

### Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

ORIGINAL

### **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License #31822	API No. 15 - 051-25,759-0000
Name: Jolen Operating Company	County: Ellis
Address: 100 N. Broadway, Suite 2460	NW - SW - NE - NW Sec. 36 Twp. 11 S. R. 17 ☐ East 🗸 West
City/State/Zip: Oklahoma City	840 feet from S (N)(circle one) Line of Section
Purchaser: NCRA	1,520 teet from E (W) (circle one) Line of Section
Operator Contact Person: John Bryant	Footages Calculated from Nearest Outside Section Corner:
Phone: (_405) _235-8444	(circle one) NE SE (NW) SW
Contractor: Name: Discovery Drilling Co., Inc.	Lease Name: Samuelson Well #: 8
License: 31548	Field Name: Bemis Schutts
Wellsite Geologist: Marc Downing	Producing Formation: Arbuckle
Designate Type of Completion:	Elevation: Ground: 2029' Kelly Bushing: 2037'
New Well Re-Entry Workover	Total Depth: 3527 Plug Back Total Depth:
✓ Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 210.84 Feet
Gas ENHR SIGW	
	Multiple Stage Cementing Collar Used?  If yes, show depth set     1196
Dry Other (Core, WSW, Expl., Cathodic, etc)	
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1196  feet depth to surface w/ 100 sx cmt.
Operator:	feet depth to surface w/ 100 sx cmt.  15 sx Rat hole 15 sx mouse hole
Well Name:	Drilling Fluid Management Plan AI+ II NGR 8-20-08
Original Comp. Date:Óriginal Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf. Conv. to Enhr./SWD	Chloride content 16,000 ppm Fluid volume 240 bbls
Plug BackPlug Back Total Depth	Dewatering method used evaporation
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No*	Operator Name:
4/15/08 4/20/08 4/20/08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R 🗌 East 🗌 West
Recompletion Date Recompletion Date	County: Docket No.:
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 a 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 regulat herein are complete and correct to the best of my knowledge.  Signature:	ke the oil and gas industry have been fully complied with and the statements  KCC Office Use ONLY
Title: Agent Date: 8/12/08	Letter of Confidentiality Received
Subscribed and sworn to before me this 12th day of August	If Denied, Yes Date:
·	Wireline Log Received
20 08 .	Geologist Report Received RECEIVED KANSAS CORPORATION COMMISSION
Notary Public: Cynthia A. Weigel	UIC Distribution
Date Commission Expires: February 8, 2012	AUG 1 3 2008
MOTARY PUBLIC - State of Kansas CYNTHIA A. WEIGEL My Appt. Exp. 2-8-12	CONSERVATION DIVISION WICHITA, KS

#### Side Two

perator Name: Jol	en Operating Comp	any	Lea	ise Name: S	amuelson		Well #: _8	
•	11 S. R. 17			nty: Ellis				-
lested, time tool ope temperature, fluid re	Show important tops en and closed, flowin ecovery, and flow rate gs surveyed. Attach	g and shut-in preses if gas to surface	sures, whether test, along with	shut-in pres	sure reached s	tatic level, hydr	ostatic pressu	
Drill Stem Tests Tak (Attach Additiona		<b>√</b> Yes	] No	✓Lo	g Formatio	n (Top), Depth	and Datum	Sample
Samples Sent to Ge	•	☐ Yes 🗸	] No	Name Topek			Top 2962	Datum -925
Cores Taken	,		] No	LKC	a		3248	- <del>9</del> 23 -1211
Electric Log Run (Submit Copy)			]No	вкс			3481	-1444
List All E. Logs Run	:			Arbuc	kle (sample)		3516	-1479
gamma-ray/c	cl log,DIL,CNL		ASING RECORE	D V New	/ Used			
	Size Hole	Report all strir	igs set-conductor,	surface, inter	mediate, producti		# Cooks	Tree and David
Purpose of String	Drilled	Set (In O.D.		s. / Ft.	Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23	-	210.84	common	150	2%gel 3%cc
Production	7 7/8"	5 1/2"	14	;	3514	EA/2	165	
Purpose:	Depth	ADDIT	IONAL CEMEN	TING / SQUE	EZE RECORD			
Perforate Protect Casing	Top Bottom		#540	.ns Oseu	- ARL	Type and I	Percent Additives	5
Plug Off Zone	surface/1196	Midcon II	100		(Port Collar)	MPROMADOLI V 6		
Shots Per Foot	PERFORATI Specify	ON RECORD - Brid	ige Plugs Set/Typ	e .	Acid, Fract	ure, Shot, Cemen	it Squeeze Reco	ord Depth
4	3519.5 to 3525.5 (d				300gal 20% M			
	4 1							
Mills and by Mally work of waters must use on a summer of the first of	and a company of the control of the	•	TO THE RESIDENCE OF THE PARTY O		A CONTRACTOR OF A CONTRACTOR O	THE PARTY OF THE P	KAN	RECEIVED NSAS CORPORATION COM
								AUG 13 2008
		10-5-111111				THE PARTY OF THE P	marianti.	
TUBING RECORD 2.3	Size 3/8"	Set At 3500	Packer na	r At	Liner Run	Yes ✓ No		CONSERVATION DIVISION WICHITA, KS
antastan,	d Production, SWD or E		ing Method	Flowing	✓ Pumping			er (Explain)
Estimated Production Per 24 Hours	0il 42	Bbis. Gas	s Mcf	Water	Bbl		Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C		<u></u> 1		Production Interva	al		
Vented Sold	Used on Lease	✓ Oper		orf. Duz	ally Comp.	Commingled	4	
			Hole Pe	erf. Dua	ally Comp. [	Commingled	***************************************	

### THE FLEISCHAKER COMPANIES

**JOLEN OPERATING COMPANY** 

August 13, 2008

Kansas Corporation Commission **Conservation Division** 130 S. Market. Room 2078 Wichita KS 67202

Re: Samuelson #83 Sec. 36-11S-17W

Ellis County, Kansas

Gentlemen.

Enclosed please find a copy of the Drill Stem Test for the above referenced well. The ACO-1 was filed at an earlier date and this should have been included as an attachment.

Should you have any questions, or need additional information, please call me at the phone number below, extension 10.

Sincerely,

**Bonnie Friend** 

RECEIVED KANSAS CORPORATION COMMISSION

AUG 15 2008

CONSERVATION DIVISION WICHITA, KS



## Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

NOTARY PUBLIC - State of Kansas

### **DRILLER'S LOG**

Opera	tor: <b>Jolen Operating Co</b> 100 North Broadway Oklahoma City, OK	Suite 2460		Discovery Drilling Co., In PO Box 763 Hays, KS 67601	nc. LIC#31548
Lea	se: Samuelson #8		Location:	150' N & 130' W of SW / I Sec. 36 / 11S / 17W Ellis Co., KS	NE / NW
	5 1/2" @	210.84' w / 150 sks 3514' w / 165 sks ar @ 1196') DEPTHS &	Elevation: Completed:	051-25, 759-0000 2029' GL / 2037' KB 4/20/2008 Oil Well	
Surface	e, Sand & Shale	0'	Shale	1255'	
Dakota	Sand	539'	Shale & Lime	1807	
Shale		616'	Shale	2218'	
Cedar	Hill Sand	746'	Shale & Lime	2641'	
Red Be	d Shale	933'	Lime & Shale	3174'	
Anhydr	ite	1220'	RTD	3527'	
Base A	nhydrite	1255'			
	OF KANSAS )			KA	RECEIVED ANSAS CORPORATION COMMISSION
	TY OF ELLIS )				AUG 13 2008
	Thomas H. Alm of Discov ve and foregoing is a tru				CONSERVATION DIVISION WICHITA, KS
		,	nas H. Alm		-
Subscr	bed and sworn to before	-	22-08		
My Cor	nmission expires:	-9-11	<del>-/</del> /	7	
(Place	stamp or seal below)	Notal	<i>Slenns</i> S ry Public	Ulm	

## ALLIED CEMENTING CO., LLC. 34627

RUSSELL, KANSAS 6	7665		SERV	LEPOINT:	ell
DATE 4.508 SEC 1 TWP.	RANGE	CALLED OUT ON L	OCATION	JOB START	JOB FINISH
LEASE Sampe Son WELL # 8	LOCATION ( poli)	LD N WILLS RD	185	COUNTY	STATE
OLD OR NEW (Circle one)	Einto	NO VOUI - FO	10-	<b>1711</b>	
	-	gentles and other statements and the statements are statements are statements and the statements are statements and the statements are statements and the statements are statements are statements and the statements are statements and the statements are statements are statements are statements and the statements are statements are statements and the statements are stateme			
CONTRACTOR 1 Scorery 7	<b>†</b> 1	OWNER			
TYPE OF JOB Surface 50 HOLE SIZE	D. 211	CEMENT			
	DEPTH 21(	AMOUNT ORDERE	D 150	Com	
	DEPTH			3% CC	
	EPTH	<u></u>		29/0600	·
	DEPTH	_		- 11 1000	- 12:33
	IINIMUM HOE JOINT	COMMON_/50		@ <u>/2 · /5</u> @	1822,50
CEMENT LEFT IN CSG. 15'	HOE JOIN!	_ POZMIX3			54.75
PERFS.		CHLORIDE 5			255.00
DISPLACEMENT 12/2BC	_	ASC		@	
EQUIPMEN	NT		,	@	
•				@	-
PUMP TRUCK CEMENTER	neia				
# 366 HELPER Mat			· · · · · · · · · · · · · · · · · · ·	@ @	
BULK TRUCK	_			@ @	
# 378 DRIVER On	:S.B			@	
BULK TRUCK	4. ,			@	
# DRIVER		- HANDLING_ <i>/58</i>	7.11	@ <u>2.05</u>	323.90
		MILEAGE	<i>09/3/</i> L/mi		483.48
REMARKS	<b>5:</b>	•		TOTAL	2439.6
	, 21	_		_	
Coment Circui	latec.	_	SERVIC	E	
		_ DEPTH OF JOB			,
		PUMP TRUCK CHAI			89300
		EXTERN A ROOMA CE		@	
		_ MILEAGE <u>34</u>		@ 7.00	238
		- MANIFOLD		@	
~ 1. Oh-		RECEIVED		@	
CHARGE TO: Soen Che	ration	KANSAS CORPORATION COMM	ISSION		
STREET CO ZUNSZER	OIL POBZII	_ AUG 1 3 2008		TOTAL	_1131.00
CITY HAYS STATE	S ZIP 6760/	/			
of K	211 2.0.7	CONSERVATION PIVISION WICHITA, KS	& FLOAT	EQUIPMEN	T
mayor.	•			 @	
			· · · · · · · · · · · · · · · · · · ·	@	
To Allied Cementing Co., LLC.		**			
You are hereby requested to rent c					
and furnish cementer and helper(s)				@	
contractor to do work as is listed.					
done to satisfaction and supervisio				TOTAL	
contractor. I have read and unders		0.2-00			
TERMS AND CONDITIONS" list	ed on the reverse side	. SALES TAX (If Any)			
		TOTAL CHARGES			
PRINTED NAME		DISCOUNT		IF PAII	O IN 30 DAYS
•					
arange Alleman /	( ا ا				

# ALLIED CEMENTING CO., LLC. 34627

REMIT TO P.O. BO RUSSI		SERVICE POINT:									
DATE 4.15.08	SEC.	TWP.	RANGE	CAL	LED (	OUT	ON LO	OCATION	5	START	JOB FINISH
LEASE Samue Sor	WELL#	8	LOCATION ( well	22	N	Wiles	D	185	COU	VTY	STATE
OLD OR NEW (Cir			Einto		<u> </u>						
CONTRACTOR	Scor			(	OWN	IER					
TYPE OF JOB 5 HOLE SIZE	ur tace	7.D.	211	- (	CEM	IENT					
CASING SIZE 8	5/8 23	# DEF			AMO	UNT ORD	EREL	<u>150</u>	Con	<b>M</b>	
TUBING SIZE		DEF	TH						30	o CC	
DRILL PIPE		DEF							2%	obe c	
TOOL		DEF		-	CO14	MONI	~		<b>(a)</b>	11 16	1011 - 19
PRES. MAX MEAS. LINE	· · · · · · · · · · · · · · · · · · ·		IMUM DE JOINT		COM POZN	MON	30		_@ <i>_</i> ≠ @	12.10	1822,50
CEMENT LEFT IN	CSG 1	5'	E JOHNI		GEL	VII.X	3		_ `	18.25	54.75
PERFS.	CDO.					ORIDE					255.00
DISPLACEMENT	12	12BC	,			J1(11) 13			_		
	FOLI	IPMENT		_	_				_ @ _		
•	. EQU	II IVILITY K							_ @		
PUMP TRUCK C	EMENT										
	IELPER		2	-	<del></del>				_@		
BULK TRUCK	ILLI LIC	ria Ti							_ @		
	DRIVER	Chris	, <i>R</i> .	-					_@_		***************************************
BULK TRUCK	١.		H. H.	_					_ @ 		
#	DRIVER			_ [	HAND	DLING	149	,		2.05	323.90
	DEN	MARKS:						09/5K/m		TOTAL	483.48 29.39.6
Com	ent C	ircula	الم	<u>-</u>				SERVI	CE	TOTAL	- 1 to 1 to 1
				_ I	DEPT	H OF JOB					,
						PTRUCK		GE			893=
						RA FOOTA			_ @	<u> </u>	00000
						AGE	•			7.00	
				- N	MAN	IFOLD			_ @ 		
						CEIVED		-,	- @ — @		
GILL D GED TIO	-10.	Draw	. ho n	– KANSAS	S CORP	ORATION COM	MISSION		_ @		
CHARGE TO: STREET CO	2000 2008	cpera	L POBZII	_		1 3 2008				TOTAL	1131.00
CITY HAYS	STA	ate KS	ZIP 6760/	<u>_</u> c		RVATION DIVISE VICHITA, KS [P]		& FLOAT	EQU	IPMEN'	<b>T</b>
	nautr	ン・		_							
•	·			_							
aura.		-		_							
To Allied Cementi	_		p poem on								
You are hereby rec	_			_		,			- <sup>@</sup> —		
and furnish cemen				_							
contractor to do w										тотат	
done to satisfaction	_		-							IOIAL	
contractor. I have				9	ALF	S TAX (If	Anv)				
TERMS AND CO	IOITIUN	NS" listed	on the reverse side	•							
				T	OTA	L CHARG	ES				
PRINTED NAME_				_ D	DISCO	OUNT			<u> </u>	IF PAID	IN 30 DAYS
1.	11-22-	. /									

# ALLIED CEMENTING CO., LLC. 34627

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SE	RVICE POINT: <b>KISSELL</b>
DATE 4-15-08 36 TWP. RANGE	CALLED OUT ON LOCATION	JOB START JOB FINISH
	odell kd N Wiles Rd 1/85	COUNTY STATE
CONTRACTOR DScovery #1	OWNER	
TYPE OF JOB Surface 500  HOLE SIZE  CASING SIZE 898 23# DEPTH 211	CEMENT AMOUNT ORDERED	D Com
TUBING SIZE DEPTH		39/0 CC
DRILL PIPE DEPTH		28/0 GC C
TOOL DEPTH		
PRES. MAX MINIMUM	COMMON_/5'O	@_ <i>[]</i> 2.15 <sup></sup> _/8 <i>]</i> 2.50
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. 15'	POZMIX	@ @ <i> 8.25</i>
PERFS.	GEL 3 CHLORIDE 5	@ <i>_51.00255.01</i>
DISPLACEMENT 12/2BC	ASC .	
EQUIPMENT	7.00	
EQUITMENT		@
PUMP TRUCK CEMENTER Craia		@
PUMP TRUCK CEMENTER Craig  # 3(6) HELPER Ma+1		@
BULK TRUCK		@
# 378 DRIVER CARS. B.		@
BULK TRUCK		@
# DRIVER	—— HANDLING 158	@
	MILEAGE	MI- 483.48
REMARKS:	,	TOTAL <u>2939.60</u>
Coment Circulated!	SERV	VICE .
	DEPTH OF JOB	•
	PUMP TRUCK CHARGE	843 3
	EXTRA FOOTAGE ,	@
	MILEAGE 34	@ 1.00 238 <sup>22</sup>
	——— MANIFOLD	
~ · · · · · ·		@
STREET C/O ZUNSZER OIL POBO	11	TOTAL _ <i>//31.00</i>
CITY #495 STATE KS ZIP67  RECEIVED KANSAS CORPORATION CO	PLUG & FLOA	AT EQUIPMENT
V(V(V) - 1 2 200	0	@
AUG 1 3 200	0	
To Williad Computing Co. TITC - CONSERVATION DIVI	SION	
To Allied Cementing Co., LLC. CONSERVATION DIVING WICHITA, KS  You are hereby requested to rent cementing equipr	nent	@
and furnish cementer and helper(s) to assist owner		@
contractor to do work as is listed. The above work		
done to satisfaction and supervision of owner agen		TOTAL
contractor. I have read and understand the "GENE	RAL	
TERMS AND CONDITIONS" listed on the reverse	CALECTAN/ICA	
The second secon	TOTAL CHARGES	
PRINTED NAME	DISCOUNT	IF PAID IN 30 DAYS
	•	





## Invoice

DATE	INVOICE#
4/20/2008	14130

BILL TO

Jolen Operating Company P.O. Box 211

Hays, KS 67601

Acidizing

Cement

• Tool Rental

TERMS	Well No.	Lease	County	Contractor	We	II Type	W	ell Category	Job Purpose	Operator
Net 30	#8	Samuelson	Ellis	Discovery Drilling		Oil	D	evelopment	5-1/2" LongStrin	g Wayne
PRICE R	REF.		DESCRIPT	TON		QTY	′	UM	UNIT PRICE	AMOUNT
575D 578D-L 221 281 402-5 403-5 404-5 406-5 405-5 325 276 283 284 285 290 581D 583D	Pt Li M 5 5 5 5 5 St Fl Sa Ci Cl D-	iileage - 1 Way Imp Charge - Long iquid KCL (Clayfix iud Flush 1/2" Centralizer 1/2" Cement Baske 1/2" Port Collar - 7 1/2" Latch Down F 1/2" Formation Pac andard Cement occle alt alseal FR-1 -Air crvice Charge Ceme rayage	et Fop Joint #57 - Plug & Baffle Eker Shoe	REC KANSAS CORPOR AUG 1 CONSERVA	3 2	D COMMISSI 108	1 2 500 8 2 1 1 1 165 41 850 2 165 5.02		6.00 1,400.00 26.00 1.00 100.00 300.00 2,300.00 2,350.00 1,400.00 12.75 1.50 0.20 30.00 4.50 35.00 1.90 1.75	240.00 1,400.00 52.00 500.00 800.00 2,300.00 2,35.00 1,400.00 2,103.75 61.50 170.00 240.00 450.00 70.00 313.50 605.54





Invoice

DATE INVOICE # 4/20/2008 14130

BILL TO

Jolen Operating Company

P.O. Box 211

Hays, KS 67601

•	Acidizing
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- Cement
- Tool Rental

		7	9/ " 1							
TERMS W	ell No.	Lease	County	Contractor	We	II Type	w	ell Category	Job Purpose	Operator
Net 30	#8	Samuelson	Ellis	Discovery Drilling		Oil	D	evelopment	5-1/2" LongStri	ng Wayne
PRICE REF	F.		DESCRIPT	TION		QTY	r.	UM	UNIT PRICE	AMOUNT
575D 578D-L 221 281 402-5 403-5 404-5 406-5 405-5 325 276 283 284 285 290 581D 583D	Pur Liq Mu 5 1/ 5 1/ 5 1/ 5 1/ Star Floo Salt Cal: CFI D-A	seal R-1	et Fop Joint #57 - Plug & Baffle eker Shoe V		100 C	346	8 2 1 1 1 165 41 850 8 100 2 165 5.02	Job Gallon(s) Gallon(s) Each Each Each Each Sacks Lb(s) Lb(s) Sack(s) Lb(s) Gallon(s) Sacks	6.00 1,400.00 26.00 1.00 100.00 300.00 2,300.00 235.00 1,400.00 12.75 1.50 0.20 30.00 4.50 35.00 1.90 1.75	240.00 1,400.00 52.00 500.00 800.00 600.00 2,300.00 1,400.00 2,103.75 61.50 170.00 240.00 450.00 70.00 313.50 605.54
Thank Y	ou F	or Your B	Business		n, 100 I		1	Total		\$11,541.29





**Invoice** 

DATE	INVOICE#
4/20/2008	14130

BILL TO

Jolen Operating Company P.O. Box 211

Hays, KS 67601

Acidizing

Cement

Tool Rental

			4/4							
TERMS	Well N	o. Lease	County	Contractor	We	II Type	W	ell Category	Job Purpos	Operator
Net 30	#8	Samuelson	Ellis	Discovery Drilling		Oil Developme		evelopment	5-1/2" LongStr	ing Wayne
PRICE		TION		QTY UM		UNIT PRICE	AMOUNT			
575D 578D-L 221 281 402-5 403-5 404-5 406-5 405-5 325 276 283 284 285 290 581D 583D		Mileage - 1 Way Pump Charge - Long Liquid KCL (Clayfix Mud Flush 5 1/2" Centralizer 5 1/2" Cement Bask 5 1/2" Port Collar - 5 1/2" Latch Down I 5 1/2" Formation Pa Standard Cement Flocele Salt Calseal CFR-1 D-Air Service Charge Cem Drayage	et Fop Joint #57 - Plug & Baffle cker Shoe \(\nu\)	1196 Feet  KANSAS COL	RPORA IG 1 ERVAT	346	1 2 500 8 2 1 1 1 165 41 850 8 100 2 165 5.02	Miles Job Gallon(s) Gallon(s) Each Each Each Each Sacks Lb(s) Lb(s) Sack(s) Lb(s) Gallon(s) Sacks Ton Miles	6.00 1,400.00 26.00 1.00 100.00 300.00 2,300.00 235.00 1,400.00 12.75 1.50 0.20 30.00 4.50 35.00 1.90 1.75	240.00 1,400.00 52.00 500.00 800.00 600.00 2,300.00 2,35.00 1,400.00 2,103.75 61.50 170.00 240.00 450.00 70.00 313.50 605.54
Thank	You	For Your I	Business	<b>)</b> !	<u>_</u>			Total		\$11,541.29





DATE	INVOICE#
4/20/2008	14031

Invoice

BILL	ТО	

Jolen Operating Company

P.O. Box 211

Hays, KS 67601

•	Acidizing
---	-----------

- Cement
- Tool Rental

Thank	You	For Your l	Business					Total		\$4,575.09
				CONSEI V		N Divisio				
				KANSAS CORF		vер оп сомм <b>2008</b>	18810	NI .		
				p.r	-051	<b>/</b> ED				
•	·									
		Subtotal								4,575.09
583D		Drayage						Ton Miles	1.75	611.59
330 276 581D	ļ	Swift Multi-Density Flocele Service Charge Cem	,	CON II)			44	Sacks Lb(s) Sacks	15.50 1.50 1.90	1,550.00 66.00 332.50
290 105		D-Air Port Collar Tool Re	ntal With Man				1 1	Gallon(s) Each	35.00 400.00	35.00 400.00
575D 578D-D		Mileage - 1 Way Pump Charge - Port	Callan					Miles Job	6.00 1,400.00	180.00
PRICE I	REF.		DESCRIPT	TON	l	QTY	,	UM	UNIT PRICE	AMOUNT
Net 30	#8	Samuelson/	Ellis	Express Well Serv		Oil	D	evelopment	Cement Port Colla	Dave
TERMS(	Well N	o. Lease	County	Contractor	We	ll Type	W	ell Category	Job Purpose	Operator





### Invoice

DATE	INVOICE #
4/29/2008	14031

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Jolen Operating Company

P.O. Box 211

Hays, K5 67601

- Acidizing
- Cement
- Tool Rental

Net 30			1	-//							
DESCRIPTION	TERMS \\	Well No.	Lease	County	Contractor	We	ll Type	W	ell Category	Job Purpose	Operator
Mileage - 1 Way   30   Miles   6.00	Net 30	-#8	Samuelson	Ellis	Express Well Serv		Oil	D	evelopment	Cement Port Colla	ar Dave
Pump Charge - Port Collar   1   Job   1,400.00   1   290   D-Air     6   Gallon(s)   35.00   1   30.00   1   35.00   1   30.00   30.	PRICE RI	EF.		DESCRIPT	ION		QT\	′	UM	UNIT PRICE	AMOUNT
AUG 1 3 2008	578D-D 290 105 330 276 581D	Pu D- Po Sv Flo Se Dr	ump Charge - Port -Air ort Collar Tool Ren wift Multi-Density ocele crvice Charge Cem rayage	ntal With Man Standard (MID	REC KANSAS CORPOR	ATION	D COMMISSI	1 1 1 100 44 175 9.48	Job Gallon(s) Each Sacks Lb(s) Sacks	1,400.00 35.00 400.00 15.50 1.50 1.90 1.75	180.00 1,400.00 35.00 400.00 1,550.00 66.00 332.50 611.59



P. O. Box 466 Vess City, KS 67560



DATE	INVOICE #
4/29/2008	14031

Invoice

	Off: 785-798-2300	
ercices. The		Į

•	Acidizina
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- Cement
- Tool Rental

BILL TO Jolen Operating Company P.O. Box 211 Hays, KS 67601

TERMS	Well N	o. Lease	County	Contractor	We	il Type	w	ell Category	Job Purpose	Operator
Net 30	#8	Samuelson	Ellis	Express Well Serv		Oil		evelopment	Cement Port Colla	r Dave
PRICE	REF.		DESCRIPT	TON		QT	1	UM	UNIT PRICE	AMOUNT
575D 578D-D 290 105 330 276 581D 583D		Mileage - 1 Way Pump Charge - Port D-Air Port Collar Tool Res Swift Multi-Density Flocele Service Charge Cem Drayage  Subtotal	ntal With Man Standard (MID	OCON II)		1	1 1 1 100	Miles Job Gallon(s) Each Sacks Lb(s) Sacks Ton Miles	6.00 1,400.00 35.00 400.00 15.50 1.50 1.90 1.75	180.00 1,400.00 35.00 400.00 1,550.00 66.00 332.50 611.59
		RECEIVED KANSAS CORPORATION COMMISSION								
		AUG 1 3 2008								
		CONSERVATION DIVISION WICHITA, KS								

Thank You For Your Business!

Total

\$4,575.09