

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 3842
Name: LARSON OPERATING COMPANY
A DIVISION OF LARSON ENGINEERING, INC.
Address: 562 WEST STATE ROAD 4
City/State/Zip: OLMITZ, KS 67564-8561
Purchaser: NCRA **KCC**
Operator Contact Person: TOM LARSON **AUG 29 2006**
Phone: (620) 653-7368
Contractor: Name: BERENTZ DRILLING CO., INC. **CONFIDENTIAL**
License: 5892
Wellsite Geologist: ROBERT LEWELLYN

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

5/9/2006 5/17/2006 7/18/2006
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 101-21917-0000
County: LANE
APP SW NE Sec. 5 Twp. 17 S. R. 27 East West
2050 feet from NORTH Line of Section
1900 feet from EAST Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: JOHNSON Well #: 2-5
Field Name: PENDENNIS SW EXT
Producing Formation: _____
Elevation: Ground: 2666' Kelly Bushing: 2671'
Total Depth: 4551' Plug Back Total Depth: 4506'
Amount of Surface Pipe Set and Cemented at 261 Feet
Multiple State Cementing Collar Used? Yes No
If yes, show depth set 2042 Feet
If Alternate II completion, cement circulated from 2042
feet depth to SURFACE w/ 175 sx cmt.

Drilling Fluid Management Plan **ALT I NH 9-2008**
(Data must be collected from the Reserve Pit)
Chloride content 16000 ppm Fluid volume 850 bbls
Dewatering method used ALLOWED TO DRY
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South Market-Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate 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: Thomas Larson
Title: PRESIDENT Date: 8/29/2006
Subscribed and sworn to before me this 29TH day of AUGUST,
2006.
Notary Public: Carol S. Larson
Date Commission Expires: JUNE 25, 2009

CAROL S. LARSON
Notary Public - State of Kansas
My Appt. Expires 6/25/09

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 30 2006
CONSERVATION DIVISION
WICHITA, KS

Operator Name: LARSON OPERATING COMPANY
A DIVISION OF LARSON ENGINEERING, INC. Lease Name: JOHNSON Well #: 2-5
 Sec. 5 Twp. 17 S. R. 27 East West County: LANE

INSTRUCTIONS: Show important tops and base of formation penetrated. Detail all cores. Report all final copes of drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geologist well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Sample Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	ANHYDRITE	2083	+588
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	BASE ANHYDRITE	2112	+559
List All E. Logs Run:	DUAL INDUCTION		HEEBNER SH	3901	-1230
	DUAL COMP POROSITY		L-KC GP	3940	-1269
	BOREHOLE COMP SONIC		MUNCIE CREEK SH	4100	-1429
	MICRORESISTIVITY		STARK SH	4194	-1523
			BASE KANSAS CITY	4264	-1593
			ALTAMONT	4310	-1639
			PAWNEE	4398	-1727
			FORT SCOTT	4448	-1777
			CHEROKEE	4472	-1807
			MISSISSIPPIAN (SAMPLE)	4539	-1865

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12-1/4"	8-5/8"	28#	261'	CLASS A	175	2% GEL, 3% CC
PRODUCTION	7-7/8"	5-1/2"	15.5#	4550'	SMD	125	1/4#/SK FLOCELE
					EA-2	100	5% CALSEAL, 10% SALT, 5#/SK GILSONITE, 1/2% HALAD

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate	SURF	2042'	SMD	175	1/4#/SK FLOCELE
<input type="checkbox"/> Protect Casing					
<input type="checkbox"/> Plug Back TD					
<input type="checkbox"/> Plug Off Zone					

Shots per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid. Fracture, Shot, Cement, Squeeze Record (Amount and Kind of Material Used)		Depth
		Amount	Kind	
4	4465-69', 4400-02', 4272-74', 4245-48', 4169-72'	250 GAL	15% MCA	4465-69' 4400-02'
4	4133-36, 4111-14'	250 GAL	15% MCA	4272-74' 4245-48'
		250 GAL	15% MCA	4272-74' 4169-72'
		SQZ: 75 SX CLASS A		4169-72'
		250 GAL	15% MCA	4133-36' 4111-14' (2X)

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	4509'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
7/18/06	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio
	9	0	136	0
				Gravity
				36

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 4111-4469' OA

LARSON OPERATING COMPANY
A DIVISION OF LARSON ENGINEERING, INC.
562 WEST STATE ROAD 4
OLMITZ, KS 67564-8561

(620) 653-7368
(620) 653-7635 FAX

8-29-08
~~08/29/07~~

KCC
AUG 29 2006
CONFIDENTIAL

ACO-1 CONFIDENTIALITY REQUEST

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 30 2006

CONSERVATION DIVISION
WICHITA, KS

August 29, 2006

Kansas Corporation Commission
Attn: Dave Williams
130 South Market, Room 2078
Wichita, KS 67202

Re: Johnson 2-5
Lane County, Kansas
API #15-101-21917-0000

Dear Dave,

Enclosed please find the ACO-1 Well Completion Form, with copies of all logs, geo report, DST's, and cementing tickets for the captioned well. We request that all information be held confidential for the period of one year.

If you have questions, please call.

Sincerely,

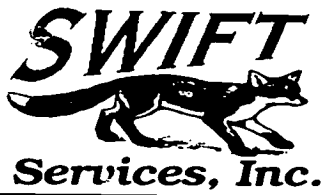
Larson Operating Company



Carol Larson
Secretary/Treasurer

encl.

✓



CHARGE TO: Larson Operating
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET No 9941

PAGE 1 OF 2

SERVICE LOCATIONS: 1. HAYS 2. NESS 3. 4. REFERRAL LOCATION

WELL/PROJECT NO. 0-5 LEASE Johnson COUNTY/PARISH Lane STATE KS CITY HAYS DATE 05-17-06 OWNER

TICKET TYPE SERVICE SALES CONTRACTOR RIG NAME/NO. Berentz Drk #6 SHIPPED VIA GT DELIVERED TO 1/2 Be. Dr. / 1/2 W. Sinto Anderson ORDER NO.

WELL TYPE D.O. WELL CATEGORY Develop JOB PURPOSE CMT Long String WELL PERMIT NO. 15-101-2191700-00 WELL LOCATION SS, 717, R27W

INVOICE INSTRUCTIONS

CONFIDENTIAL
AUG 29 2006

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #105	45		mi		4.00	180.00
578		1			Pump Service	1		cs	4550 FT	12.50	1250.00
201		1			Liquid HCL	2		gal		26.00	52.00
281		1			Mud Flush	500		gal		.75	375.00
290		1			D-Air	2		gal		32.00	64.00
419		1			Rotating Head Rental	1		cs	5 1/2 in	250.00	250.00

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 30 2006
CONSERVATION DIVISION
WICHITA, KS

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

x JC Larson
 DATE SIGNED 05-17-06 TIME SIGNED 0600 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				P6-1 PAGE TOTAL	2171.00
WE UNDERSTOOD AND MET YOUR NEEDS?				P6-2	4234.43
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub total	6405.42
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Lane TAX 5.3%	222.37
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	6627.79
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR DAVE PAH APPROVAL

Thank You!



PO Box 466
 Ness City, KS 67560
 Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 9941

CUSTOMER Larson Operating
 WELL 25 Johnson
 DATE 05-17-06
 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			QTY.	UM	QTY.	UM	QTY.	UM
325		2				Standard CMT	100	SH		9.60	960	00
330		2				SMO CMT	125	SH		12.00	1500	00
276		2				Flocele	31	lb		1.25	38	175
277		2				Coal Seal	700	lb		.40	280	00
283		2				Salt	500	lb		.20	100	00
284		2				Coal seal	5	SH		30.00	150	00
286		2				Holed	71	lb		6.00	426	00
581		2				Service Chg CMT	225	SH		1.10	247	50
583		2				Dryessc	5317	Tm		1.00	532	17

AUG 29 2006
 KTC/C
 CONFIDENTIAL

RECEIVED
 KANSAS CORPORATION COMMISSION
 AUG 30 2006
 CONSERVATION DIVISION
 WICHITA, KS

CONTINUATION TOTAL
 4234.42

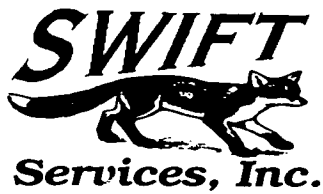
JOB LOG

SWIFT Services, Inc.

DATE 05-17-06 PAGE NO. 1

CUSTOMER *Lenson* WELL NO. *2-5* LEASE *Johnson* JOB TYPE *5 1/2 Longstrals* TICKET NO. *9941*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0600							KCC AUG 29 2006 CONFIDENTIAL DIRECTIONAL Dr. cuss Job, Setup 125SWS SMO lead, 100SWS EA-2 Tei 5 1/2 15.5 3/4 csg Port Collor @ 2042 TO 4551, Pipe @ 4550, SJ 40.03, Insert 4508 Drop Bell Break Circ. & Rotate pipe
	0720		3					Plug RH
	0725	60	0				200	Mud Flush
		60	12					Start VCL
		60	32				200	end Flushes
	0730	5.0	0				200	Start SMO CMT mix @ 12.5 gal
		5.0	44				200	Start EA-2 CMT mix @ 15.5 gal
		5.0	69				200	end CMT
	0745							Drop Plug Wash Pumping Lines
	0750	5.0	0				100	Start Disp
		5.0	38.5				100	CMT on bottom
		5.0	60.0				300	
		6.0	74.0				350	LSI CMT
		6.0	80				400	
		6.0	90				600	
		6.0	95				700	
		6.0	100				800	
		4.0	103				900	
	0810	4.0	106.9				1550	Lead Plug
	0812							Release psi: Floct # Plug Holding
								RECEIVED KANSAS CORPORATION COMMISSION AUG 30 2006 CONSERVATION DIVISION WICHITA, KS
	0900							Wkshup Reckup Tickets Job Complete Thank You! Dave Blaine Stone



CHARGE TO: WILSON OPERATING

ADDRESS: KCC

CITY, STATE, ZIP CODE: 1.06 2 3 2016

CONFIDENTIAL

TICKET No 10328

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>NESS CITY, KS</u>	WELL/PROJECT NO. <u>2-5</u>	LEASE <u>JOHNSON</u>	COUNTY/PARISH <u>LANE</u>	STATE <u>KS</u>	CITY <u>LOUATON</u>	DATE <u>6-7-06</u>	OWNER <u>SAME</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>EXPRESS WELL SERVICE</u>	RIG NAME/NO.	SHIPPED VIA <u>CT</u>	DELIVERED TO	ORDER NO.	
3.	WELL TYPE <u>ODL</u>	WELL CATEGORY <u>DEVELOPMENT</u>	JOB PURPOSE <u>COMPT POOL COLLAR</u>	WELL PERMIT NO.	WELL LOCATION <u>PROSPTS, KS - 1/2 E, 2S, 3/4 W, S1E</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE * 104	40		ME		4.00	160.00
577		1			PUMP SERVICE	1		JOB		800.00	800.00
330		1			SWIFT MULTI-DESIGN STANDARD	175		SLD		12.00	2100.00
276		1			FLOODE	56		UBS		1.25	70.00
581		1			SERVICE CHARGE COMPT	225		SD		1.10	247.50
583		1			DRAINAGE	22326	446.52	UBS	TM	1.00	446.52
RECEIVED KANSAS CORPORATION COMMISSION AUG 30 2006 CONSERVATION DIVISION WICHITA, KS											

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
DATE SIGNED: 6-7-06 TIME SIGNED: 1130 A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<u>3824.02</u>
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

Lane TAX 5.3%

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: Wayne Wilson APPROVAL: [Signature]

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 6-7-06 PAGE NO. 7

CUSTOMER LARSON OPERATING WELL NO. 2-5 LEASE JOHNSON JOB TYPE CEMENT PORT CEMENT TICKET NO. 10328

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1130							ON LOCATION
								2 3/8 x 5 1/2 PORT CEMENT = 2042
	1225				✓		1000	PSE TEST CASING - HELD
	1230	2 1/2	2	✓		300		OPEN PORT CEMENT - 2 JTS RATE
	1235	4	97	✓		450		MIX CEMENT 175 SMD 1/4 #/SK FLOCCUL
	1305	4	7	✓		550		DISPLACE CEMENT
	1315				✓		1000	CLOSE PORT CEMENT - PSE TEST - HELD
								CONCRETE 10 SKS CEMENT TO PSE
	1325	2 1/2	25		✓		400	RUN 4 JTS CONCRETE CLEAN
								WASH UP TRUCK
	1400							JOB COMPLETE

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 30 2006
CONSERVATION DIVISION
WICHITA, KS

KCC
AUG 29 2006
CONFIDENTIAL

THANK YOU
WAVE, BUSTY, SHAVE

ALLIED CEMENTING CO., INC.

23573

Federal Tax I.D. # [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Near City

DATE <u>5-9-06</u>	SEC. <u>5</u>	TWP. <u>17</u>	RANGE <u>27</u>	CALLED OUT <u>6:00pm</u>	ON LOCATION <u>9:00pm</u>	JOB START <u>9:15pm</u>	JOB FINISH <u>10:00pm</u>
LEASE <u>Johnson</u>		WELL # <u>2-5</u>	LOCATION <u>Pendennis 1/2E 2S 1/2W</u>		COUNTY <u>Lane</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1/2S 1/4E</u>				

CONTRACTOR Berenty Berenty Dsl #6 OWNER

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 266

CASING SIZE 8 5/8 DEPTH 261

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15

PERFS. _____

DISPLACEMENT 15

CEMENT

AMOUNT ORDERED 175 Com 3%cc 2%ad

COMMON	<u>175</u>	@	<u>9.60</u>	<u>1680.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>15.00</u>	<u>60.00</u>
CHLORIDE	<u>5</u>	@	<u>42.00</u>	<u>210.00</u>
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER Mike

224 HELPER J. Uygrows

BULK TRUCK

260 DRIVER Terry

BULK TRUCK

_____ DRIVER _____

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 30 2006

CONSERVATION DIVISION
WICHITA, KS

HANDLING	<u>184</u>	@	<u>1.70</u>	<u>312.80</u>
MILEAGE	<u>37</u>	@	<u>7.184</u>	<u>476.56</u>
TOTAL				<u>2739.36</u>

REMARKS:

used 28#
conc 8 5/8 cas w/ reg pump
mix cement, disp plug 1500L
conc old conc

Thanks

CHARGE TO: Larson Oper.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>261</u>			
PUMP TRUCK CHARGE				<u>735.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>37</u>	@	<u>5.00</u>	<u>185.00</u>
MANIFOLD		@		
TOTAL				<u>920.00</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8 Top Wood</u>	@		<u>55.00</u>	
	@			
	@			
	@			
	@			
TOTAL				<u>55.00</u>

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Terry W. [Signature]

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME