

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 26-APR-15		F.R. # 10011152427		SERV. SUPV. Anthony J Staples	
LEASE & WELL NAME PTASNIK #3-30-9-59 - API 05123412420000		LOCATION 30-9N-59W		COUNTY-PARISH-BLOCK Weld Colorado			
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Xtreme Coil #19		TYPE OF JOB Surface			
SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS		MD	TVD	HANGER TYPES	MD TVD
Cement Plug, Rubber, Top 9-5/8 in	Float Shoe 9-5/8 - 8rd						
	Float Collar, Auto Fill, 9-5/8 - 8rd						
	Centralizer, with Pins, 9-5/8 in						
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES			
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY Bbl MIX WATER
Fresh Water + 2 lbs Red Dye		0	8.34	0	0		15
Type III Cmt + adds	C04-069-15	146	14.5	1.41	6.82	01:20	36.58 23.70
Premium Lite Cmt + adds	C04-069-15	339	13	1.81	9.46	06:10	109.53 76.35
Fresh Water		0	8.34	0	0		122
Available Mix Water 250 Bbl.		Available Displ. Fluid 250 Bbl.		TOTAL		283.11 100.05	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS	
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD TVD GRADE SHOE FLOAT STAGE
12.25	100	1640	8.921	9.625	36	CSG	1620 1620 J-55 1620 1578 1
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.
15.	16	65		70	70	No Packer	0 0 9.625 8RND WATER BASED 8.5
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
122	BBLS	Fresh Water	8.34	408	0	0	0 0 2816 2000 Day Tank
Circulation Prior to Job							
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1 Circulation Rate: 2.6 BPM			
Mud Density In: 8.5 LBS/GAL Mud Density Out: 8.5 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 checked="" type="checkbox"/> YES <input type="checkbox"/>			
Displacement And Mud Removal							
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 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: 16		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: 1550 PSI With 8.34 LBS/GAL Mud				Time Held: 00 Hours 05 Minutes			
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None							

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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)
 None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 None

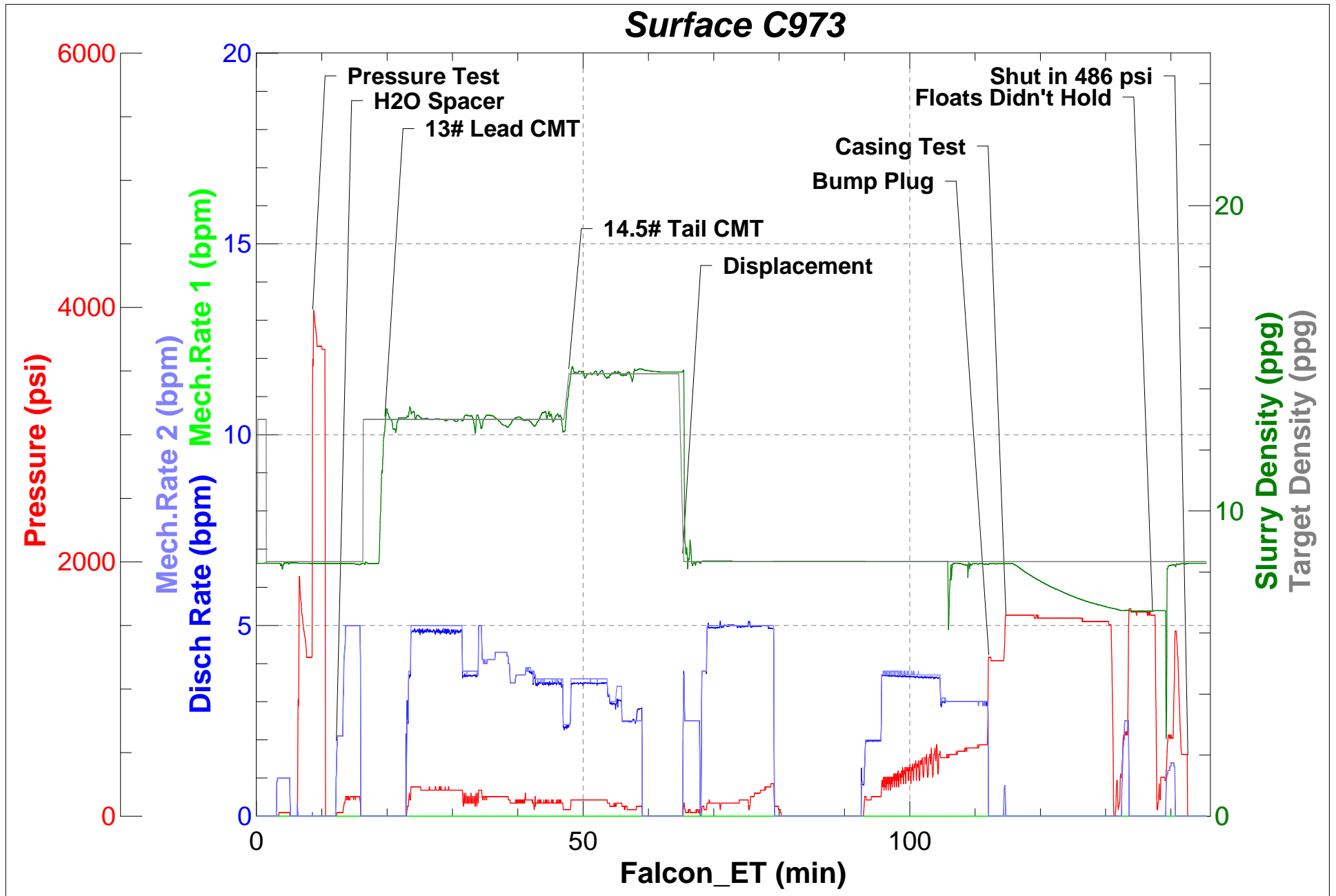
Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 None

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 4001 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>
00:01	0	0	0	0	N/A	Leave Yard
02:00	0	0	0	0	N/A	Arrive on Location...83 Miles Casing Crew Rigging Up
07:50	0	0	0	0	N/A	Spot Trucks
08:00	0	0	0	0	N/A	Pre-Rig Up Safety Meeting
08:33	0	0	0	0	N/A	Pre-Job Safety Meeting
09:15	27	0	1	2	H2O	Load Lines
09:18	4001	0	0	0	H2O	Pressure Test
09:22	154	0	5	15	H2O	Fresh Water Spacer
09:28	205	0	4.9	105	CMT	Batch, Weigh and Pump 339sks 13# Premium Lite Cement + .04% Static Free + 3% CaCl + 3% NaCl + .25 lbs/sk Cello Flake + 6% Bentonite !!
09:55	129	0	3.5	36	CMT	Batch and Pump 146sks 14.5# Type III Cement + .04 lbs/sk Static Free + 1.5% CaCl + .25 lbs/sk Cello Flake
10:08	0	0	0	0	H2O	Shut Down/Wash Up Mixing Tub
10:13	0	0	0	0	H2O	Release Plug
10:13	265	0	5	60	H2O	Displace
10:30	0	0	0	0	N/A	Shut Down/Pin Leaking
10:41	511	0	3.7	40	H2O	Displace
10:53	562	0	3	22	H2O	Rate Change
11:00	1250	0	0	0	H2O	Bumped Plug @ 122Bbls away 30Bbls CMT to Surface
11:03	1550	0	0	0	H2O	Casing Test
11:19	0	0	0	0	H2O	Check Floats/Floats Did Not Hold
11:30	486	0	0	0	H2O	Shut Psi In
11:35	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	1250	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	30	280	486	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



Surface C973





CEMENTING LABORATORY REPORT
Lab Report # C04-069-15
Proposal #1001178502A

COMPANY : Carrizo Oil & Gas Inc			DATE: April 25, 2015
WELL NAME: Ptasnik #3-30-9-59 FB			LOCATION: Sec. 30, 9N-59W
DISTRICT: Brighton			TYPE JOB: Surface Field Blend
API #: 05-123-41242-000	RIG #: Xtreme Coil #19	TOC(md):	
DEPTH MD/TVD(ft): 1650		BHST(°F): 114 °F	
CASING SIZE("/#): 9 5/8 in	36. #	BHCT(°F): 87 °F	
TUBING SIZE("/#):		BHSqT(°F): 98 °F	
HOLE SIZE("): 12 1/4 in		TOL (°F):	Static Circ

SLURRY DESIGN DATA

#1	Lead Slurry FB: Premium Lite Cement + 6% Bentonite II +3% CaCl ₂ + 3% NaCl ₂ + 0.25 pps Cello Flake + 0.04% Static Free + 0.05 gal/100 sack FP-6L
#2	Tail Slurry FB: Type III Cement + 1.5% CaCl ₂ + 0.25 pps Cello Flake + 0.04 pps Static Free + 0.5 gal/100sack FP-6L
#3	

SLURRY PROPERTIES			#1		#2		#3	
Density : ppg			13.00		14.50			
Yield :cu.ft./sk.			1.81		1.41			
Mixing Water: gal/sk.			9.46		6.82			
Water Type:			Fresh		Fresh			
Testing Temperature :			84 °F		85 °F			
Thickening Time: hrs:mins.			6:10		1:20			
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. 10011152427

CUSTOMER CARRIZO OIL & GAS INC XML					CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER 0040003338 - 0040139823-1		INVOICE NUMBER		
MAIL INVOICE TO					STREET OR BOX NUMBER 500 DALLAS STREET, SUITE 2499			CITY Houston		STATE Texas		ZIP CODE 77063	
DATE WORK COMPLETED		MO. 04	DAY 26	YEAR 2015	BHI REPRESENTATIVE Anthony J Staples		WELL API NO: 05123412420000		WELL TYPE : New Well				
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 1,620			WELL CLASS : Oil					
WELL NAME AND NUMBER PTASNIK #3-30-9-59					TD WELL DEPTH (ft) 1,640			GAS USED ON JOB : No Gas					
WELL LOCATION :		LEGAL DESCRIPTION 30-9N-59W			COUNTY/PARISH Weld		STATE Colorado		JOB TYPE CODE : Surface				
PRODUCT CODE		DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
100112		Calcium Chloride				lbs	1091	1.290	1,407.39	76%	337.77		
100295		Cello Flake				lbs	122	5.100	622.20	76%	149.33		
100404		Sodium Chloride				lbs	802	0.520	417.04	76%	100.09		
398224		Premium Lite Cement				sacks	339	27.650	9,373.35	76%	2,249.60		
488019		FP-6L				gals	3	104.250	312.75	76%	75.06		
488449		Bentonite II				lbs	1770	0.440	778.80	76%	186.91		
499632		Granulated Sugar				lbs	100	3.840	384.00	76%	92.16		
499680		Static Free				lbs	18	40.700	732.60	76%	175.82		
499703		Type III Cement				sacks	146	31.700	4,628.20	76%	1,110.77		
		SUB-TOTAL FOR Product Material							18,656.33	76.00%	4,477.51		
A152		Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00		
M100		Bulk Materials Blending Charge				cu ft	660	5.450	3,597.00	76%	863.28		
R798		Automatic Density System				job	1	1,990.000	1,990.00	76%	477.60		
		SUB-TOTAL FOR Service Charges							5,797.00	73.25%	1,550.88		
ARRIVE LOCATION :		MO. 04	DAY 27	YEAR 2015	TIME 02:00	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. Bob McNeese					CUSTOMER AUTHORIZED AGENT X								
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS					BHI APPROVED X								
					CUSTOMER AUTHORIZED AGENT								



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PRODUCT CODE	DESCRIPTION				UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT		
F055A	Cement Pumping, 1001 - 2000 ft				4hrs	1	4,875.000	4,875.00	76%	1,170.00		
F088	Cement Pumping, Additional hrs				hrs	3	900.000	2,700.00	28%	1,944.00		
F090	Fuel per pump charge - cement				pump/hr	4	70.250	281.00	0%	281.00		
H9985	Float Equipment (Charge 5 of 8)				ea	1	1,849.700	1,849.70	0%	1,849.70		
J050	Cement Head				job	1	830.000	830.00	76%	199.20		
J225	Data Acquisition, Cement, Standard				job	1	2,130.000	2,130.00	76%	511.20		
J390	Mileage, Heavy Vehicle				miles	166	11.850	1,967.10	76%	472.10		
J391	Mileage, Auto, Pick-Up or Treating Van				miles	166	6.700	1,112.20	76%	266.93		
	SUB-TOTAL FOR Equipment							15,745.00	57.48%	6,694.13		
J401	Bulk Delivery, Dry Products				ton-mi	2346	3.940	9,243.24	76%	2,218.38		
J402	Bulk Delivery, Standby Charge				hrs	2	226.500	453.00	28%	326.16		
J404	Bulk Delivery, Return of Unused Mtls				ton-mi	391	3.940	1,540.54	76%	369.73		
	SUB-TOTAL FOR Freight/Delivery Charges							11,236.78	74.06%	2,914.27		
	FIELD ESTIMATE							51,435.11	69.60%	15,636.79		
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CUSTOMER REP. Bob McNeese												
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS										CUSTOMER AUTHORIZED AGENT		
					CUSTOMER AUTHORIZED AGENT					X		