

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS INC XML		DATE 05-MAY-15	F.R. # 10011154086		SERV. SUPV. STEPHEN J CARDOS									
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 Surface										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD			
Cement Plug, Rubber, Top 9-5/8 in		Cement Basket, Slip On, 9-5/8 in		N/A		0	0	N/A		0	0			
		Centralizer, with Pins, 9-5/8 in												
		Float Collar, Auto Fill, 9-5/8 - 8rd												
		Float Shoe 9-5/8 - 8rd												
MATERIALS FURNISHED BY BJ				PHYSICAL SLURRY PROPERTIES										
				LAB REPORT NO.		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				N/A		0	8.34	0	0	00:00	15			
Type III Cmt + adds				C05-009-15		146	14.5	1.41	6.82	01:34	36.58	23.70		
Premium Lite Cmt + adds				C05-009-15		339	13	1.81	9.46	04:06	109.53	76.35		
Fresh Water				N/A		0	8.34	0	0	00:00	124.47			
Available Mix Water 300 Bbl.				Available Displ. Fluid 300 Bbl.				TOTAL		285.58 100.05				
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
12.25	100	1650	8.921	9.625	36	CSG	1650	1650	J-55	1650	1605	0		
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	CSG	70	70	NO PACKER		0	0	0	9.625	8RND	WATER BASED	8.4
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			
124.5	BBLS	Fresh Water		8.34	436	0	0	0	0	3520	2000	RIG TANK		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 6 BPM						
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 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"/>				
Displacement And Mud Removal														
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1 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"/> RECIPROICATION <input 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: 1507 PSI With 8.4 LBS/GAL Mud Time Held: 00 Hours 15 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	

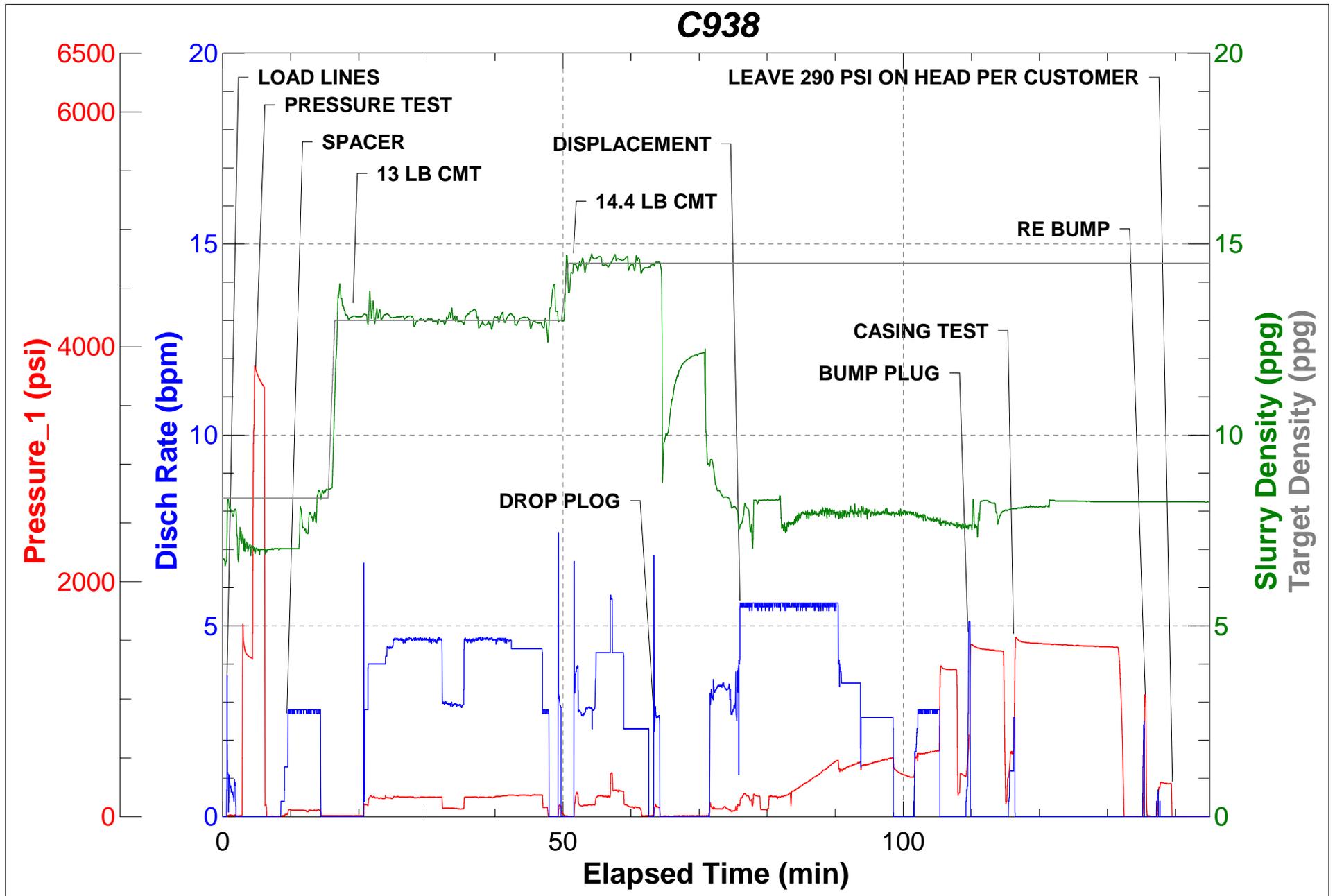
Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
NONE

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	3804 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
09:10	0	0	0	0	N/A	LEAVE YARD	
11:30	0	0	0	0	N/A	ARRIVE ON LOCATION(RIGGING UP CASING CREW)	
16:20	0	0	0	0	N/A	SPOT TRUCKS	
16:30	0	0	0	0	N/A	PRE RIG UP SAFETY MEETING	
16:35	0	0	0	0	N/A	RIG UP	
16:50	0	0	0	0	N/A	SAFETY MEETING(FINISH RIGGING UP HEAD & MANIFOLD)	
17:30	3804	0	0	0	H2O	PRESSURE TEST	
17:35	60	0	2.8	15	H2O	FRESH WATER SPACER WITH DYE	
17:40	175	0	4.6	110	CMT	BATCH/WEIGH/PUMP 13 LB CEMENT	
18:16	227	0	4.3	38	CMT	BATCH/WEIGH/PUMP 14.4 LB CEMENT	
18:30	0	0	0	0	H2O	DOWN/DROP PLUG	
18:36	489	0	5.6	90	H2O	DISPLACEMENT	
18:55	459	0	3.6	100	H2O	DROP RATE	
18:58	513	0	2.4	119	H2O	DROP RATE	
19:04	365	0	0	0	H2O	DOWN /WATCH TO SEE IF IT DROPS	
19:06	537	0	2.8	124.5	H2O	DISPLACEMENT	
19:11	1264	0	0	0	H2O	BUMP(FINAL LIFT 583)	
19:13	0	0	0	0	N/A	TEST FLOATS(FLOATS DID NOT HOLD)	
19:20	1507	0	0	0	H2O	CASING TEST	
19:40	1040	0	2	1	H2O	REBUMP	
19:41	0	0	0	0	H2O	BLEED OFF PRESSURE	
19:43	290	0	0	0	H2O	LEAVE 290 PSI ON HEAD AND MANIFOLD	
19:45	0	0	0	0	N/A	BLEED OFF PRESSURE ON LINES/JOB DONE	

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	1264	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	39	287	290	Y <input checked="" type="checkbox"/> N	





CEMENTING LABORATORY REPORT
 Lab Report # C05-009-15
 Proposal #1001178753A

COMPANY : Carrizo Oil & Gas Inc.			DATE: May 4, 2015		
WELL NAME: Ptasnik #4-30-9-59			LOCATION: 30-9N-59W		
DISTRICT: Brighton			TYPE JOB: Surface Field Blend		
API #:	05-123-41243-0000	RIG #:	Xtreme 19 Rig	TOC(md):	
DEPTH MD/TVD(ft):	1650		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 : Premium Lite Cement + 6% Bentonite + 3% Calcium Chloride + 3% Sodium Chloride + 0.25 pps Cello Flake + 0.04% Static Free + 0.5 gpt FP-6L
#2	Tail Slurry : Type III Cement + 1.5% Calcium Chloride + 0.25 pps Cello Flake + 0.04 pps Static Free + 0.5 gps 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 :		87 °F	87 °F	
Thickening Time: hrs:mins.		4:06	1:34	
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 :

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. 10011154086

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. 05	DAY 05	YEAR 2015	BHI REPRESENTATIVE STEPHEN J CARDOS		WELL API NO: 05123412430000	WELL TYPE : New Well			
DISTRICT PP, BRIGHTON					JOB DEPTH (ft) 1,650		WELL CLASS : Oil			
WELL NAME AND NUMBER PTASNIK #4-30-9-59					TD WELL DEPTH (ft) 1,670		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	803	0.520	417.56	76%	100.21
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	50	3.840	192.00	76%	46.08
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							18,464.85	76.00%	4,431.55
A152	Personnel Per Diem Chrg - Cement Svc				ea	1	210.000	210.00	0%	210.00
M100	Bulk Materials Blending Charge				cu ft	561	5.450	3,057.45	76%	733.79
R798	Automatic Density System				job	1	1,990.000	1,990.00	76%	477.60
	SUB-TOTAL FOR Service Charges							5,257.45	72.96%	1,421.39
ARRIVE LOCATION :	MO. 05	DAY 05	YEAR 2015	TIME 11:30	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. ADAM DAVENPORT					CUSTOMER AUTHORIZED AGENT X			CUSTOMER AUTHORIZED AGENT		
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	5	70.250	351.25	0%	351.25	
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	170	11.850	2,014.50	76%	483.48	
J391	Mileage, Auto, Pick-Up or Treating Van				miles	170	6.700	1,139.00	76%	273.36	
	SUB-TOTAL FOR Equipment							15,889.45	57.32%	6,782.19	
J401	Bulk Delivery, Dry Products				ton-mi	2006	3.940	7,903.64	76%	1,896.87	
J402	Bulk Delivery, Standby Charge				hrs	2	226.500	453.00	28%	326.16	
	SUB-TOTAL FOR Freight/Delivery Charges							8,356.64	73.40%	2,223.03	
	FIELD ESTIMATE							47,968.39	69.03%	14,858.16	
ARRIVE LOCATION :	MO. 05	DAY 05	YEAR 2015	TIME 11:30	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. ADAM DAVENPORT					CUSTOMER AUTHORIZED AGENT CUSTOMER AUTHORIZED AGENT				X		
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS									X		