

# CEMENT JOB REPORT



<b>CUSTOMER</b> CARRIZO OIL & GAS			<b>DATE</b> 01-OCT-12		<b>F.R. #</b> 1001938671		<b>SERV. SUPV.</b> CHRISTOPHER M MCKEON						
<b>LEASE &amp; WELL NAME</b> JONES 18-14-10-59 - API 05123353130000			<b>LOCATION</b> 18-10N-59W			<b>COUNTY-PARISH-BLOCK</b> Weld Colorado							
<b>DISTRICT</b> Brighton			<b>DRILLING CONTRACTOR RIG #</b> Xtreme #19			<b>TYPE OF JOB</b> Intermediate							
<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>		
7" Top Cem Plug, Nitrile cvr, Phen		Centralizer, with Fins, 7 in											
		Float Collar, Auto Fill, 7 - 8rd											
		Float Shoe 7 - 8rd											
<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 FT3</b>	<b>WATER GPS</b>	<b>PUMP TIME HR:MIN</b>	<b>Bbl SLURRY</b>	<b>Bbl MIX WATER</b>		
Drilling Mud + Biocide					0	9.5	0	0	00:00	68			
Fresh Water					0	8.33	0	0	00:00	10			
SealBond Spacer					0	8.4	0	0	00:00	40			
Premium Lite Cement + adds					443	12.5	1.94	10.65	03:00	153.20	112.29		
50/50 (Poz/Class G Cement) + adds					135	13.5	1.71	8.30	03:00	41.18	26.68		
Drilling Mud					0	9.5	0	0	00:00	261.84			
Available Mix Water 400 Bbl.			Available Displ. Fluid 400 Bbl.			<b>TOTAL</b>			574.22	138.97			
<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>	
8.75	35	6746	6.366	7	23	CSG	6731	6731	P-110	6731	6646	0	
<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>
8.9	9.63	36	CSG	1442	1442	No packer		0	0	7	8RD	WATER BASED	9.6
<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>			
261.6	BBLS	Drilling Mud	9.5	1029	0	0	0	0	7968	3000	Rig Tank		
<b>Circulation Prior to Job</b>													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>						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 <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 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"/> 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: 54		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							



# 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)  
 NA

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)  
 NA

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)  
 NA

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NA

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 4036 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
18:20	0	0	0	0	NA	Arrive location	
18:25	0	0	0	0	NA	Spot trucks	
18:30	0	0	0	0	NA	Rig up safety meeting	
19:50	0	0	0	0	NA	Pre job safety meeting	
20:16	3650	0	0	0	H2O	Low pressure test	
20:17	4665	0	0	0	H2O	High pressure test	
20:18	656	0	5	5	H2O	Fresh water	
20:19	0	0	0	0	NA	Shut down/ Pin leaking at collar/ Rig down and repaired	
20:40	4036	0	0	0	H2O	Pressure test	
20:42	765	0	5	5	H2O	Fresh water	
20:45	521	0	5	40	H2O	Seal Bond Spacer	
20:57	565	0	6	147	CMT	Batch up, weigh and pump 443 sx. PLC @ 12.5 ppg.	
21:22	171	0	5	39	CMT	Batch up, weigh and pump 135 sx. 50/50 Poz (Fly Ash) Class G Cement @ 13.5 ppg.	
21:33	0	0	0	0	NA	Drop plug	
21:37	103	0	5	10	H2O	Start displacement	
21:39	1222	0	7.2	140	MUD	Rate change	
22:00	1545	0	6	60	MUD	Rate Change	
22:09	1520	0	4.8	40	MUD	Rate change	
22:18	1474	0	3.6	11.5	H2O	Rate change	
21:21	1512	0	3.6	261.5	H2O	Bump plug	
22:26	2238	0	0	0	NA	Plug down	
	0	0	0	0	NA	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	1512	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	30	497.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

X

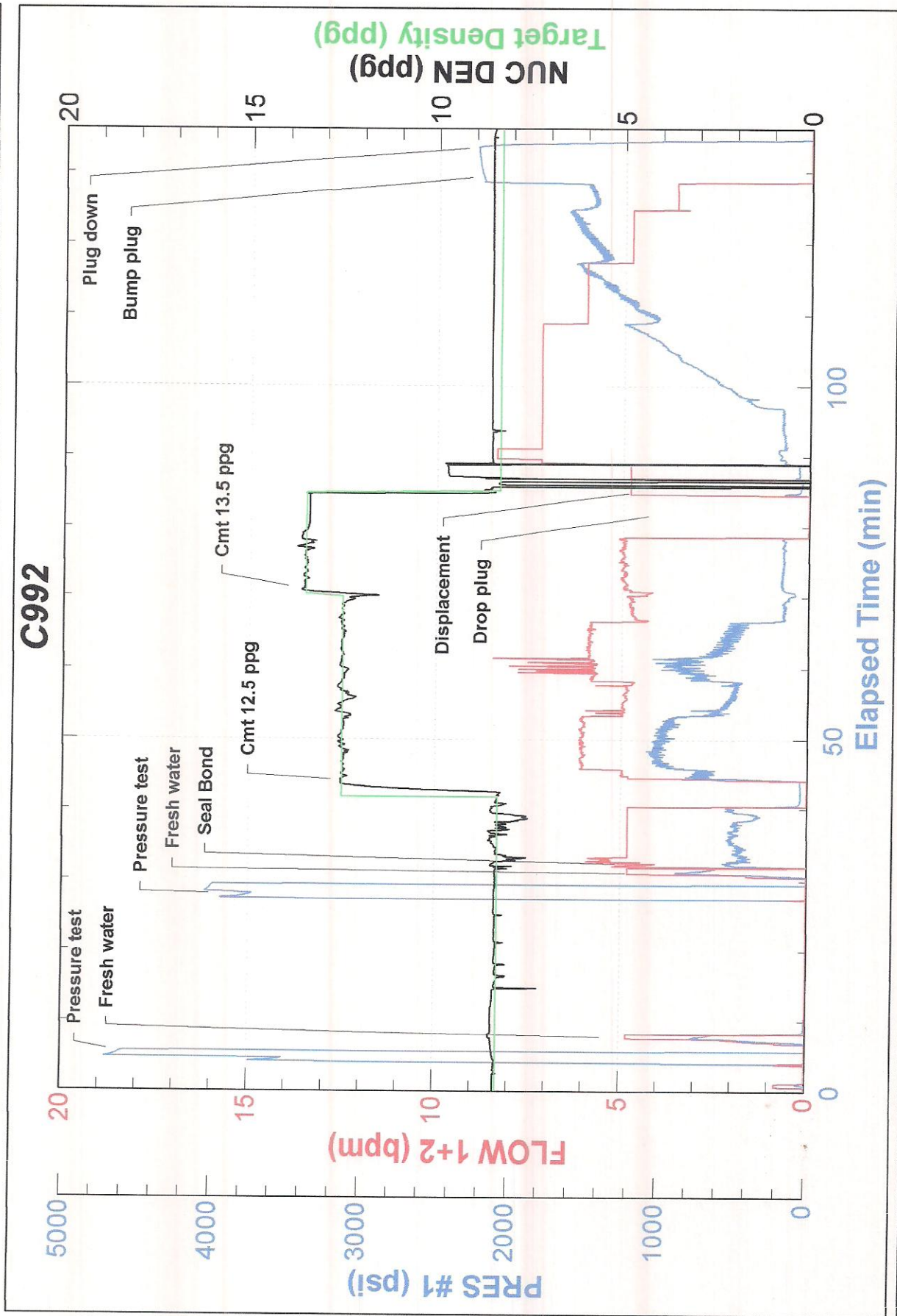


BJ Services JobMaster Program Version 3.50

Job Number: 1001938671

Customer: Carrizo

Well Name: Jones 18-14-10-59







FIELD RECEIPT NO. 1001938671

<b>CUSTOMER</b>				<b>CREDIT APPROVAL NO.</b>		<b>PURCHASE ORDER NO.</b>		<b>CUSTOMER NUMBER</b>		<b>INVOICE NUMBER</b>		
<b>MAIL INVOICE TO :</b>				<b>STREET OR BOX NUMBER</b>		<b>CITY</b>		<b>STATE</b>		<b>ZIP CODE</b>		
				1000 LOUISIANA ST, STE 1699		Houston		Texas		77002		
<b>DATE WORK COMPLETED</b>		<b>MO.</b>	<b>DAY</b>	<b>YEAR</b>	<b>BHI REPRESENTATIVE</b>		<b>WELL API NO:</b>		<b>WELL TYPE :</b>			
10/01/2012		10	01	2012	CHRISTOPHER M MCKEON		05123353130000		New Well			
<b>DISTRICT</b>				<b>JOB DEPTH (ft)</b>				<b>WELL CLASS :</b>				
BUS, BRIGHTON				6,731				Oil				
<b>WELL NAME AND NUMBER</b>				<b>TD WELL DEPTH (ft)</b>				<b>GAS USED ON JOB :</b>				
JONES 18-14-10-59				6,746				No Gas				
<b>WELL LOCATION :</b>		<b>LEGAL DESCRIPTION</b>		<b>COUNTY/PARISH</b>		<b>STATE</b>		<b>JOB TYPE CODE :</b>				
		18-10N-59W		Weld		Colorado		Intermediate				
<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>		
100021	Class G Cement				sacks	68	31.800	2,162.40	65%	756.84		
100120	Bentonite				lbs	2654	0.530	1,406.62	65%	492.32		
100121	Silica Flour				lbs	2268	0.590	1,338.12	65%	468.34		
100275	Sodium Metasilicate				lbs	12	4.100	49.20	65%	17.22		
100295	Cello Flake				lbs	97	5.100	494.70	65%	173.15		
100317	Poz (Fly Ash)				sacks	68	14.200	965.60	65%	337.96		
398224	Premium Lite Cement				sacks	443	27.650	12,248.95	65%	4,287.13		
398416	SealBond Spacer (w/ 30lb pail)				bbls	40	277.200	11,088.00	65%	3,880.80		
488015	FL-52				lbs	201	26.900	5,406.90	65%	1,892.42		
488019	FP-6L				gals	5	104.250	521.25	65%	182.44		
488252	Magnacide 575				gals	1	307.000	307.00	65%	107.45		
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		
<b>SUB-TOTAL FOR Product Material</b>								39,210.74	65.00%	13,723.77		
<b>ARRIVE LOCATION :</b>					<b>MO.</b>	<b>DAY</b>	<b>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>			
					10	01	2012	18:20				
<b>CUSTOMER REP.</b>					<b>SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.</b>							
Jeff Myers					X CUSTOMER AUTHORIZED AGENT							
<b>SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS</b>					X BHI APPROVED							





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MAIL INVOICE TO:		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE				
		1000 LOUISIANA ST, STE 1699		Houston		Texas		77002				
DATE WORK COMPLETED	MO. DAY YEAR	BHI REPRESENTATIVE		WELL API NO:		WELL TYPE:						
10 01 2012		CHRISTOPHER M MCKEON		05123353130000		New Well						
DISTRICT				JOB DEPTH (ft)		WELL CLASS:						
BJS, BRIGHTON				6,731		Oil						
WELL NAME AND NUMBER				TD WELL DEPTH (ft)		GAS USED ON JOB:						
JONES 18-14-10-59				6,746		No Gas						
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:				
		18-10N-59W		Weld		Colorado		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	210.00	210.00	0%	210.00				
M100	Bulk Materials Blending Charge		cu ft	707	5.450	3,853.15	65%	1,348.60				
R798	Automatic Density System		job	1	1,990.00	1,990.00	65%	696.50				
		SUB-TOTAL FOR Service Charges				6,053.15	62.75%	2,255.10				
F065A	Cement Pumping, 6001 - 7000 ft		6hrs	1	8,300.00	8,300.00	65%	2,905.00				
F090	Fuel per pump charge - cement		pump/hr	4	70.250	281.00	0%	281.00				
J050	Cement Head		job	1	830.00	830.00	65%	290.50				
J390	Mileage, Heavy Vehicle		miles	194	11.850	2,298.90	65%	804.62				
J391	Mileage, Auto Pick-Up or Treating Van		miles	194	6.700	1,299.80	65%	454.93				
		SUB-TOTAL FOR Freight/Delivery Charges				13,009.70	63.60%	4,736.05				
J401	Bulk Delivery, Dry Products		ton-mi	2736	3.940	10,779.84	65%	3,772.94				
		SUB-TOTAL FOR Freight/Delivery Charges				10,779.84	65.00%	3,772.94				
		Description: FIVE TEN MEDIAN CEMENT				69,053.43	64.54%	24,487.86				
		Amount Approved: 244,458.86										
		Approved By: [Signature]										
ARRIVE LOCATION:	MO. DAY YEAR	TIME		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.								
10 01 2012	18:29											
CUSTOMER REP.	Jeff Myers		CUSTOMER AUTHORIZED AGENT		CUSTOMER AUTHORIZED AGENT							
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		[Signature]		BHI APPROVED								