate: 6 BPM

Mud Density In: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL PV & YP Mud In: 0 PV & YP Mud Out: 0

Gas Present: NO ☒ YES ☐ Units: Solids Present at End of Circulation: NO ☒ YES ☐

Displacement And Mud Removal

Displaced By: Rig ☐ BJ ☒ Amount Bled Back After Job: 1 BBLS

Returns During Job: ☐ NONE ☐ PARTIAL ☒ FULL Method Used to Verify Returns: VISUAL

Cement Returns at Surface: ☐ YES ☒ NO Were Returns Planned at Surface: ☒ NO ☐ YES

Pipe Movement: ☐ ROTATION ☐ RECIPROICATION ☒ NONE ☐ UNABLE DUE TO STUCK PIPE

Centralizers: ☐ NO ☒ YES Quantity: 24 Type: ☒ BOW ☐ RIGID

Job Pumped Through: ☐ CHOKE MANIFOLD ☐ SQUEEZE MANIFOLD ☒ MANIFOLD ☐ NO MANIFOLD

Plugs

Number of Attempts by BJ: 0 Competition: 0 Wiper Balls Used: ☒ NO ☐ YES Quantity:

Plug Catcher Used: ☒ NO ☐ YES Parabow Used: ☒ NO ☐ YES

Was There a Bottom: ☒ NO ☐ YES Top of Plug: 0 FT Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE ☐ SHOE SQUEEZE ☐ TOP OF LINER SQUEEZE ☐ PLANNED ☐ UNPLANNED ☐

Liner Packer: ☒ NO ☐ YES Bond Log: ☒ NO ☐ YES PSI Applied: 0 Fluid Weight: 0 LBS/GAL

Casing Test (Update Original Treatment Report for Primary Job)

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:	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	4213 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
20:00	0	0	0	0	NA	YARD CALL	
22:20	0	0	0	0	NA	LEAVE YARD	
00:23	0	0	0	0	NA	ARRIVE ON LOCATION	
01:20	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP	
05:00	0	0	0	0	NA	SAFETY MEETING	
06:10	4213	0	0	0	H2O	PRESSURE TEST	
06:19	910	0	4.8	68	H2O	DRILLING MUD	
06:35	815	0	4.8	10	H2O	FRESH WATER SPACER	
06:38	674	0	4.8	40	H2O	SEAL BOND	
06:51	692	0	5.7	134	CMT	386 SACKS 12.5 PPG CEMENT	
07:19	404	0	4.1	43	CMT	140 SACKS 13.5 PPG CEMENT	
07:33	0	0	0	0	NA	DROP PLUG	
07:38	1320	0	4.8	230	H2O	DISPLACEMENT	
08:26	1328	0	3.6	11	H2O	RATE CHANGE	
08:29	1921	0	3.6	241	H2O	BUMP PLUG/40 BBLs CEMENT RETURNED	
08:45	0	0	0	0	NA	BLEED OFF/TEST FLOATS/NOT HOLDING-SHUT IN HEAD @ 300 PSI	
08:50	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1921	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 40	TOTAL BBL. PUMPED 536	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: <i>Reese Anderson</i>

X *[Signature]*

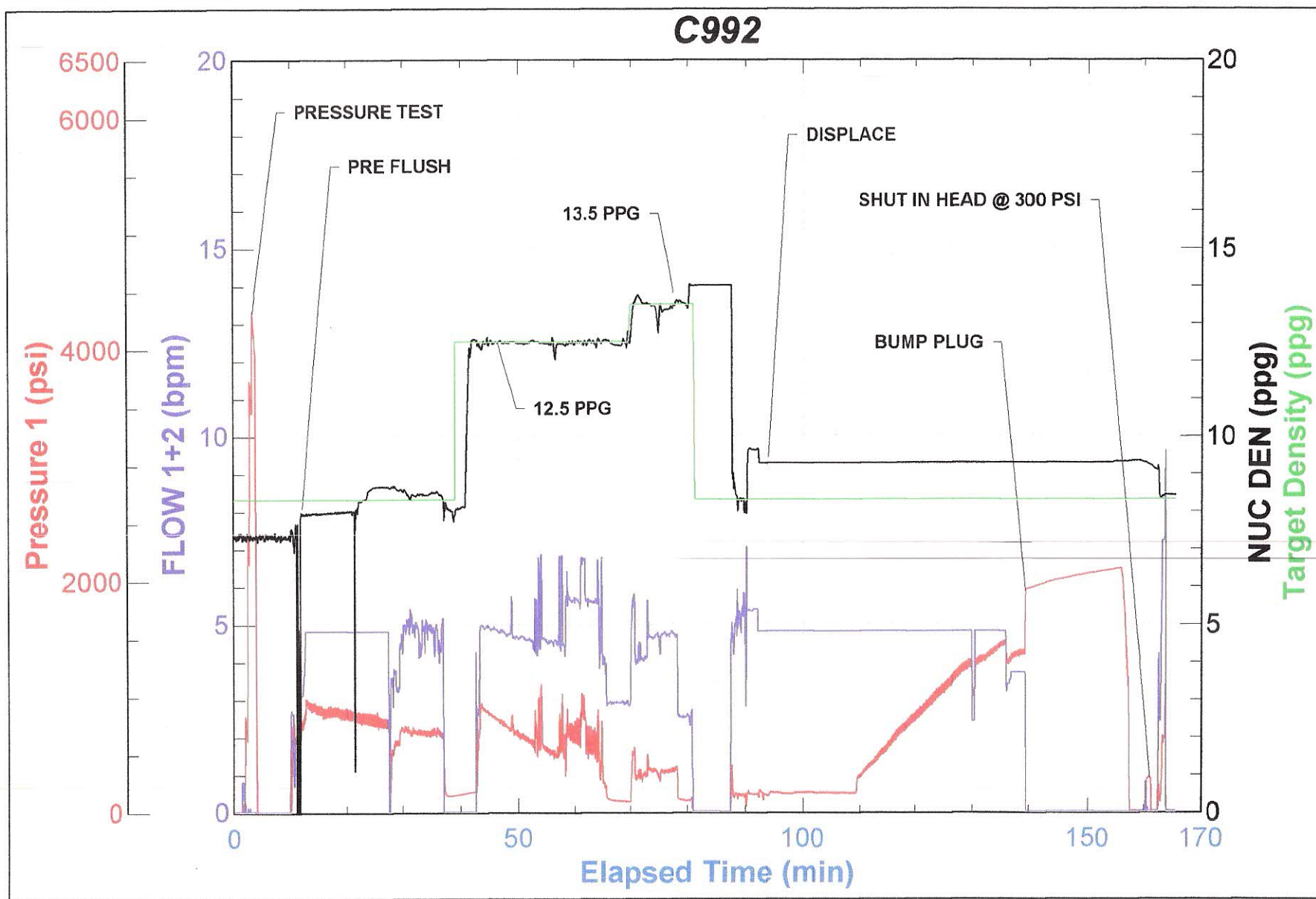


BJ Services JobMaster Program Version 3.50

Job Number: 1001947556

Customer: CARRIZZO

Well Name: PTASNIK 30-44-9-59





FIELD RECEIPT NO. 1001947556

CUSTOMER CARRIZO OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015134 - 00250300		INVOICE NUMBER	
MAIL INVOICE TO : 1000 LOUISIANA ST, STE 1699				CITY Houston		STATE Texas		ZIP CODE 77002			
DATE WORK COMPLETED MO. 11 DAY 12 YEAR 2012				BHI REPRESENTATIVE REESE A ANDERSON		WELL API NO: 05123339590000		WELL TYPE : New Well			
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 6,217		WELL CLASS : Oil					
WELL NAME AND NUMBER PTASNIK 30-44-9-59				TD WELL DEPTH (ft) 6,231		GAS USED ON JOB : No Gas					
WELL LOCATION : 30-9N-59W				LEGAL DESCRIPTION 30-9N-59W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Intermediate	
PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100021	Class G Cement				sacks	✓ 70	31.800	2,226.00	65%	779.10	
100120	Bentonite				lbs	✓ 2368	0.530	1,255.04	65%	439.26	
100121	Silica Flour				lbs	✓ 2352	0.590	1,387.68	65%	485.69	
100275	Sodium Metasilicate				lbs	✓ 12	4.100	49.20	65%	17.22	
100295	Cello Flake				lbs	✓ 84	5.100	428.40	65%	149.94	
100317	Poz (Fly Ash)				sacks	✓ 70	14.200	994.00	65%	347.90	
398224	Premium Lite Cement				sacks	✓ 386	27.650	10,672.90	65%	3,735.52	
398416	SealBond Spacer (w/ 30lb pail)				bbls	✓ 40	277.200	11,088.00	65%	3,880.80	
488015	FL-52				lbs	✓ 182	26.900	4,895.80	65%	1,713.53	
488019	FP-6L				gals	✓ 6	104.250	625.50	65%	218.93	
488252	Magnacide 575				gals	✓ 2	307.000	614.00	65%	214.90	
488521	SealBond Plus				lbs	✓ 600	4.730	2,838.00	65%	993.30	
499632	Granulated Sugar				lbs	✓ 100	3.840	384.00	65%	134.40	
SUB-TOTAL FOR Product Material								37,458.52	65.00%	13,110.49	
ARRIVE LOCATION : MO. 11 DAY 13 YEAR 2012 TIME 00:23					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.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
CUSTOMER REP. JEFF MYERS					CUSTOMER AUTHORIZED AGENT				X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									X		
					BHI APPROVED				X		

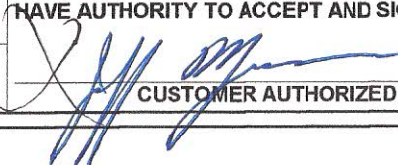


FIELD RECEIPT NO. 1001947556

CUSTOMER CARRIZO OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015134 - 00250300		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER 1000 LOUISIANA ST, STE 1699				CITY Houston		STATE Texas		ZIP CODE 77002			
DATE WORK COMPLETED MO. 11 DAY 12 YEAR 2012		BHI REPRESENTATIVE REESE A ANDERSON		WELL API NO: 05123339590000		WELL TYPE : New Well					
DISTRICT BJS, BRIGHTON				JOB DEPTH (ft) 6,217		WELL CLASS : Oil					
WELL NAME AND NUMBER PTASNIK 30-44-9-59				TD WELL DEPTH (ft) 6,231		GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 30-9N-59W		COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Intermediate			
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
A152	Personnel Per Diem Chrg - Cement Svc			ea	1	210.000	210.00	0%	210.00		
M100	Bulk Materials Blending Charge			cu ft	653	5.450	3,558.85	65%	1,245.60		
R798	Automatic Density System			job	1	1,990.000	1,990.00	65%	696.50		
	SUB-TOTAL FOR Service Charges						5,758.85	62.63%	2,152.10		
F065A	Cement Pumping, 6001 - 7000 ft			6hrs	1	8,300.000	8,300.00	65%	2,905.00		
F088	Cement Pumping, Additional hrs			hrs	2	900.000	1,800.00	0%	1,800.00		
F090	Fuel per pump charge - cement			pump/hr	6	70.250	421.50	0%	421.50		
J050	Cement Head			job	1	830.000	830.00	65%	290.50		
J390	Mileage, Heavy Vehicle			miles	172	11.850	2,038.20	65%	713.37		
J391	Mileage, Auto, Pick-Up or Treating Van			miles	172	6.700	1,152.40	65%	403.34		
	SUB-TOTAL FOR Equipment						14,542.10	55.07%	6,533.71		
J401	Bulk Delivery, Dry Products			ton-mi	2225	3.940	8,766.50	65%	3,068.28		
	SUB-TOTAL FOR Freight/Delivery Charges						8,766.50	65.00%	3,068.28		
ARRIVE LOCATION :		MO. 11	DAY 13	YEAR 2012	TIME 00:23	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.			SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.		
CUSTOMER REP. JEFF MYERS					CUSTOMER AUTHORIZED AGENT			X			
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								X			
					CUSTOMER AUTHORIZED AGENT			BHI APPROVED <i>[Signature]</i>			



FIELD RECEIPT NO. 1001947556

CUSTOMER CARRIZO OIL & GAS				CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 20015134 - 00250300		INVOICE NUMBER	
MAIL INVOICE TO : STREET OR BOX NUMBER 1000 LOUISIANA ST, STE 1699				CITY Houston		STATE Texas		ZIP CODE 77002			
DATE WORK COMPLETED		MO. 11	DAY 12	YEAR 2012	BHI REPRESENTATIVE REESE A ANDERSON		WELL API NO: 05123339590000		WELL TYPE : New Well		
DISTRICT BJS, BRIGHTON					JOB DEPTH (ft) 6,217			WELL CLASS : Oil			
WELL NAME AND NUMBER PTASNIK 30-44-9-59					TD WELL DEPTH (ft) 6,231			GAS USED ON JOB : No Gas			
WELL LOCATION :		LEGAL DESCRIPTION 30-9N-59W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Intermediate		
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
		FIELD ESTIMATE							66,525.97	62.62%	24,864.58
<p>Well: <u>PTASNIK 30-44-9-59</u> AFE: <u>311-224</u> Code: <u>160-110</u> Description: <u>7" CEMENT</u> Amount Approved: <u>24,864.58</u> Approved By: <u>[Signature]</u></p>											
ARRIVE LOCATION :		MO. 11	DAY 13	YEAR 2012	TIME 00:23	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.				SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.	
CUSTOMER REP. JEFF MYERS						 CUSTOMER AUTHORIZED AGENT				CUSTOMER AUTHORIZED AGENT <input checked="" type="checkbox"/>	
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										BHI APPROVED <input checked="" type="checkbox"/> 