

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1074466

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Feast / West Line of Section
Contact Person:	
Phone: ()	
CONTRACTOR: License #	
Name:	
Wellsite Geologist:	
Purchaser:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG GSW Temp. Ab	Dd. If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf. Conv. to ENHR Conv. to	SWD
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	
ENHR Permit #:	
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY				
Letter of Confidentiality Received				
Confidential Release Date:				
Wireline Log Received Geologist Report Received				
UIC Distribution				
ALT I II III Approved by: Date:				

	Side Two	1
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes	No		.og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog Cores Taken Electric Log Run		☐ Yes ☐ Yes ☐ Yes	No	Nan	ne		Тор	Datum
Electric Log Submitted E (If no, Submit Copy)	Electronically	Yes						
List All E. Logs Run:								
		Report a		RECORD N	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size C Set (In		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

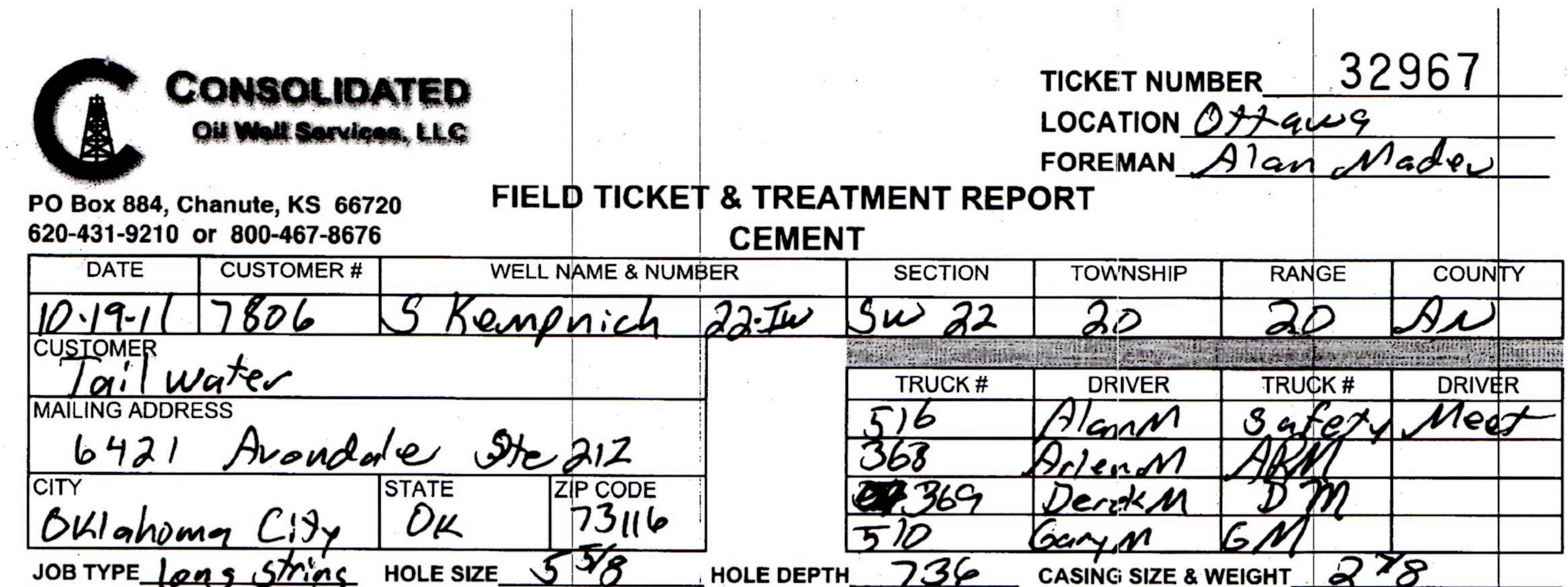
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

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		
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed I	Product	ion, SWD or ENHF	λ .	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIC	ON OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit)	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sub	omit ACC)-18.)		Other (Specify)						

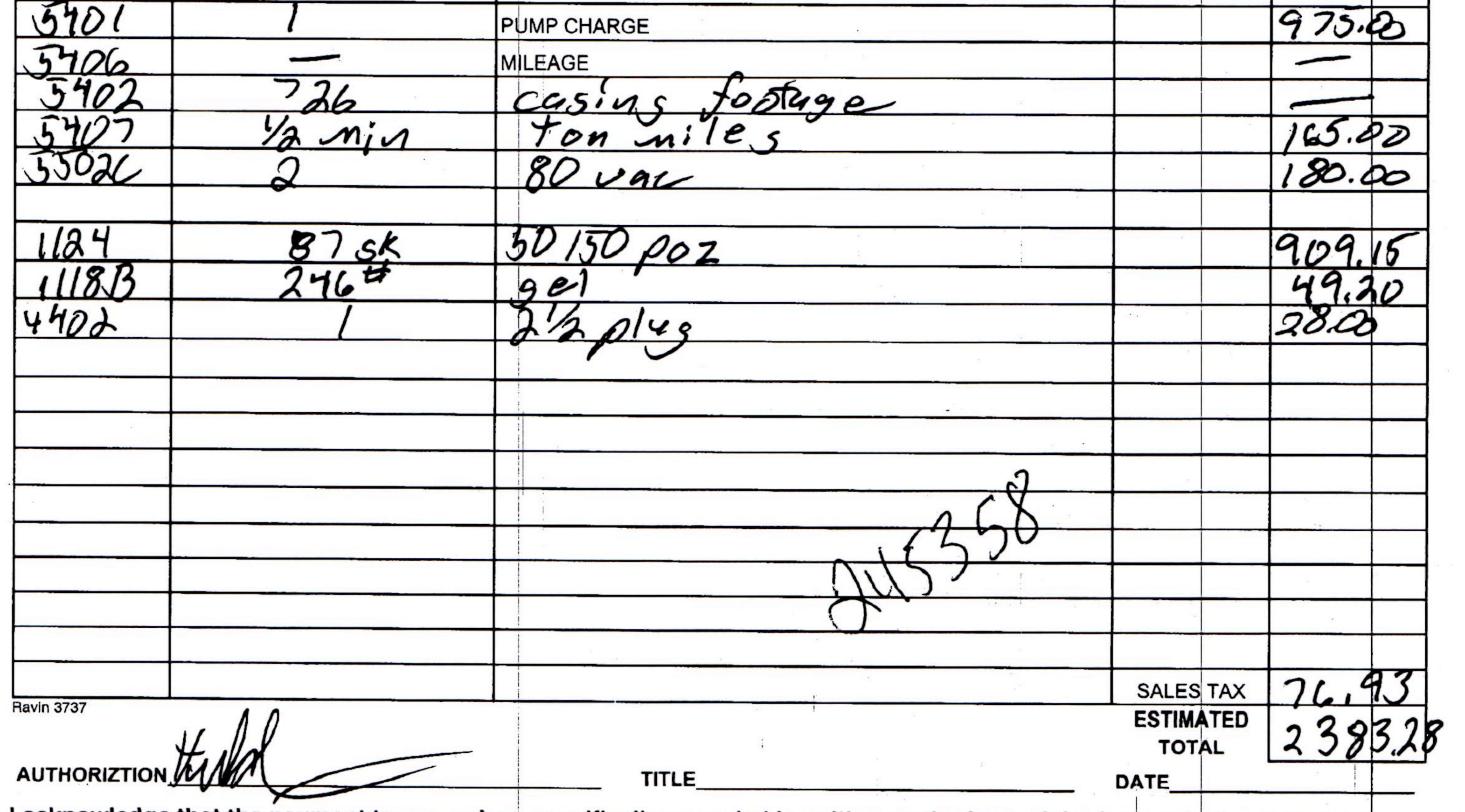
Form	ACO1 - Well Completion
Operator	Tailwater, Inc.
Well Name	SOUTH KEMPNICH 22-IW
Doc ID	1074466

Tops

Name	Тор	Datum
300	lime	base of the KC
493	lime	oil show
537	oil sand	green, good bleeding
648	broken sand	green & brown sand, good bleeding
652	oil sand	brown, good bleeding
653	broken sand	brown & green sand, good bleeding
694	oil sand	brown, OK bleeding
726	broken sand	brown & green sand, lite oil show



CASING SIZE & WEIGHT HOLE DEPTH 736 JOB TYPE long String 724 CASING DEPTH DRILL PIPE TUBING OTHER SLURRY WEIGHT Ves SLURRY VOL WATER gal/sk CEMENT LEFT in CASING DISPLACEMENT PSI 800 MIX PSI 200 DISPLACEMENT RATE 5 bon neeting ablished **REMARKS:** Mixedt ren Nat 31 um ve DIE lowe rouldred Cenent isseed Casing um un per Ogi osed velue. MINUTE Evans Eners. auls 1 anta ACCOUNT QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL CODE 5401



I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.