Kansas Corporation Commission Oil & Gas Conservation Division

ORIGINAL Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM AMENDED WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32778	API No. 15 - 009-24735-00-00
	County Barton County, Kansas
Address: PO Box 507	County Barton County, Kansas C-E/2 NE SE sector Twp.20 s. R11 East West
City/State/Zip: Galva, Kansas 67443-0507	3170 FNL feet from S / N (circle one) Line of Section
Purchaser: NCRA	330 FEL feet from 4 / W (circle one) Line of Section
Operator Contact Person: Duane Purser	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 945-9091	(circle one) (NE) SE NW SW
· · · · ·	Lease Name: Panning Well #: 1
Contractor: Name: Duke Drilling Co. Inc.	Field Name: Chase-Silica
License: 5929 Wellsite Geologist: Mike Hadix	Producing Formation: Arbuckle
	Elevation: Ground: 1757 Kelly Bushing: 1765
Designate Type of Completion:	Total Depth: 3500 Plug Back Total Depth: N/A
X New Well Re-Entry Workover	
X Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 312! Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Gore, WSW, Expl., Cathodic, etc)	If yes, show depth setN/AFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from N/A
Operator: N/A	feet depth tow/sx cmt.
Well Name:	ALT WHAT 4-20-06
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbis
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
	Operator Name: RECENTED
Other (SWD or Enhr.?) Docket No.	Operator Name: RECEIVED Lease Name: Licanse No.:
04-01-02	Quarter Ser Turn SAPR 1 0 2000 act Weet
Spud Date or Date Reached TD Completion Date or Recompletion Date	County
	County: DockCO WICHITA
Kansas 67202, within 120 days of the spud date, recompletion, worker Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well.	
	late the oil and gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	
Signature Affeond of Uluser	KCC Office Use ONLY
Title: TROD, SUPT, Date: 4-17-0	Letter of Confidentiality Received
1-115 A	If Denied, Yes Date:
Subscribed and sworn to before me this 11 day of April	Wireline Log Received
20106	Geologist Report Received
Notary Public: Jua H. Woolley 12.10 Tina A. Woolley	UIC Distribution
Date Commission Expires: 831 at Tine A. Wolly	
A TINA A.	WOOLLEY c-State of Kansas 3100

Side Two AMENDED

ORIGINAL

Operator Name: Ca	at Energy L	LC.		Lease	Name: I	Panning		Well #:			
ec. 10 Twp. 20			X West	County	:_Bart	on Count	y, Kansas	ngagagamagagana ana mana mananan daasaasaan in	The state of the s		
STRUCTIONS: Short sted, time tool open a mperature, fluid recove ectric Wireline Logs s	and closed, flowing very, and flow rate	and shut-in if gas to su	i pressures, i inface test, al	whether sh long with fi	ut-in pres	sure reached s	tatic level, hydros	tatic pressure	es. bottom hole		
rill Stem Tests Taken (Attach Additional Sh	seels)	☐ Yes	X No			; Formatio	n (Top), Depth an	d Datum	Sample		
amples Sent to Geolo	idical Survey	Yes	X No		Name			Тор	Datum		
ores Taken	giotal was roy	☐Yes			Anh			490	+1271		
lectric Log Run		X Yes			Chas B/FI	_		1398 1689	+312 +71		
(Submit Copy)		IAI 100			Amei			2104	-330		
ot All E. Long Dun.			ż		Top	-	•	2612	-840		
st All E. Logs Run:		4			Heel)		2875	-1101		
<i>a</i> D	/37	• • • •	n lan law	0 DM	Br I	Lm.	•	2998	-1224		
Comp Der	n/Neu poros	ity + G	R/SP/RX	O-RT	Lans	s-KC		3020	-1246		
					Arb			3270	-1496		
		Report	CASING I		New Intace, inten	Used	on, etc.		A 100 A		
Purpose of String	Size Hole Drilled		Gasing n O.D.)	Welg Lbs./		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
MANUAL MA	-		· · · · · · · · · · · · · · · · · · ·				65/35	100			
Surface	12-1/4"	8-5/8	311	23#	Valenty 1 family 1	312'	Common	100	3%cc 2%ge1		
Production	5-½''		17#		3474 '	50/50Poz	250sk	s 10%salt			
			ADDITIONAL	CEMENTIN	NG / SQUE	EZE RECORD	Pipida Balanda Parika bara kada saha sagan digu sanggah Yahaya da Ahbaya da Ahbaya da Papin sah	anders . • Paradra: Indianations relative median proper relati	And the second s		
Purpose: Perforate	Depth Top Bottom	Type of	Cement	#Sacks	Used	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)					
Protect Casing Plug Back TD	N/A	decident of the second of the			and distance of the		4		ADD		
Plug Off Zone	N/A		things and the state of the sta	-					APK 197		
	IV/A			4					KCCIA		
Shots Per Foot	PERFORATI	ON RECORD	- Bridge Plug	s Set/Type		Acid, Frac	ture, Shot, Cement	Squeeze Recor	>-WiCk		
Onois i si i doi	Specify I	Footage of Ea	ch Interval Peri	forated			erial Used)	Depth			
4shs per/ft	3274 '- 32	81 '			Principle Principle	300ga1s 1500ga1s	ı				
, , , , , , , , , , , , , , , , , , , ,		V-L		Marting the County State (1990), the character of the county state of the county of th		TOUGAIS	L				
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	A	**************************************		magazini a ayan ayan a	. Second						
The contract of the contract o								Bass, 6			
UBING RECORD	Size	Set At		Packer A	1	Liner Run	T.,				
	2-7/8"	3238	********************	N/A			Yes X No	Militar film our annual terr y by er en had only annual film out of			
ate of First, Resumerd F	roduction, SWD or E	nhr. f	Producing Meth		Flowing	∑ Pumpin	g Gas Lift	[] OHE	er (Explain)		
3-31-04	m 22	D. 1									
stimated Production Per 24 Hours	Į	Bbls.		Met	Water	Bb	ls. Ga	s-Oil Ratio	Gravity		
isposition of Gas	18bb METHOD OF C		mall am	ount)bb1s Production interv	al		42		
		with min 11218	www		ATTORNEY						
Vented Sold (If vented, Subm	X Used on Lease nit ACO-18.)		Open Hole Other (Specil		□ Du	ally Comp.	Commingled				

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #	API No. 15 - 009-24735-0000
Name: _CAT Energy, LLC	County: Barton County, Kansas
Address: PO Box 507	E/2 NE/4 SE/4 Sec.10 Twp.20 S. R.11 East West
City/State/Zip: Galva, Kansas 67443-0507	feet from S / (N) (circle one) Line of Section
Purchaser:	feet from (E) W (circle one) Line of Section
Operator Contact Person:Delmar Nightingale	Footages Calculated from Nearest Outside Section Corner:
Phone: (_620_) 654-3262	(circle one) (NE _{Cov} SE NW SW
Contractor: Name: <u>Duke Drilling Co., Inc.</u>	Lease Name; Panning Well #: 1
License: 5929	Field Name: Chase-Silica
Wellsite Geologist: J.M.Hadix	Producing Formation: Kansas City / Arbuckle
Designate Type of Completion:	Elevation: Ground: 1757 Kelly Bushing: 1765
X New Well Re-Entry Workover	Total Depth: 3500 Plug Back Total Depth:
Oil SWD SIOW Temp. Abe CEIVED	Amount of Surface Pipe Set and Cemented at 312 Feet
	MISMUNIPILE Stage Cementing Collar Used?
	If yes, show depth setFeet
Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows: 0CT 1 1 2002	
	feet depth to
Operator:	lon
Well Name: CONSERVATION DIVIS WICHITA, KS	
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content $\frac{20,000}{}$ ppm Fluid volume $\frac{1,000}{}$ bbls
Plug BackPlug Back Total Depth	Dewatering method used hauled
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name: <u>Bob's Oil Service, Inc.</u>
Other (SWD or Enhr.?) Docket No	Lease Name: Sieker Disposal License No.: 32408
01-04-2002	
Spud Date or Date Reached TD Completion Date or	Quarter NW Sec. 35 Twp. 19 S. R. 11 East X West
Recompletion Date Recompletion Date	County: Barton Docket No.: D-26,497
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regular	te the oil and gas industry have been fully complied with and the statements
herein are complete and correct to the best of my knowledge.	
Simony the Matthe & Assay	KCC Office Use ONLY
Signature: The full of the same regions	
Title: Agent Date: August 27, 2002	
Subscribed and sworn to before me this 1th day of October, 2002	If Denied, Yes Months 10.23.2
19 Gary W. Howard	Wireline Log Received
A Notary Public	Geologist Report Received
My Appt. Expires 8/28	UIC Distribution
Date Commission Expires: 8/28/64	

Operator Name: _CA* Sec10 Twp20			ast X West	Lease	e Name:	Panning rton Count	ty, Kansas	Well #:]	
INSTRUCTIONS: Shi tested, time tool open temperature, fluid rec Electric Wireline Logs	i and closed, flowi overy, and flow rat	ng and sh es if gas	nut-in pressures to surface test,	s, whether s along with	hut-in pi	essure reached	static level hydro	etatic proces	ires bottom bolo
Drill Stem Tests Taker		X	Yes No		X	_og Forma	tion (Top), Depth a	nd Datum	Sample
Samples Sent to Geo	logical Survey	П	Yes X No		Nan	ne B/Flo fl	int 16	Тор	Datum
Cores Taken	,	П	Yes 😠 No			Topeka	_	90 02	+75 -837
Electric Log Run (Submit Copy)		χ	Yes No			Heebner Brown Li	28	75 9 8	-1110 -1233
List All E. Logs Run:						Lans-Kan		20	-1255
Log-Tech	digital					B/Kansas Arbuckle RTD	32	53 71 00	_1488 -1506 -1735
	Compensated Induction Lo		ity Log			5½" prod			-1709
			CASING	RECORD	N	ew Used			
		T				ermediate, produc	etion, etc.		
Purpose of String	Size Hole Drilled		Size Casing et (In O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	121"	8 5,	/8"	23#		312	65/35 Common	100 100	3%cc 2%ge1
Production	7-7/8"	5½"		17#	,	3474.	50/50 Poz	250	10% sa1t
			ADDITIONAL	L CEMENTIN	NG / SQL	JEEZE RECORD)		
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Тур	e of Cement	#Sacks			17	rcent Additives	;
Shots Per Foot	PERFORATI Specify I	ON RECO	RD - Bridge Plu Each Interval Pei	gs Set/Type rforated		Acid, Fra	cture, Shot, Cement S nount and Kind of Mate	Squeeze Recor erial Used)	d Depth
At the cur	rent time(1	0-11-2	2002)this	strat t	est b	as not ye	t been perf	orated-J	МН
TUBING RECORD	Size	Set At		Packer At		Liner Run	Yes No	***************************************	
Date of First, Resumerd Pr	oduction, SWD or Er	ıhr.	Producing Meth	nod	Flowing	Pumpin		Othe	t (Explain)
Estimated Production Per 24 Hours	Oil E	ibls.	Gas	Mcf	Water		-	s-Oil Ratio	Gravity
Disposition of Gas	METHOD OF Co	OMPLETIC	Open Hole	□ Dorf		Broduction/Interv	and the second		
(If vented, Sumit			Other (Specif	Perf. (v)		ally Comp.	Commingled		•

TREATMENT REPORT

						Customer		WERGY	ue	Date 4-	1-07	2_	
SERV	/ I C E S		L C		_	Lease	DANK	ITWG	2	Lease No.		Well #	1
Field Order #	Statio		Posts	TK.	/-		Casing	S/8 Depth	312	County B	ARTON)	State 25
459 Type Job	SURF	A	ce-	/ 		11180		Formation			Legal Des	cription /C	7-21-11
PIP	E DATA			RFORA				LUID USED			REATME	NT RESU	ME
Casing Size S	Tubing S	ize	Shots/F	t			100 SC	A-SER	11.15	RATE	PRESS	ISIP	
Depth	/ Depth		From		То		-Pro-Pad-	3% C.C		Max		5 Min.	
S/Z Volume	Volume		From		To		100 S/	Comp		Min		10 Mir	n.
Max Press	Max Pres	88	From		To		Emo	% C.C.		Avg		15 Mir	٦.
Well Connecti	on Annulus	Vol.	From		To		1			HHP Used		Annuli	us Pressure
Plug Depth	Packer D	Depth	From		То		Flush			Gas Volume		Total I	Load
Customer Rep	presentative g	i57 1	MAR			Station Man	ager & 1/4	UTRY		Treater	60	PSLE.	y
Consider I leite		- Cyl	11116	107	7	26	44	7/					
Service Units Time	Casing Pressure		ubing essure		Pumpe		Rate			Sen	rice Log		
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· 0	INVOICE NO.	7		वान	D ORDER	4507
	Date /	Subject Lease	t to Correction	Well #	/ Legal	4597
	4-/-02 Customer ID	County	INING	State		-21-11
SERVICES,	, L L C	Depth Depth	Formation	State	S. Ply	TK, Ks.
CATED	WERGY UC	Casing			Shoe Joint	
A R —————		878	Casing Depth,	TD	Job Type SUPFAC	CE -NEW WEL
G E		Customer Represe		TEXCALE Trea	er BEVDI	COPSLEY
			$(\cdot) $	~	4/	
AFE Number	PO Number	Materials Received by	Haprie	~//9/	Mugu	
Product Code QUANTITY	MATERIAL, EQUIPMENT and SE	RVICES USED	UNIT PRICE	AMOUNT	CORRECTION	COUNTING AMOUNT
\$200 100 St.	Common Con	MENT	V			
8206 100 SK.	A-SERU LITE	CEMENT				
C310 54316.	STX WOOD A	ORIBE	V			
0-143 / EA.	BY8 WOOD F	LilG		· · · · · · · · · · · · · · · · · · ·	-	

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		ECEIVED	NCCION			
	KANSAS UL	ORPORATION COM	AUSSION			
	0	CT 11 2002				
	CON	SERVATION DIVIS	ION			
E107 2004	CEMENT SERV.	PHUS PED				
E100 SSmile		LIMACE				
E104 498 m					0 ./	
RZO1 1871.	EA. 3/2 PUMP CHAF	RGE		DAS	134	14<10
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	Associate Da-					560.25
		CE Z	2	560.29	> \$2	
10244 NE Hiway 61 - P.O.	FCUS 7 79 Box 8613 · Pratt, KS 67124-861	3 · Phone (620)	672-1201 - Fay	(620) 672-5383		

TREATMENT REPORT

·								ustomer	ID					Date						
								ustomer	AT EN	IBVL.	4.6	ic		4	-/-	6-0	ک	-		
SER		CES	. L	L C			Le	9889	Agn,	VIN	16			Lease No.			W	ell#	P	
Field Order	*3	Statio	on f	liti	7 KS				Casing	-1/2	Depth	3474	7	County	391	701			State	Ve
Type Job	len	1857	PE	WE	- 10	n	ر د		L	Form			-20	00		Legal Des	orintic	n 0 – 2	7/-/	/
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Max Press		Max Pre	B8	From		To			-Frac		6 0.	10 Z	Av.	<u> </u>			-	15 M in.		
Well Connec	tion	Annulus	Vol.	From		То			-#	21, 16	· wi	Fest.		2 IP Used			-	Annulus	Pressu	re
Plug Depth	1/1	Packer D	Depth	From		То			-Flush	eson	ST 6		Ga	s Volume				Total Lo	ad	
346 Customer Re		ative		From	, ,	То	Static	on Manag	per λ	Cun	<u> 381</u> . /		<u> </u>	Treater	_					
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Service Units	Ca	sing		bing	107		2	<u> </u>	44	170				<u> </u>						
Time	Pres	ssure	Pre	ssure	Bbls. F			F-1200	Rate	 _					Service	Log	-			
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1024	44 NE	= HIW	ay 6	T • P.(J. Box	861	3 • ∣	Pratt,	KS 6712	24-861	3 • P	hone (620) 672-1	201	• Fax	(620	672	-538	3

			INVOICE NO.	Subje	ect to Correction		FIELI	O ORDER	4733
			Date 4-6-02	Lease Dia	NWBN	2 00	Well #	Legal	
SER	VICES		Customer ID	County		G>	State	Station 0	-21-11
12.				Depth Depth	Formation 1	on	pris	Shoe Joint	AWILS
CH _CK	W BK	VERLOS	y uc	Casing //					<u>'3" </u>
A R				5/2	Casing Dept	4	D 3500	Job Type	WC- wow
G E				Customer Repre	scritative	SCM	Treate	1 /20	Siev
							<u>-</u>	1	2
AFE Number	ər	PO Nu	ımber	Materials Received by	XCAF.	Gara	ulic	(A)	What he
Product Code	QUANTITY	MATE	FRIAL, EQUIPMENT and SI	ERVICES USED	UNIT PRICE	AN	IOUNT	CORRECTION	COUNTING
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6196	18516.	FIA-	322_		/				
C223	1237 B.	SHU	T		V			•	
C311	625 lb.	Con	SET						
C 322	62516.	GIL	SONETE		V				
F101	7 BA.	5/2	CENTRALI	ZER	V			***************************************	
F131	IEM.	5/2	TOP Rubber	Ruc	V				
F161	1671.	5/2	CHANG SI	HOE	V				
F201	189.	5/2	INSERT !	LOAV	V				
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					CONSERVATION				
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	55 mile	UNITS	MILES						D/
2007	635 M	TONS	MILES					VAS	7 1
-10/	169	EA. 34	PUMP CHAF	RGE				151	82.04
								- H-C	18%
		8	Do-					X5^>	
		DEXE	ROUT PRI	€		558	2.04		
1 0244 NF Hi	way 61 . P 0	Roy 8613	• Pratt, KS 67124-861	2 Phone (COO	C70 4004	/000			
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As consideration, the Customer agrees:

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.