

CEMENT JOB REPORT



CUSTOMER CARRIZO OIL & GAS				DATE 23-JUN-12		F.R. # 1001917775		SERV. SUPV. COLE W MARRIOTT					
LEASE & WELL NAME PERGAMOS 1-4-44-7-60 - API 05123338220000				LOCATION 4-7N-60W				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, Al Flap, 7 - 8rd											
7" Top Cem Plug, Nitrile cvr, Phen		Float Shoe 7 - 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		
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				0	463	12.5	1.94	10.65		160.12	117.36		
50/50 (Poz/Class G Cement) + adds				0	70	13.5	1.71	8.30		21.35	13.84		
Drilling Mud				0	0	9.5	0	0	00:00	241.41			
Available Mix Water 800 Bbl.				Available Displ. Fluid 400 Bbl.				TOTAL		540.88	131.19		
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE	
8.75	35	6365	6.366	7	23	CSG	6352	6209	N-80	6352	6270	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	WGT.	
8.9	9.63	36	CSG	1407	1407	No packer	0	0	0	7	8RD	9.6	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI		CAL. MAX PSI		OP. MAX		MAX TBG PSI		MAX CSG PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	MIX WATER		
246.8	BBLS	Drilling Mud	9.5	996	0	0	0	0	5072	3000	Rig tank		
Circulation Prior to Job													
Circulated Well: Rig <input checked="" type="checkbox"/> BJ						Circulation Time:			Circulation Rate: 5 BPM				
Mud Density In: 9.6 LBS/GAL Mud Density Out: 9.6 LBS/GAL						PV & YP Mud In: 17			PV & YP Mud Out: 17				
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: 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: 51			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: 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



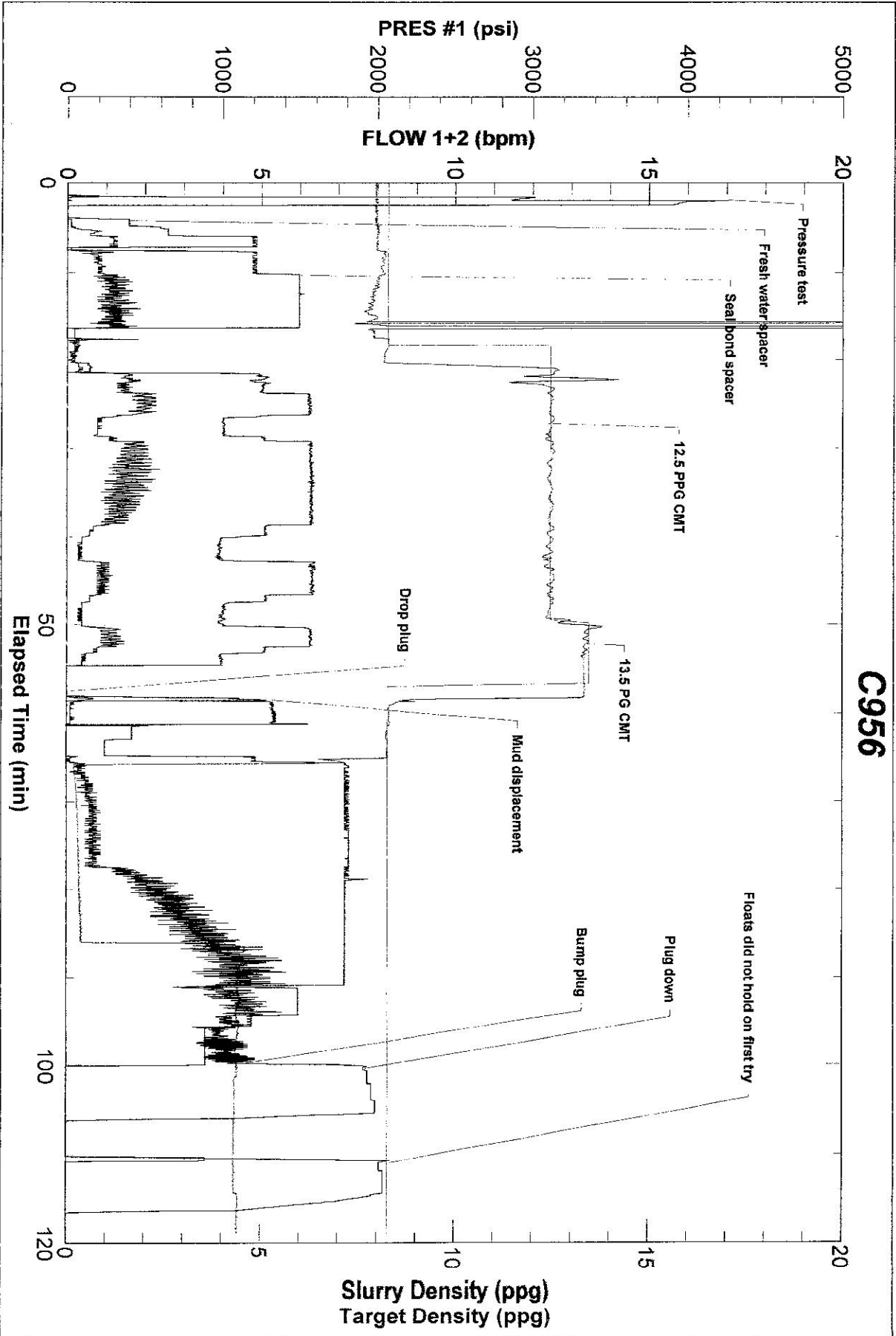
Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 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	4415 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
04:20	0	0	0	0	N/A	Arrive on location 90 miles	
07:30	0	0	0	0	N/A	Spot trucks rig running casing	
07:40	0	0	0	0	N/A	Pre rig up safety meeting	
09:20	0	0	0	0	N/A	Pre job safety meeting	
09:54	4415	0	0	0	H2O	Pressure test	
09:58	315	0	4.9	10	H2O	Fresh water spacer	
10:01	326	0	6	40	H2O	Sealbond spacer	
10:09	451	0	6.4	158	CMT	Batch up weigh and pump 463 sxs of PLC + 0.25% bwoc Cello Flake + 0.4% bwoc FL-52 + 6% bwoc Gel	
10:42	151	0	4.8	26	CMT	Batch up weigh and pump 70 sxs :50:50 Poz (Fly Ash) Class G Cement + 0.4% bwoc FL-52 + 3% bwoc Gel + 0.1% bwoc Sodium Metasilicate + 20% bwoc S-8	
10:51	0	0	0	0	N/A	Drop plug	
10:56	1174	0	7.2	200	H2O	Displacement	
11:25	1201	0	6	10	H2O	Slow rate	
11:27	1174	0	4.8	10	H2O	Slow rate	
11:28	1223	0	3.6	10	H2O	Slow rate	
11:33	1174	0	3.6	16	H2O	Bump plug	
11:33	1947	0	3.6	0	H2O	Plug down	
11:43	2001	0	3.6	0	H2O	Pressured up again floats did not hold first time	
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	1174	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	480	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



BJ Services JobMaster Program Version 3.50
Job Number: 1001717775
Customer: Carrizo
Well Name: Pergamos 1-4-44-7-60



FIELD RECEIPT NO. 1001917775



CUSTOMER

CARRIZO OIL & GAS

CREDIT APPROVAL NO.

PURCHASE ORDER NO.

CUSTOMER NUMBER

INVOICE NUMBER

CITY

STATE

ZIP CODE

MAIL

STREET OR BOX NUMBER

CITY

STATE

ZIP CODE

INVOICE TO

1000 LOUISIANA ST, STE 1699

Houston

Texas

77002

DATE WORK

MO.

DAY

YEAR

BH REPRESENTATIVE

WELL APT NO:

WELL TYPE:

New Well

WELL CLASS:

Oil

GAS USED ON JOB:

No Gas

COMPLETED

MO.

DAY

YEAR

COLE W MARRIOTT

JOB DEPTH (ft)

6.352

WELL TYPE:

New Well

WELL CLASS:

Oil

GAS USED ON JOB:

No Gas

DISTRICT

BUS, BRIGHTON

WELL NAME AND NUMBER

PERGAMOS 1-4-44-7-60

TD WELL DEPTH (ft)

6.365

GAS USED ON JOB:

No Gas

WELL

LEGAL DESCRIPTION

4-7N-60W

COUNTY/PARISH

Weld

STATE

Colorado

JOB TYPE CODE:

Intermediate

GAS USED ON JOB:

No Gas

WELL CLASS:

Oil

GAS USED ON JOB:

No Gas

PRODUCT CODE

DESCRIPTION

UNIT OF MEASURE

QUANTITY

LIST PRICE UNIT

GROSS AMOUNT

% DISC.

NET AMOUNT

35

31.800

1,113.00

65%

389.55

2594

0.530

1,374.82

65%

481.19

100120

Bentonite

lbs

2594

0.530

1,374.82

65%

481.19

100121

Silica Flour

lbs

1176

0.590

693.84

65%

242.84

100275

Sodium Metasilicate

lbs

6

4.100

24.60

65%

8.61

100295

Cello Flake

lbs

101

5.100

515.10

65%

180.29

100317

Poz (Fly Ash)

sacks

35

14.200

497.00

65%

173.95

398224

Premium Lite Cement

sacks

453

27.650

12,801.95

65%

4,480.68

398416

SealBond Spacer (w/ 30lb pail)

bbls

40

277.200

11,088.00

65%

3,880.80

488015

FL-52

lbs

186

26.900

5,003.40

65%

1,751.19

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

489632

Granulated Sugar

lbs

150

3.840

576.00

65%

201.60

86714-1

7" Top Cam Plug, Nitrite cur, Phen

ea

1

244.000

244.00

65%

85.40

SUB-TOTAL FOR Product Material

37,597.96

65.00%

13,159.29

ARRIVE

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.

X

BHI APPROVED

Cue Hall

CUSTOMER AUTHORIZED AGENT

X

SEE LAST PAGE FOR GENERAL

TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

X

BHI APPROVED

Cue Hall

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TERMS AND CONDITIONS

CUSTOMER AUTHORIZED AGENT

X

BHI APPROVED

FIELD RECEIPT NO. 1001917775



CUSTOMER		CARRIZO OIL & GAS		CREDIT APPROVAL NO.		PURCHASE ORDER NO.		CUSTOMER NUMBER		INVOICE NUMBER	
MAIL		STREET OR BOX NUMBER		CITY		STATE		ZIP CODE			
INVOICE TO		1000 LOUISIANA ST. STE 1699		Houston		Texas		77002			
DATE WORK COMPLETED		MO.	DAY	YEAR	BH REPRESENTATIVE	WELL API NO:		WELL TYPE:			
06		23	2012	COLE W MARIOTT		06123338220000		New Well			
DISTRICT		BUS. BRIGHTON		JOB DEPTH(ft)		WELL CLASS:		Oil			
WELL NAME AND NUMBER		PERGAMOS 1-4-44-7-60		TD WELL DEPTH(ft)		GAS USED ON JOB:		No Gas			
WELL LOCATION:		LEGAL DESCRIPTION		COUNTY/PARISH		STATE		JOB TYPE CODE:			
4-7N-60W		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	210.000	210.00	0%	210.00				
M100	Bulk Materials Blending Charge	cu ft	650	5.450	3,542.50	65%	1,239.88				
R798	Automatic Density System	job	1	1,990.000	1,990.00	65%	696.50				
			SUB-TOTAL FOR Service Charges		5,742.50	62.62%	2,146.38				
F065A	Cement Pumping, 6001 - 7000 ft	6hrs	1	8,300.000	8,300.00	65%	2,905.00				
F088	Cement Pumping, Additional hrs	hrs	1	900.000	900.00	0%	900.00				
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	Milage, Heavy Vehicle	miles	180	11.850	2,133.00	65%	746.55				
J391	Milage, Auto, Pick-Up or Treating Van	miles	180	6.700	1,206.00	65%	422.10				
			SUB-TOTAL FOR Equipment		13,790.50	58.77%	5,685.65				
J401	Bulk Delivery, Dry Products	ton-mi	2321	3.940	9,144.74	65%	3,200.66				
			SUB-TOTAL FOR Freight/Delivery Charges		9,144.74	65.00%	3,200.66				
ARRIVE LOCATION:		MO.	DAY	YEAR	TIME	SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS PRINTED 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.					
06		23	2012	04:20							
CUSTOMER REP.		Jeff Myers					BHI APPROVED: <i>[Signature]</i>				
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS		CUSTOMER AUTHORIZED AGENT					X				

FIELD RECEIPT NO. 1001917775



CUSTOMER

CARRIZO OIL & GAS

CREDIT APPROVAL NO.

PURCHASE ORDER NO.

CUSTOMER NUMBER

INVOICE NUMBER

MAIL

STREET OR BOX NUMBER

1000 LOUISIANA ST. STE 1699

CITY

Houston

STATE

Texas

ZIP CODE

77002

INVOICE TO

DATE WORK MO. DAY YEAR BHI REPRESENTATIVE

COMPLETED 06 23 2012 COLE W MARRIOTT

WELL API NO:

05123338220000

WELL TYPE :

New Well

WELL CLASS :

Oil

WELL DEPTH (ft)

6,362

TD WELL DEPTH (ft)

6,365

GAS USED ON JOB :

No Gas

JOB TYPE CODE :

Intermediate

DISTRICT

BJS, BRIGHTON

WELL NAME AND NUMBER

PERGAMOS 14-44-7-60

WELL LOCATION :

LEGAL DESCRIPTION

4-7N-60W

COUNTY/PARISH

Weld

STATE

Colorado

JOB TYPE CODE :

Intermediate

PRODUCT CODE

DESCRIPTION

FIELD ESTIMATE

UNIT OF MEASURE

QUANTITY

PRICE UNIT

GROSS AMOUNT

% DISC.

NET AMOUNT

66,275.70

63.50%

24,191.98

Well: PERGAMOS 14-44-7-60

AFE: 311-034

Code: 160-110

Description: 7" CEMENT

Amount Approved: \$24,191.98

Approved By: [Signature]

ARRIVE MO. DAY YEAR TIME

LOCATION : 06 23 2012 04:20

SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER

SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS

CUSTOMER REP. Jeff Myers

CUSTOMER AUTHORIZED AGENT

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

X CUSTOMER AUTHORIZED AGENT

[Signature]