

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1080101

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 East / West Line of Section
		Footages Calculated from Nearest Outside Section Corner:
		County:
		Lease Name: Well #:
		Field Name:
5		
		Producing Formation:
Designate Type of Completion:	_	Elevation: Ground: Kelly Bushing:
New Well	e-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW	SWD SIOW	Amount of Surface Pipe Set and Cemented at: Fee
Gas D&A	ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG	GSW Temp. Abd.	If yes, show depth set: Feel
CM (Coal Bed Methane)		If Alternate II completion, cement circulated from:
Cathodic Other (Co	re, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well In	nfo as follows:	
Operator:		
Well Name:		Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original Total Depth:	
Deepening Re-per		Chloride content: ppm Fluid volume: bbls
	Conv. to GSW	Dewatering method used:
Plug Back:	Plug Back Total Depth	Location of fluid disposal if hauled offsite:
	Permit #:	Operator Name:
Dual Completion	Permit #:	Operator Name:
SWD	Permit #:	Lease Name: License #:
	Permit #:	Quarter Sec TwpS. R East Wes
GSW	Permit #:	County: Permit #:
Spud Date or Date Recompletion Date	eached 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
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

	Side Two	
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	Lu Nam	-	n (Top), Depth an	d Datum Top	Sample Datum
Samples Sent to Geolog	jical Survey	Yes	No	Nam	C		юр	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	Yes	No No No					
List All E. Logs Run:								
		(CASING	RECORD Ne	w Used			
		Report all str	ings set-c	conductor, surface, inte	ermediate, producti	on, etc.		
Purpose of String	Size Hole Drilled	Size Casin Set (In O.D		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								ement Squeeze Record I 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
						1				
DISPOSITIC	DISPOSITION OF GAS: METHOD OF COMPLI			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)						

	ONSOLIDA			•			
	ou way service	r lug			FOREMAN		
D Box AR4 C	nanute, KS 66720	n FIE	ELD TICKET & TRE	ATMENT REP			
	or 800-467-8676	•	CEME				•
DATE	CUSTOMER#	WEL	L NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-6-12	1862	Freme	Ingel Trust 2	NE 33	12	20	DG
JSTOMER C:VC/P	E Luve	stnent		TRUCK #	DRIVER	TRUCK#	DRIVER
ALING ADDRE	SS			516	AlanM	Jaker.	Maer
382	W			-368	BAEN M	\$PM	
TY A.J	101	TATE KS	ZIP CODE		Gary M	GM	+
DB TYPE (S~			66025 HOLE DEP	548 TH 58	CASING SIZE & W		
ASING DEPTH		RILL PIPE	TUBING	m <u>vvv</u>	VASING SIZE & V	OTHER	
URRY WEIGH		LURRY VOL	WATER ga	l/sk	CEMENT LEFT in		2.2
SPLACEMENT		ISPLACEMEN		·	RATE 44	en	
MARKS:	teld cry	en 1	neet Esty	blight	agte 1	n:xed	+
pumpe	\$ 40	56 52	2150 cement	plus 2	72,9e1	4. Ph	
cgl'ai	my wat	ter.	Mixed 25	# \$10 c	seal au	the	fh.
<u> </u>	ulated.	<u>c eme</u>	ent. Displ	aced c	using_a	igh c	lean_
Noter.	<u> </u>	ch 1	Alve,				
				·			
	Γ Ν	111	I'm- h				
NICL	rown Dr.	illing_	, Frank,		<u> </u>		
NICO	Dr.	illing	, Frank,			Inder)	
NICO	Down Dr.	illing	, Frank,		fland	loder	
ACCOUNT	QUANITY OF	<u>;] [[</u>		of SERVICES or PR	Jlan N IODUCT	UNIT PRICE	TOTAL
		UNITS	DESCRIPTION	of SERVICES or PR			TOTAL
ACCOUNT		UNITS		of SERVICES or PR			TOTAL 825,2
ACCOUNT		:] [[.ng 	DESCRIPTION PUMP CHARGE MILEAGE	of SERVICES or PR			TOTAL 825,02
ACCOUNT	QUANITY or 1 		DESCRIPTION PUMP CHARGE	of SERVICES or PR			825,02
ACCOUNT CODE 54015 5402 5402 5402 5402	QUANITY or		DESCRIPTION PUMP CHARGE MILEAGE Caising foo fon mile	of SERVICES or PR			825.02
ACCOUNT CODE 54015 5402 5402 5402 5402	QUANITY or 1 		DESCRIPTION PUMP CHARGE MILEAGE CRISING FOP	of SERVICES or PR			825,02
ACCOUNT CODE 54015 5402 5402 5402 5402	QUANITY or		DESCRIPTION PUMP CHARGE MILEAGE Caising foo fon mile	of SERVICES or PR			825.02
ACCOUNT CODE 54015 5402 5402 5402 5402	QUANITY or		DESCRIPTION PUMP CHARGE MILEAGE Caising foo fon mile	of SERVICES or PR			825.02
ACCOUNT CODE 54015 54015 5402 402 407	QUANITY or		DESCRIPTION PUMP CHARGE MILEAGE Casing for ton mile 80041	of SERVICES or PR			825.Q
ACCOUNT CODE 54015 5402 5402 5402 5402	QUANITY or		DESCRIPTION PUMP CHARGE MILEAGE Caising foo fon mile	of SERVICES or PR			825.02
ACCOUNT CODE 54015 5402 5402 5402 5402	QUANITY or 1 56 73.11 1/2 40	n	DESCRIPTION PUMP CHARGE MILEAGE Casing for for nile 80 vac 50/60 for gel	of SERVICES or PR			825.Q
ACCOUNT CODE 54015 5402 5402 5402 5402 5402 5402 5402 540	QUANITY or , , , , , , , , , , , , , , , , , , ,	n	DESCRIPTION PUMP CHARGE MILEAGE CASING FOD Ton Mile 80 Mac 52/50 foz gel FTO BODI	tyse- 5			825.Q
ACCOUNT CODE 54015 5402 5402 5402 5402 5402 5402 5402 540	QUANITY or , , , , , , , , , , , , , , , , , , ,	n	DESCRIPTION PUMP CHARGE MILEAGE CASING FOD Ton Mile 80 Mac 52/50 foz gel FTO BODI	of SERVICES or PR			825.Q
ACCOUNT CODE 54015 5402 5402 5402 5402 5402 5402 5402 540	QUANITY or , , , , , , , , , , , , , , , , , , ,	n	DESCRIPTION PUMP CHARGE MILEAGE CASING FOD Ton Mile 80 Mac 52/50 foz gel FTO BODI	tyse- 5			825.Q
ACCOUNT CODE 54015 5402 5402 5402 5402 5402 5402 5402 540	QUANITY or , , , , , , , , , , , , , , , , , , ,	n	DESCRIPTION PUMP CHARGE MILEAGE CASING FOD Ton Mile 80 Mac 52/50 foz gel FTO BODI	tyse- 5			825.Q
ACCOUNT CODE 54015 5402 5402 5402 5402 5402 5402 5402 540	QUANITY or , , , , , , , , , , , , , , , , , , ,	n	DESCRIPTION PUMP CHARGE MILEAGE CASING FOD Ton Mile 80 Mac 52/50 foz gel FTO BODI	tyse- 5			825.Q
ACCOUNT CODE 54015 5402 5402 5402 5402 5402 5402 5402 540	QUANITY or , , , , , , , , , , , , , , , , , , ,	n	DESCRIPTION PUMP CHARGE MILEAGE CASING FOD Ton Mile 80 Mac 52/50 foz gel FTO BODI	tyse- 5			825.Q
ACCOUNT CODE 54015 5402 5402 5402 5402 5402 5402 5402 540	QUANITY or , , , , , , , , , , , , , , , , , , ,	n	DESCRIPTION PUMP CHARGE MILEAGE CASING FOD Ton Mile 80 Mac 52/50 foz gel FTO BODI	tyse- 5			825.Q
ACCOUNT CODE 54015 5402 5402 702 707 3502(_ 107 102.	QUANITY or , , , , , , , , , , , , , , , , , , ,	n	DESCRIPTION PUMP CHARGE MILEAGE CASING FOD Ton Mile 80 Mac 52/50 foz gel FTO BODI	tyse- 5		UNIT PRICE	825.Q
ACCOUNT CODE 54015 5402 5402 5402 5402 5402 5402 5402 540	QUANITY or , , , , , , , , , , , , , , , , , , ,	n	DESCRIPTION PUMP CHARGE MILEAGE CASING FOD Ton Mile 80 Mac 52/50 foz gel FTO BODI	tyse- 3			825.Q
ACCOUNT CODE 54015 5402 5402 707 502(_ 107 102. 102. 102. 102.	QUANITY or 1 58 720 1/2 1/2 1/2 40 674 254 30	×	DESCRIPTION PUMP CHARGE MILEAGE CASING FOD Ton Mile 80 Mac 52/50 foz gel FTO BODI	Ause 5 hloride 5		UNIT PRICE	825,2 175.00 137.00 137.00 1

C	onsolidated			TICKET NUM	-	925
	In Wall Services, LILC		<i>:</i> .	LOCATION_C		
ų.				FOREMAN	lan A	Nad er
	nanute, KS 66720 P nr 800-467-8676	FIELD TICKET & TREA		ORT		
DATE	CUSTOMER # V	VELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
JSTOMER ,	1862 Irese	-Vagel Trust #2	NE 33	12	20	06
Circl	E THURS	ments	TRUCK #	DRIVER	TRUCK #	DOU(CD
AILING ADDRE	SS		576	ALIAN	Safety	DRIVER
3820	W 52nd	?	368	AdreaM	ARIA	drie gi
TY Í	STATE	ZIP CODE	369	Derek M	DM	
hoeland	Park K5	66025	593	Daniel 6	DG	<u>+ · · · · · · · · · · · · · · · · · · ·</u>
ов түре <u>. 194</u>	S STAILS HOLE SIZE	398 HOLE DEPT	н 765	CASING SIZE & W		718
SING DEPTH	757 DRILL PIPE				OTHER	
URRY WEIGHT	11.14	90.0		CEMENT LEFT In	CASING_KE	5
SPLACEMENT	$\frac{\eta_1 \eta_1}{1}$ displaces		200	RATE 760	in '	
MARKS: He	la crey M	eet. Establish		Mixed	+ pump	red
00 # g	el tollowed.	by a sk 50	150 een	ent plu	5 270 5	el.
Liccial	ated cement	Lushed pi	imp. fu	mpgd,	plug +	0
casin	FTU, Well.	held 800 P	ST. Se	+ floot	- Clas	ad.
Velue	، جــــــــــــــــــــــــــــــــــــ					
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00 1				·	,	
Melo	eura, Frank.			· · · · · · · · · · · · · · · · · · ·		
Mebe	eura, Frank.					
Mele	zura, Frank.			Alan A	lade	
	QUANITY or UNITS	DESCRIPTION of	SERVICES or PRO	flan A	UNIT PRICE	TOTAL
ACCOUNT		DESCRIPTION of PUMP CHARGE	SERVICES or PRO	<u>Ilan A</u> DDUCT	UNIT PRICE	<u> </u>
ACCOUNT CODE			SERVICES or PRO	Ilan A Douct	UNIT PRICE	10,20,00
ACCOUNT CODE	QUANITY OF UNITS	PUMP CHARGE		Llan A Douct	UNIT PRICE	<u> </u>
ACCOUNT CODE	QUANITY or UNITS	PUMP CHARGE MILEAGE CASTAS FOOT	SERVICES or PRO	Llau A DDUCT	UNIT PRICE	10, 70, 00 140.00
ACCOUNT CODE 1401 1406 1402 1402 1407	QUANITY OF UNITS	PUMP CHARGE MILEAGE C.G.S.Ins Floot Han Miles		<u>Ilan A</u> DDUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 7407	QUANITY OF UNITS	PUMP CHARGE MILEAGE CASTAS FOOT		Llund Douct	UNIT PRICE	10, 70, 00 140.00
ACCOUNT CODE 5401 5406 5402 7407 7407 7407 7502C	QUANITY OF UNITS	PUMP CHARGE MILEAGE Castas foot Han Miles BD UGL	ze	<u>Ilan</u> DDUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 7407 7407 7407 7502C	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE MILEAGE C.G.S.Ins Floot Han Miles	ze	Llun A DDUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 5402 5407 502C	QUANITY OF UNITS	PUMP CHARGE Mileage Castor foot tan miles BD ugc 50150 cemen	ze	Alan A DDUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 7407 7407 7407 7502C 124 1188	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE MILEAGE Castas foot Han Miles BD UGL	ze	Alm A DDUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 7407 502C 124 128	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE Mileage Castor foot tan miles BD ugc 50150 cemen	ze	DUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 7407 502C 124 128	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE Mileage Castor foot tan miles BD ugc 50150 cemen	ze	<u>Alm A</u> DDUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 7407 502C 124 118,B 402	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE Mileage Castor foot tan miles BD ugc 50150 cemen	ze	Alm A DDUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 5402 5407 502C 124 128 128 128 102	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE Mileage Castor foot tan miles BD ugc 50150 cemen	ze	<u>Alan A</u> DDUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 5402 5407 502C 124 128 128 128 102	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE Mileage Castor foot tan miles BD ugc 50150 cemen	ze	DUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 5402 5407 502C 124 128 128 128 102	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE Mileage Castor foot tan miles BD ugc 50150 cemen	ze	Alm A DDUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 7407 502C 124 118,B 402	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE Mileage Castor foot tan miles BD ugc 50150 cemen	ze	Alm A DDUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 5402 5407 502C 124 128 128 128 102	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE Mileage Castor foot tan miles BD ugc 50150 cemen	ze	<u>Alm</u> A DUCT	UNIT PRICE	10, 70, 00 140.00 175,00
ACCOUNT CODE 5401 5406 5402 7407 502C 124 1188 402	QUANITY or UNITS 7 35 754 12 12 12 12 12 12 12 12 12 12	PUMP CHARGE MILEAGE Cast & foot Yan Miles BD UGL 50150 cemen gel 21/2 plug	ze	Lland DDUCT		10,70,00 140.00 175,00 135.00 135.00 1127.85 37.33 28.00
ACCOUNT CODE 5401 5406 5402 7407 502C 124 118,8 402	QUANITY or UNITS 1 35 754 12 103	PUMP CHARGE MILEAGE Cast & foot Yan Miles BD UGL 50150 cemen gel 21/2 plug	ze	Alm A DDUCT	SALES TAX ESTIMATED TOTAL	10, 70, 00 140.00 175,00

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

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McGown Drilling, Inc. Mound City, Kansas

Operator:

Circle E Investments Roeland Park, Kansas

Irene Vogel Trust #2

Douglas County, KS 33-12S-20E API # 15-045-21715

Spud Date:	2/6/2012	Surface Bit:	11"
Surface Casing:	7"	Drill Bit:	5.875"
Surface Length:	58.05'	Longstring:	754.30'
Surface Cement:	Cemented by Consolidated	Longstring Date:	
		Longstring Size:	2 7/8 EUE

		Driller'	s Log
Тор	Bottom	Formation	Comments
0	20	Soil & clay	
20	65	Lime	
65	90	Shale	
90	105	Lime	
105	140	Shale	
140	202	Lime	
202	225	Shale	
225	236	Lime	
236	254	Shale	
254	265	Lime	
265	281	Shale	
281	367	Lime	
367	373	Shale	
373	384	Lime	
384	496	Big Shale	
496	508	Lime	
508	546	Shale	
546	552	Lime	
552	567	Shale	
567	573	Lime	
573	590	Shale	
590	592	Lime	
592	600	Shale & BI. Sh	nale
600	607	Lime	
607	631	Shale	

Irene Vogel Trust #2 Douglas Co., KS

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631	637	Lime	
637	647	Shale	
647	653	Sand	Broken, good oil show
653	700	Shale	
700	702	Sand	Broken, fair to good oil show
702	765	Shale	, C
765	TD		

Coring Run Footage Recovery 1 647-662 14'

Mud Mixes 24 sx gel to set surface