

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 08-MAY-15		F.R. # 10011154237		SERV. SUPV. Edgar Lozano Diaz	
LEASE & WELL NAME PTASNIK #4-30-9-59 - API 05123412430000		LOCATION 30-9N-59W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme Coil #19		TYPE OF JOB Intermediate			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD
Cement Plug, Rubber, Top 7 in		Float Shoe 7 - 8rd					
Cement Plug, Rubber, Bottom 7 in		Float Collar, Al Flap, 7 - 8rd					
		Stop Collar, 7 in					
		Centralizer, with Fins, 7 in					
		Thread Locking Compound					
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS
UltraFlush II					8.4		
Premium Lite Cmt + adds				276	12.5	1.94	10.64
50:50 (Poz:ClassG) + adds				163	13.5	1.45	7.05
Drilling Mud					9.9		
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL		423	96.97
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD
8.75	15	6361	6.366	7	23	CSG	6341
				TVD	GRADE	SHOE	FLOAT
				6300	N-80	6341	6253.6
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH
8.9	9.63	36		1645	1645	no packer	0
				TOP	BTM	SIZE	THREAD
				0	0	7	8RD
						TYPE	WGT.
						WATER BASED	9.6
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED
246	BBLS	Drilling Mud	9.9	1600	0	0	0
				MAX CSG PSI	MIX WATER		
				6500	5000	RIG TANK	
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1		Circulation Rate: 4 BPM	
Mud Density In: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL				PV & YP Mud In:		PV & YP Mud Out:	
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> Units:				Solids Present at End of Circulation: NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>			
Displacement And Mud Removal							
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1.5 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE							
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 61		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							
Plugs							
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	
Squeezes (Update Original Treatment Report for Primary Job)							
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	
Casing Test (Update Original Treatment Report for Primary Job)							
Casing Test Pressure: 1600 PSI With 9.6 LBS/GAL Mud				Time Held: 00 Hours 15 Minutes			

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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

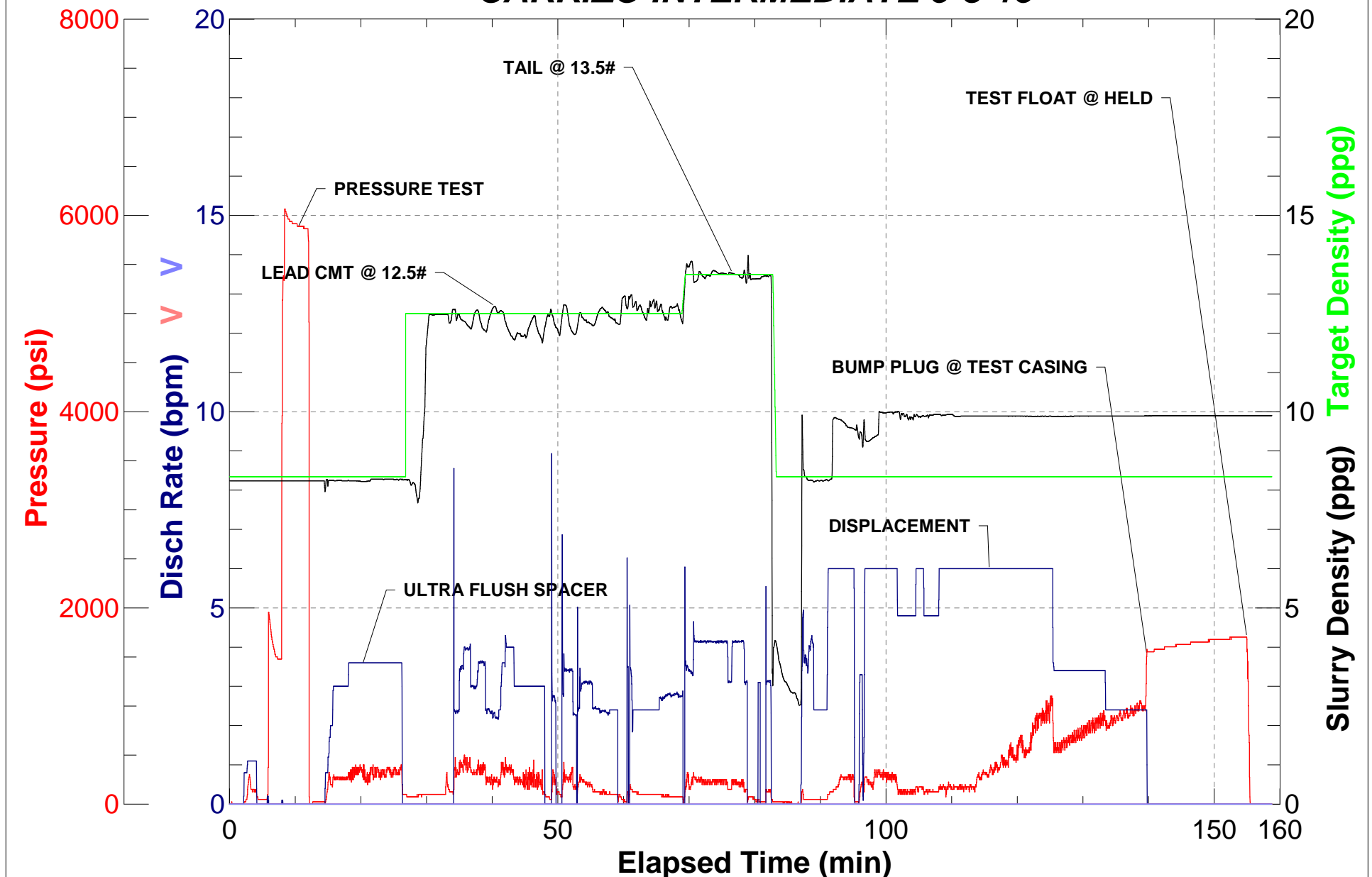
Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 NA

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

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

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	6000 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
10:00	0	0	0	0	0	LEAVE THE YARD	
12:15	0	0	0	0	0	ARRIVE TO LOCATION	
12:40	0	0	0	0	0	SPOT TRUCK	
12:50	0	0	0	0	0	RIG UP SAFETY MEETING	
13:55	0	0	0	0	0	SAFETY MEETING	
14:30	0	0	0	0	0	STAB HEAD	
14:50	200	0	1	2	H2O	LOAD THE LINE	
14:53	1500	0	0	0	0	LOW PRESSURE TEST	
14:56	6000	0	0	0	0	PRESSURE TEST	
15:00	250	0	3	40	H2O	ULTRA FLUSH SPACER	
15:22	220	0	3	95	CMT	LEAD CEMENT @ 12.5# 276 SACKS	
01:55	260	0	4	42	CMT	TAIL CEMENT @ 13.5# 163 SACKS	
16:10	0	0	0	0	0	DROP TOP PLUG	
16:21	200	0	3	20	H2O	DISPLACEMENT PRESSURE @ RATE	
16:37	175	0	6	80	MUD	DISPLACEMENT PRESSURE @ RATE	
16:53	1000	0	6	100	MUD	DISPLACEMENT PRESSURE @ RATE	
17:04	900	0	3.4	30	MUD	PRESSURE @ RATE	
17:06	1000	0	2.4	16	MUD	SLOW PRESSURE @ RATE	
17:10	1600	0	0	0	0	BUMP PLUG @ START CASING TEST	
17:26	0	0	0	0	0	TEST FLOAT @ HELD	
17:30	0	0	0	0	0	SHUT DOWN JOB DONE	
17:40	0	0	0	0	0	RIG DOWN MEETING	
00:00	0	0	0	0	0	TOP OF LEAD @ 1337' CALCULATE	
00:00	0	0	0	0	0	TOP OF TAIL @ 4885' CALCULATE	
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PSI TO BUMP PLUG 1600	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 424	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:

CARRIZO INTERMEDIATE 5-8-15





CEMENTING LABORATORY REPORT

Lab Report # C05-021-15

Proposal #1001178753B

COMPANY : Carrizo Oil & Gas Inc.			DATE: May 7, 2015	
WELL NAME: Ptasnik #4-30-9-59			LOCATION: 30-9N-59W	
DISTRICT: Brighton			TYPE JOB: Intermediate Field Blend	
API #:	05-123-41243-0000	RIG #:	Xtreme 19	
DEPTH MD/TVD(ft):	6350	6320. #	BHST(°F): 184 °F	
CASING SIZE("/#):	7 in	23. #	BHCT(°F): 153 °F	
TUBING SIZE("/#):			BHSqT(°F): 155 °F	
HOLE SIZE("):	8 3/4 in		TOL (°F):	Static Circ

SLURRY DESIGN DATA

#1	Lead Field Blend : Premium Lite Cement + 6% Bentonite + 0.3% FL-52 + 0.25 pps Cello Flake + 0.04% Static Free + 0.5 gps FP-6L
#2	Tail Field Blend : (50:50) Poz:Class G Cement + 3% Bentonite + 0.4% FL-52 + 0.3% Sodium Metasilicate + 0.04% Static Free + 0.5 gps FP-6L
#3	

SLURRY PROPERTIES		#1	#2	#3
Density : ppg		12.50	13.50	
Yield :cu.ft./sk.		1.94	1.45	
Mixing Water: gal/sk.		10.64	7.05	
Water Type:		Fresh	Fresh	
Testing Temperature :		150 °F	150 °F	
Thickening Time: hrs:mins.		2:19	2:22	
Free Water: mls.				
Fluid Loss:ml/30min				
Compressive Strength:				
	hrs.			
	hrs.			
Rheologies	RPM			
	300			
	200			
	100			
	60			
	30			
	6			
	3			
	600			
	PV			
	YP			
Gel Strength : #/100sq.ft.	10 sec.			
	10 min.			

REMARKS :	
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COMMENTS : The above data is supplied solely for informational purposes and Baker Hughes makes no guarantees or warranties, either express or implied, with respect to the accuracy or use of this data. All product warranties and guarantees shall be governed by the standard contract terms at the time of sale.



FIELD RECEIPT NO. 10011154237

CUSTOMER CARRIZO OIL & GAS INC XML					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040003338 - 0040139823-1		INVOICE NUMBER	
MAIL INVOICE TO : 500 DALLAS STREET, SUITE 2499					CITY Houston		STATE Texas		ZIP CODE 77063			
DATE WORK COMPLETED 05 08 2015		BHI REPRESENTATIVE Edgar Lozano Diaz			WELL API NO: 05123412430000		WELL TYPE : New Well					
DISTRICT PP, BRIGHTON					JOB DEPTH(ft) 6,341		WELL CLASS : Oil					
WELL NAME AND NUMBER PTASNIK #4-30-9-59					TD WELL DEPTH(ft) 6,361		GAS USED ON JOB : No Gas					
WELL LOCATION : 30-9N-59W		LEGAL DESCRIPTION Weld			COUNTY/PARISH Colorado		STATE Intermediate					
WELL LOCATION :		LEGAL DESCRIPTION			COUNTY/PARISH		STATE		JOB TYPE CODE :			
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT	
100275		Sodium Metasilicate				lbs	42	4.100	172.20	73%	46.49	
100295		Cello Flake				lbs	69	5.100	351.90	73%	95.01	
100317		Poz (Fly Ash)				sacks	82	14.200	1,164.40	73%	314.39	
398117		Ultra Flush II System				bbls	40	213.500	8,540.00	73%	2,305.80	
398224		Premium Lite Cement				sacks	276	27.650	7,631.40	73%	2,060.48	
488015		FL-52				lbs	127	26.900	3,416.30	73%	922.40	
488019		FP-6L				gals	3	104.250	312.75	73%	84.44	
488449		Bentonite II				lbs	1852	0.440	814.88	73%	220.02	
499680		Static Free				lbs	16	40.700	651.20	73%	175.82	
L100021-00		Class G Cement				sacks	82	31.800	2,607.60	73%	704.05	
		SUB-TOTAL FOR Product Material							25,662.63	73.00%	6,928.90	
A152		Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00	
M100		Bulk Materials Blending Charge				cu ft	487	5.450	2,654.15	73%	716.62	
R798		Automatic Density System				job	1	1,990.000	1,990.00	73%	537.30	
		SUB-TOTAL FOR Service Charges							4,854.15	69.84%	1,463.92	
ARRIVE LOCATION : 05 08 2015 12:15		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		CUSTOMER AUTHORIZED AGENT						X				
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS								X				



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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	
F065A		Cement Pumping, 6001 - 7000 ft				6hrs	1	8,300.000	8,300.00	73%	2,241.00	
F090		Fuel per pump charge - cement				pump/hr	6	70.250	421.50	0%	421.50	
H9985		Float Equipment (Charge 8 of 8)				ea	1	1,849.700	1,849.70	0%	1,849.70	
J050		Cement Head				job	1	830.000	830.00	73%	224.10	
J225		Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	73%	575.10	
J390		Mileage, Heavy Vehicle				miles	180	11.850	2,133.00	73%	575.91	
J391		Mileage, Auto, Pick-Up or Treating Van				miles	180	6.700	1,206.00	73%	325.62	
		SUB-TOTAL FOR Equipment							16,870.20	63.17%	6,212.93	
J401		Bulk Delivery, Dry Products				ton-mi	1796	3.940	7,076.24	73%	1,910.58	
		SUB-TOTAL FOR Freight/Delivery Charges							7,076.24	73.00%	1,910.58	
		FIELD ESTIMATE							54,463.22	69.67%	16,516.33	
ARRIVE LOCATION :		MO. 05	DAY 08	YEAR 2015	TIME 12:15	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					CUSTOMER AUTHORIZED AGENT					CUSTOMER AUTHORIZED AGENT X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										BHI APPROVED X		