KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

- (Form ACO-1
	June 2009
UNIMA	Form Must Be Typed
URIGINAL	Form must be Signed
LAI LAI	blanks must be Filled
- 4 0 -	

OPERATOR: License # 31900	API No. 15 - 063-21849-00-00
Name: Nor-West Kansas Oil, L.L.C.	Spot Description:
Address 1: _20014 283 Hwy.	NE_NW_NW_SE_Sec. 15 Twp. 14 S. R. 30 East west
Address 2:	2,390 Feet from North / South Line of Section
City: WaKeeney State: KS. Zip: 67672 + 2722	2,180 Feet from 🗸 East / 🗌 West Line of Section
Contact Person: Patrick G. Wanker, SecTreas.	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 743-2769	
· ·	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License # 33575	County: Gove Lease Name: Rudzik Well #: 1
Name: W W Drilling, L.L.C.	
Wellsite Geologist: Richard Bell	Field Name: Unknown
Purchaser: N.C.R.A.	Producing Formation: Johnson, Myrick Station, Ft. Scott
Designate Type of Completion:	Elevation: Ground: 2694.6 Kelly Bushing: 2700
✓ New Well Re-Entry Workover	Total Depth: 4545 Plug Back Total Depth:
☑ cil □ wsw □ swb □ slow	Amount of Surface Pipe Set and Cemented at: 235 Feet
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? Yes No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from: 234
Cathodic Other (Core, Expl., etc.):	feet depth to: surface w/ 165 sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	- 111 1.1.4 M
Well Name:	Drilling Fluid Management Plan (Date must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Chloride content: 1400 ppm Fluid volume: 3000 bbls
Conv. to GSW	Dewatering method used: Air Dry - Backfill
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 #:	1
ENHR Permit #:	QuarterSecTwpS. RRECEIVED West
GSW Permit#:	County: Permit #:
6/14/10 6/23/10	FEB 2 2 2012
Spud Date or Date Reached TD Completion Date or Recompletion Date	KCC MICHIE
	NOC WICHITA
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover or co	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information
of side two of this form will be held confidential for a period of 12 months if req	quested in writing and submitted with the form (see rule 82-3-107 for confiden-
tiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for	ell report shall be attached with this form. ALL CEMENTING TICKETS MUST
DE AT INCIDED. Gubilita OF Form what all plugged wolld. Gubilita G. 1771 of	III with all temporarily abardoned wells.
AFFIDAVIT \	KCC Office Use ONLY
I am the affiant and I hereby certify that all requirements of the statutes, rules and r	regu-
lations promulgated to regulate the oil and gas industry have been fully complied	
and the statements herein are complete and correct to the best of my knowledg	Çonfidential Release Date:
- HITTING	Wireline Log Received
Signature: [William Wil	Geologist Report Received
Title: Sec-Treas., Date: 2-20-12	UIC Distribution
	ALT 1 VII III Approved by: Date: 228

Side Two

Operator Name: No	r-West Kansas O	il, L.L.C.	Lease I	Name: _	Rudzik		_Well #:1_		
Sec. 15 Twp. 14 S. R. 30 East									
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 Wireline Logs surveyed. Attach final geological well site report.									
Drill Stem Tests Take		✓ Yes No		✓ Log Formation (Top), Depth and Datum				Sample	
·	•	✓ Yes No		Nam			Тор		Datum
Samples Sent to Geo	ological Survey			Anhyd			2161		539
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No		Hebne			3766	-1	1066
Electric Log Submitte	ed Electronically	Yes No		Base	of K.C.		4116	-1	1416
(If no, Submit Cop	y)			Myrick	Station		4281	-1	1581
List All E. Logs Run:				Fort S	cott		4303	-1	1603
_	Sonic Log; Micro	presistivity Log; Du	ıal	Missis	sippi Dolomite		4478	-1	1778
		on Log; Fracfinde		T.D.			4552	-1	1852
		CASING	RECORD	√ Ne	w Used				
		Report all strings set-	conductor, su	ırface, inte	ermediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
Surface	12 1/4	8 5/8's	20#		235'	Common	165	3% cc; 2% gel	
Production	7 7/8's	5 1/2	15.5#		4541'	ED-2	175	SMB 265 sacks	
	·	ADDITIONAL	CEMENTIN	NG / SOL	JEEZE RECORD		_1	_i	
Purpose:	Depth Top Bottom	Type of Cement		# Sacks Used Type and Percent Additives			;		
Protect Casing Plug Back TD									
Plug Off Zone				,					
			I .		1				
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per				cture, Shot, Cement count and Kind of Ma		ď	Depth
4	4480-4484				Set Cast Iron	Bridge Plug			4464
4	4383-4386 and 4	375-4378			250 gal. 15%	MCA; 1000 ga	l. 15% NE, 2	% MS	
4	4305-4307				1500 gal. Ge	lled Acid; 250 g	gal. 15% MC/	۹;	
4	4283-4287				1500 gal. 15	% NE Acid			
Re-treated	4305-4307				1500 gal. NE	Acid			
TUBING RECORD: Size: Set At: Packer At: Liner Run: 2 7/8's □ Yes ☑ No									
	Production, SWD or EN	HR. Producing Met	hod:	 a П	Gas Lift 0	ther (Explain)			
Estimated Production	Oil	Bbls. Gas	Mcf	Wate			Gas-Oil Ratio		Gravity
Per 24 Hours	35			2			7% oil		33.6
DISPOSITI	ON OF GAS:		METHOD OF	COMPLE	ETION:		PRODUCTION	ON INTER	VAL:
Vented Sold	_		Perf.	_		nmingled . 4;	383-4386; 43		
1 —	bmit ACO-18.)	Other (Specify)	•	(Submit)		6# ACO-4) '	283-4287		



PO BOX 31 Russell, KS 67665

INVOICE

Invoice Number: 123114 ~

Invoice Date: Jun 14, 2010 1

Page:

Voice: Fax:

(785) 483-3887 (785) 483-5566

Bill To:

Nor-West Kansas Oil, LLC

20014 283 Hwy

Wakeeney, KS 67672-2722

Customer ID	Well Name# or Customer P.O.	Payment Terms			
Nor	Rudzik #15-1	Net 30	Net 30 Days		
Job Location	Camp Location	Service Date	Due Date		
KS1-01	Oakley	Jun 14, 2010	7/14/10		

Quantity	Item	Description	Unit Price	Amount
-	MAT	Class A Common	15.45	2,549.25
3.00	MAT	Gel ·	20.80	62.40
6.00	MAT	Chloride	58.20	349.20
174.00	SER	Handling	2.40	417.60
	SER	Mileage 174 sx @.10 per sk per mi	17.40	609.00
1.00	SER	Surface	1,018.00	1,018.00
	SER	Pump Truck Mileage	7.00	245.00
	*•0	20 30 36 2m	- . '	~
5,4	59•19+	·	R	ECEIVED
	50 • 09 -	·		B 2 2 2012
00			•	D 7 7 7017
4,4	09•10*+		KC	WICHITA
	_	Subtotal		5 250 45

YABLE TE OF

INVUICE. I 112% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

ONLY IF PAID ON OR BEFORE Jul 9, 2010

5,250.45 Subtotal 208.74 Sales Tax **Total Invoice Amount** 5,459.19 Payment/Credit Applied TOTAL 5,459.19

ALLIEC_CEMENTING C.J., LLC. 035078

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

SERVICE POINT:

OAKLEX

0-14-10 SE	C. TWP. 145	RANGE 30い	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
RUDZIK	1			11/100/11/1	COUNTY	STATE
	ELL# 15-/	LOCATION OAK/S	y 115-8E-105-	36-122-6-	GOUE	Ks
OLD OR NEW (Circle	one)					•
CONTRACTOR U	Utw DRLA	RI9 46			-	
	URFACE	KEG 6	OWNER	SAME		
	7/4 T.D.	235	CEMENT.			
	58 DEP		_ CEMENT _ AMOUNT OR	DEDED		
TUBING SIZE	DEP		/65 .3Ks	Com 320 CC	79.00	- 1
DRILL PIPE	DEP			<u> </u>	2/0.72	-(
TOOL	DEP	TH_			**	
PRES. MAX	MIN	IMUM .	_ COMMON	165 SKS	@ 15 45	2549 2
MEAS. LINE		E JOINT	_ POZMIX		@	
CEMENT LEFT IN CS	G. /s	5	GEL	3 SKS	@ 20 80	624
PERFS.			_ CHLORIDE _	6 5KS	@ 5 £ 2 9	349 24
DISPLACEMENT		8,6/5	ASC		@	
	EQUIPMENT				@	
•	•				@	
PUMPTRUCK CEM	MENTER	ERRY			@	
		RENE			_@	
BULK TRUCK					. @	·
# 377 DRI	VER W	I //			.@	· ———
BULK TRUCK					.@`	•
# DRI	VER		- HANDLING_	174 3K5	@ 40_	417 6
			- MILEAGE 2	· · · · · · · · · · · · · · · · · · ·	@ 2 -E	602 =
	REMARKS:		MILEAGE ZE	14 PLK JK/		7
Cama 17	1. 1 ^C	1 -		•	TOTAL	3987 4
CEMENT d	IN CI	RC.	<u> </u>	t		
			- ,	SERVIC	E -	
			_	· · · · · · · · · · · · · · · · · · ·		
			_ DEPTH OF JO	·	234	
			- PUMP TRUCK		, , ,	-/0/8
			EXTRA FOOT	AUE.	@	7.17
			_ MILEAGE	- 35 RE CE	WFI7 *	<u>~275</u>
		TUANK	- MANIFOLD _			
		1 404			2012	
CHARGE TO: Nok-	WEST KA.	1845 05/ 140	•	VCC W		
		UN 02/7	<u>.</u>	KCC W	••••	1263 %
STREET		\	<u>.</u>		TOTAL	1767 7
CITY	STATE	710				
C111	_ 51AIL		-	PLUG & FLOAT	EOUIPMEN	Т
			•		C	
				•	@ @	
To Allied Comenting	Co LLC '				@	***************************************
To Allied Cementing (-	@	
You are hereby reques			***		@	
and furnish cementer;					•	2 .
contractor to do work			•	Acres 2	TOTAL	•
done to satisfaction an				•	TOTAL	
contractor. I have read			SALES TAX (I	f Any)		•
TERMS AND COND	HUNS" listed (on the reverse side.	·	• •		 ,
•			TOTAL CHAR	GES		
PRINTED NAME	New Ric	60	DISCOUNT		te da in	O IN 30 DAY:
· - 		136	D.OCOON1	· · · · · · · · · · · · · · · · · · ·	IF PAIL	/ IIY OU DAY:
SIGNATURE AAA	al Reas			• :		••
SIGNATURE	ALISCAS			•	1	

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on th front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials products, or supplies used, sold, or furnished under the requirements of this contract.

- TERMS: Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before th job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/c merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of th merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annui until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate c interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereb is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER (at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree the Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- —ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Cor tract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including but not limited to, a reasonable sum as and for attorney's fees.
- —PRICES AND TAXES: All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station an are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of th merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged t
- -TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipmen Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ rractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOME! or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.
 - -PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of th cancellation.
 - DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract; a deadhaul charge as set forth in ALLIED. current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
 - -SERVICE CONDITIONS AND LIABILITIES:

(3)

- 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown cond tions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hol harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for: The Little May
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/c the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a we blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance wit this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
- 2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landir for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost t ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligene of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cemen caused by contamination of water or other fluids.

WARRANTIES:

- 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmansh under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY I APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY A TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy wit regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, an ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
 - 2. More specifically:
- (A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of an work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or da furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendation made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or i employees in the preparation or furnishing of such facts, information or data.
- (C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED w accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



P. O. Box 466

Ness City, KS 67560

Off: 785-798-2300



Invoice

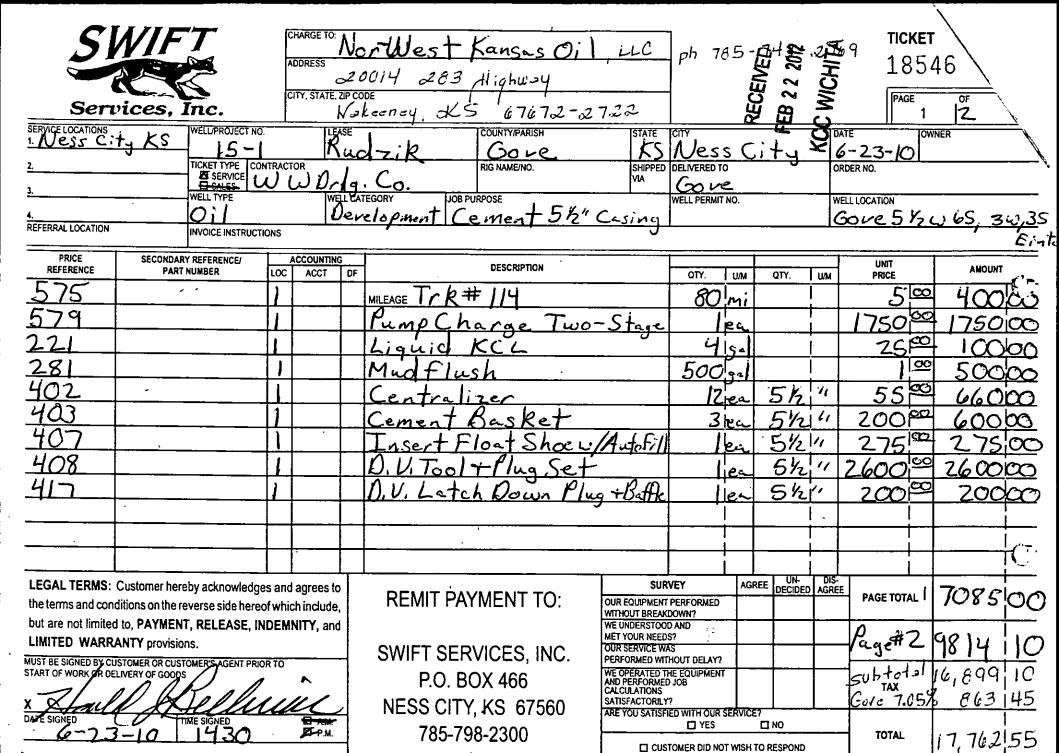
DATE	INVOICE#
6/23/2010	18546

BILL TO

Nor-West Kansas Oil, LLC 20014 283 Highway Wakeeney, KS 67672-2722

- Acidizing
- Cement
- Tool Rental

					T		1		<u> </u>	
TERMS	Well No	. Lease	County	Contractor	Well Type		pe Well Categor		Job Purpose	Operator
Net 30	#15-1	Rudzik	-> Gove	WW Drilling		Oil D		Development	Cement 5-1/2" (Brett
PRICE I	REF.		DESCRIPT	TION		QT	1	UM	UNIT PRICE	AMOUNT
575D 579D		fileage - 1 Way ump Charge - Two	Stage	-	i		80	Miles Job	5.00 1,750.00	400.00 1,750.00
221		iquid KCL (Clayfix					4	Gallon(s)	25.00	1,750.007
281		lud Flush	-	,			500	' '	1.00	500.001
402-5		I/2" Centralizer			•		12		55.00	660.001
403-5	5	1/2" Cement Baske	et				3	Each	200.00	600.007
407-5	5	1/2" Insert Float Si	hoe With Auto	Fill			1	Each	275.00	275.001
408-5		1/2" D.V. Tool & 1					1	Each	2,600.00	2,600.001
417-5		1/2" D.V. Latch De		iffle			1	Each	200.00	200.001
325	S	tandard Cement	Ū				175	Sacks	12.00	2,100.007
330	S	wift Multi-Density	Standard (MID	CON II)			275	Sacks	15.00	4,125.007
276	1 -	locele			• •		115	Lb(s)	, 1.50	172.501
283	S	alt	•	.*			900	Lb(s)	0.15	135.00T
284		alseal	•				8	Sack(s)	30.00	240.001
285	C	FR-1					100	Lb(s)	4.00	400.00T
290	_	-Air				4	Gallon(s)	35.00	140.00T	
581D		ervice Charge Cem	ent				450		1.50	675.00
583D		rayage					26.6	İ	1.00	1,826.60
÷	S	ubtotal ales Tax Gove Cou	nty #	2038 JUNE	W 2	8 201	%	F	7.05% RECEIVED EB 2 2 2012	16,899.10 863.45
						i .				
			``					KC	C WICHITA	
Thank You For Your Business!							•	Tota	<u> </u>	\$17,762.55



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



TICKET CONTINUATION

TICKET

PO 8ox 466 Ness City, KS 67560 DATE 6-23-10 Rudzik 15-1 CUSTOMER NOW US Off: 785-798-2300 UNIT PRICE **ACCOUNTING** AMOUNT SECONDARY REFERENCE/ PRICE DESCRIPTION TIME QTY. UM REFERENCE PART NUMBER roc ACCT DF 325 165 116s 900 16s RECEIVED SERVICE CHARGE LOADED MILES MILEAGE TOTAL WEIGHT CHARGE 45665 CONTINUATION TOTAL

•							
JOB LO)G						ices, Inc. Date 6-23-10 Page No.
CUSTOMER	West 1	(unsas Ol	WELL NO. 15	-/	LEASERUC	zik	Conent Two-Stage TICKET NO. 18546
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMP:		E (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1430	· -					On Location
						ļ. <u> </u>	51/2"15,5# Cent. 3,5,6,7,8,12,13,14
							TO-4545 16, 17, 18, 57
		- 	· · · · · · · · · · · · · · · · · · ·	_	_	<u> </u>	TP-4541 Basket-10,22,58
						ļ.———	PS-4541!
·				-			55-21 D. V. Tool-58 2160
	1530					'	Start 51/2" Casing
	1730	-					Break Circulation
	1845	634	32			200	Pump 500gel Mud Flush+ 20661 KCL Fli
	1850	41/2		1		200	Start Cement 175sks EA-2015.50
			42				Shut Down-Release Plug-Wash Pumplines
	1915	63/4		/		200	StartDisplacement
		63/4	84	1		300	Lift Cement
						750	MaxLift
,	1930		107.5			15 <u>0</u> 0	Land Plug-Release-Held
	1020						N
	1930						Wrop Bomb - Let Fall
							Open-D.V. Tool-Good Circulatio
						1	Circulate Zhrs.
	2130	63/4	20			200	Pump 20661 KCLFlash.
	2135	3	7	'			Plug Rat Hole 30sks
		4		1		700	Start Cement 2455ks@11,25Mi
			135_				ShutDown-Kelenserlug
	2205	63/4		/		300	Start Displacement
		<u></u>	37.6	0		500	Cement to Surface ByCo
	ļ				<u> </u>	ļ	Start Displacement Cement to Surface BiCo 25sks topit X/
	 		61.0				
	245		544			1 150	Land Plug - Close D. VRECEIVED
	-			\		+	Washtrack FEB 22 2012
	2300						Job Complete KCC WICHITA
						, , , ,	Thank you
							Brott, Dave, Lanc + Rob

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