19-CONS-3173-CUIC

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

2018-11-13 16:32:09 Kansas Corporation Commission Form U-8 /s/ Lynn M. Retz

July 2014

Form must be Typed Form must be Signed All blanks must be Filled

APPLICATION TO AMEND INJECTION PERMIT

Salt Water Disposal		Permit Number:E	-31965		3-JEV
		SW 1/4 Sec. 25	Twp. 13 S.	R. 20	East West
✓ Repressuring		330 Feet from		th Section Line	
✓ Other Enhanced R	ecovery	3830 Feet from		st Section Line	
] East / [_] Wes	t Section Line	
		Lease.	5045 22 21	11-00-00	
		Well #: 1-5 /S	,		
		Douglas			County, Kansas
74H - 7 - 11 - 7 - 11 - 17 - 17		Originally granted to:	Unknown		
(All information above this line taken		naladia			10 (
Current Operator: License #	35503 Exp.	Contact Pers	son: Ron Inge	CC: Lesti	Daker
Company Name: Midstates En	ergy Operating, LLC	(As listed on operator l	license)	Keith Rec	Brook eived
Address: 5571 Halifax A	Ave. Ft Myers, FL 33912	•		KANSAS CORPOR	ATION COMMISSION
Phone: 239-454-4999)			OCT 1	9 2018
				CONSERVATION WICHING	ON DIVISION
C. Add (by the Conserva) the following leases/facilities sup	oplying produced saltw	ater or other fluids app	proved
Com	pany Name	Lease Name	Lease De	scription	
1.					
2		A TOTAL CONTRACTOR OF THE CONT			
3.					
4					
5	-				
6	<u> </u>		-		
7		10. 1 10. 10. 10. 10. 10. 10. 10. 10. 10			
8					
(Attach additi	onal sheets if necessary)				
D. Change the pern	nit by: (XXXX) add th	ne following repressuring wells:	I-4, I-3	i i	
() cha	inge the injection formation	n; or () change well co	nstruction; or (NOCKW1v-8, 150 OFee Regui
Mail to:	KCC - Conservation I	Division, 266 N Main St, Ste 2	20, Wichita, Kansa	s 67202-1513	150 ^{oo} fee Rego

Offset Operators, Unleased Mineral Owners and Landowners

(Attach additional sheets if necessary)

Name	Legal Descrip	ion of Leasehold
See attached	d listing from county appraisers office	
***************************************		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	I hereby certify that the statements made herein are true and cor	rect to the best of my knowledge and belief.
	10	
	Andica	or Duly Authorized Agent
	Applica	
	Subscribed and sworn to before me this day of	October , 2018 .
	A my Burnott	Rugar II
ST WOT MY ALE	Amy Burnett Notary Public	Notary Public
TANKA TANKA	State of Kansas My Compission Express 11-3-17	U.

Instructions for Form U-8

Application to Amend Injection Permit

- 1. All requested changes in injection authority must be submitted with this form.
- 2. Complete the top portion, (side 1) of the form with the information requested for the pilot well, as shown on the original order or permit.
- 3. Complete the current operator information, listing the license number, current name and address, contact person and phone number.
- 4. Fill in the type of change or amendment desired. Leave blank any sections not applicable.
- 5. For amendments adding additional input wells to enhanced recovery permits, the following information must be submitted in addition to pages 1 and 2 of form U-8:
 - a) pages 1 and 2 of form U-1

My Commission My Appt. Exp:

- b) an updated map, showing the new well(s) and all existing wells; page 4 of the form U-1.
- c) a complete log of the well(s) to be added;
- d) verification of cement (cement tickets, bond log, etc.)
- 6. Attach Affidavit of Notice Served, page 5 of form U-1.
- 7. Attach Affidavit of Publication from the official county newspaper.
- 8. This form must be signed by the applicant or an authorized agent. A notarization of the signature is required.
- 9. All applicable fees must accompany this application.

Design Approval

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form U-1 November 2011 Form must be Typed Form must be Signed All blanks must be Filled

APPLICATION FOR INJECTION WELL

Disposal		Perm	it Number:	E-31,965		
Enhanced Recovery: Repressuring		APIN	lumber: 15-0	45-22291-00-0	0	
✓ Waterflood		Well	Location			
Tertiary		SE -	NE - SW - SW Sec. 25	Twp. 13 S. R.	20 √ E	\square w
October 112 201	8	349	9	feet from N /	✓ S Line of S	Section
Date.		_360	63	feet from 🗸 E /	W Line of S	
Operator License Number: 3550		GPS	Location: Lat: 38.8851448 (e.g. xx.xxxxx)	, Long: <u>-95.</u>	1429479 (e.gxxx.xxxxx)	
Operator: Midstates Energy Ope	rating, LLC	Datur	n: NAD27 V NAD83 W	GS84	(6.9. 200.0000)	
Address:5571 Halifax Ave.				5 Twp.13S R.20	0E	
Ft. Meyers, FL 33912		1_				
	7	Lease	Name: Thrasher	Well Number: _	I-4	
		Field	Name:Unknown	i	- 3	
		Coun	by: Douglas			
Contact Person: Ron Inge		Deer	est Usable Water			
Phone: 239-454-499	99			Unknown		
Email:NA			to Bottom of Formation:	250		
Check One: Old Well Being Converted	Newly Drilled Well		✓ Well to be Drilled	MANSAS CO	Received RPORATION COM	MISSION
Surface Elevation:902 feet Well			Back Depth: NA feet		T 19 201	
_		Plug	Back Depth: feet			
	19 feet (reference mea	n sea leve	0	CONSI	ERVATION DIVIS WICHITA, KS	SION
Injection Formation Description:	har I ballana		and toward halo		Miles and a second	
Name Squirrel	top / bottom 719 , 729		perf / open hole	depth 710	720	
			perf at _	to	125	feet
			at _	to		eet
List of Wells/Facilities Supplying Produc	ed Saltwater or Other Fluids	s Approv	red by the Conservation Div	ision:		
(attach additional sheets if necessary)						
Lease Operator	Lease/Facility Name		Lease/Facility Description		Spot Location	
1. Midstates Energy Operating L	Thrasher Lease		Sec.25 Twp.13S R.20E	See attache	ed inventory	
2						
3						
Producing Formation	Strata Depth		Total Dissolved So	olids (if available)		
Squirrel	716 742 feet	NA				
	to feet				,	_ mg/l
2	to feet	-				_ mg/l
3	to feet					_ mg/l
Maximum Requested Liquid Injection Rate:	100 bbls / day; or					
Maximum Requested Gas Injection Rate: NA	scf / day. Type of	Gas:N	A			

Well Completion

✓ Packerless Tubingless Type: Tubing & Packer

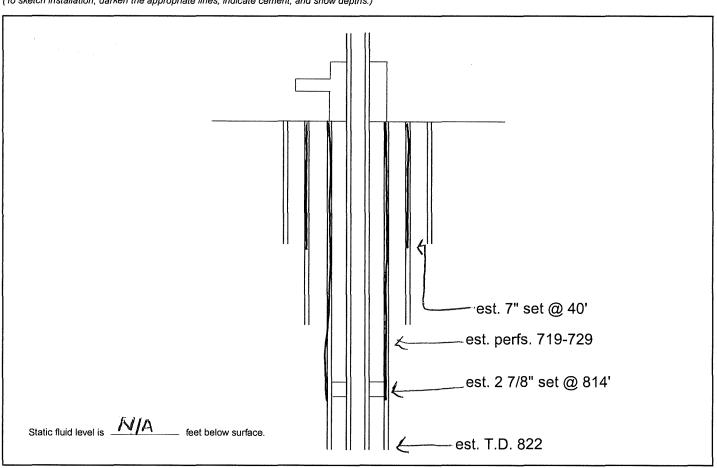
	Conductor	Surface	Intermediate	Production	Tubing
Size	NA	7"	NA	2 7/8"	NA
Setting Depth	NA	40'	NA	814'	NA
Amount of Cement	NA	8sx	NA	120sx	NA
Top of Cement	NA	0	NA	0	NA
Bottom of Cement	NA	40'	NA	814'	NA

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at NA	feet, cemented to NA	feet with _NA	. SX .
Tubing: Type NA		Grade NA	
Packer: Type NA		Depth NA	
Annulus Corrosion Inhibitor: Type NA		Concentration NA	
List Logs Enclosed: NA			
·			

Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



Offset Operators, Unleased Mineral Owners and Landowners acreage	
(Attach additional sheets if necessary)	
Name: See attached listing from county appraiser office	Legal Description of Leasehold:
See attached map/list of offset operators	
	Received KANSAS CORPORATION COMMISSIC
	OCT 1 9 2018
I hereby certify that the statements made herein are true and correct to the best of r	CONSERVATION DIVISION WICHITA, KS
Applica Subscribed and sworn before	me bis day of October 2018
Amy Burnett Notary Notary Public	Amy Barnell

Instructions:

- 1. Fully complete application, including page 4 (plat map) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
- 2. Attach some type of log (drillers log, electric log, etc.).
- 3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (Cement ticket and job log, bond log, etc.)
- 4. Attach Affidavit of Notice.
- 5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (if any) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
- 6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
- 7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
- 8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. *No injection well may be used without prior written authorization.*
- 9. All application fees must accompany the application.

Operator:M	lidstates Energy Opera	ting, LLC	Locatio	on of Well:		SW/4 of	the Sec.2	25 Twp.13	S R.20E	
Lease:	Thrasher		349			~~	feet	from N /	✓ S Line of	Section
Well Number:	Thrasher I-4		3663	3			feet	from 🗸 E /		
County:	Douglas		_ Sec	25	Twp.		S. R.			West
					·					
	information: applicant injectio s, unleased mineral rights own						wells within a	a one-half mile	radius, all lease	bounda
			: ee atta	ached r	: mans					
			EC alle	acrica i	ilaps		:			
			:				:			
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		<u> </u>			-	<u> </u>	•			
	applicant well	△ produ	icing well	•	plug	ged injectio	n well 🔏			
	D & A well -	- other	injection v	vell 🛕	temp	orary aban	doned well	•		
	plugged produ	cer 🖋 water	supply we	ell 🔩						
	ereby certifies that he / she is e, complete and correct to the		dge.	Lu	Sli	· \$	ating, LLC	, and th	at all of the infor	mation
		Subscribed and as		}			0	ctober		2018
		Subscribed and SV	J	nie wis _	<u>~</u> ^	. uay∪i				
	e, complete and correct to the		dge. Applica	ant or Duly	Sli	· \$	34	ctober		

Amy Burnett
Notary Public
State of Kansas
My Appt. Exp: 11-3-14

Notary Public

My Commission Expires:

1-3-19

Affida	it of Notice Served	1			
Re:	Application for:		perating, LLC		
	Well Name:	Thrasher I-4	Legal Location:	SW/4 of the S	ec.25 Twp.13S R.20E
The und	ersigned hereby certific	cates that he / she is a duly authorized ag	ent for the applicant, and that on the	day 16_of_	October
201	8 , a true ar	nd correct copy of the application reference	ed above was delivered or mailed to	the following parties:	
Note: A	copy of this affidavit m	ust be served as a part of the application.			
	Name		Address (Attach additio	nal sheets if necessary)
See a	attached listing t	from county appraisers office			
					Received KANSAS CORPORATION COMMISSION
					OCT 1 9 2018
					CONSERVATION DIVISION
					WICHITA, KS
I further	attest that notice of the	filing of this application was published in	the Lawrence Journ	al-World	, the official county publication
of	D	ouglas	county. A copy of the affidavit o	f this publication is att	ached.
Signed t	hie 16 day	of October	2018	,	
Signed t	nis day	of October,	2010	\d	
			Applicant or Duly Authorized Agei	DKL)	
		Subscribed and sworn	\mathcal{L}		tober <u>2018</u>
	particular de la constantina della constantina d	Outportion and swot	uay	n	,

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

My Commission Expires:

Amy Burnett Notary Public

My Appt. Exp: 11-2

Design Approval

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form U-1 November 2011 Form must be Typed Form must be Signed All blanks must be Filled

APPLICATION FOR INJECTION WELL

Disposal			Perm	it Number:		E-31,96	35		
Enhanced Recovery: Repressuring			API N	lumber:	15-04	15-22290	-00-00)	
✓ Waterflood			Well	Location					
			SE	NE - SW - SW s	ec. 25 T	wp. <u>13</u>	s. R. <u>2</u>	20 🗸	E W
October 1 201	R		679	9	fe	eet from	N / 🗸	S Line	of Section
Date.		-	399	93	fe	eet from 🗸]E/	W Line	
Operator License Number:3550)3	_	GPS	Location: Lat: 38.88	60537	, Long:	-95.1	44107 (e.gxxx.xxxx	
Operator: Midstates Energy Ope	rating, LLC	_		n: NAD27 ✓ NA			,	e.gxxx.xxx	x)
Address: 5571 Halifax Ave.		_	Lease	e Description: SW/	4 Sec.25	Twp.13	S R.20	E	
Ft. Meyers, FL 33912									
			Lease	Name:Thrash	ner	Well Nu	mber:	I-3	
		-	Field	Name:	Jnknown				
		-			Douglas				
Contact Person: Ron Inge		_		est Usable Water					
Phone: 239-454-499	99	_		ation:	ι	Jnknowr	1		
Email:NA				to Bottom of Formation		250			
Lilian									
Check One: Old Well Being Converted	Newly Drilled	l Well		✓ Well to be Dril	led	KA		Received RPORATION) Commission
Surface Elevation:902 feet Well	Total Depth: 822 feet	t	Plua	Back Depth: NA	feet		UC.	T 19:	ONÍQ
710					1000				
Datum of top of injection formation.	feet (reference	mean se	ea leve	<i>)</i>				RVATION D VICHITA, KS	
Injection Formation Description: Name	top / bottom			perf / open hole			depth		
Squirrel	500 A 50 500	729		perf	at	719	to	729	fl
			_						feet
)			to		feet
List of Wells/Facilities Supplying Product (attach additional sheets if necessary)	ed Saltwater or Other Fl	luids A	pprov	red by the Conserv	ation Divi	sion:			
Lease Operator	Lease/Facility Name			Lease/Facility Des	cription	10%	2 & OI IIe	pot Locati	on
1. Midstates Energy Operating L				Sec.25 Twp.138	10.0			d invent	
1. Inductates Energy operating	1		_						
2			-			-			
3									
Producing Formation	Strata Depth			Total D	Dissolved So	lids (if avail	able)		
Squirrel	716 to 742	feet	NA						mg/l
2	to	feet							mg/l
3	to	feet	_						mg/l
Maximum Requested Liquid Injection Rate:	100 bbls / day; or	,		۸					
Maximum Requested Gas Injection Rate: NA	scf / day. Typ	oe of Gas	s:	A					
Maximum Requested Injection Pressure:	500 psig								

Well Completion

Type: ☐ Tubing & Packer ✓ Packerless ☐ Tubingless

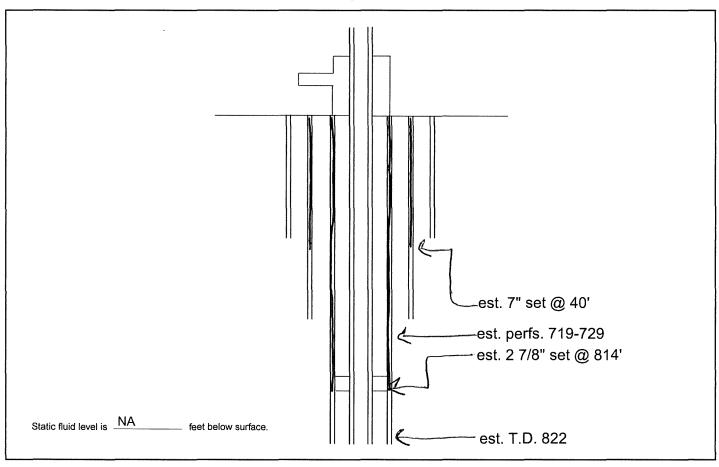
	Conductor	Surface	Intermediate	Production	Tubing
Size	NA	7"	NA	2 7/8"	NA
Setting Depth	NA	40'	NA	814'	NA
Amount of Cement	NA	8sx	NA	120sx	NA
Top of Cement	NA	0	NA	0	NA
Bottom of Cement	NA	40'	NA	814'	NA

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at · NA	feet, cemented to NA	feet with _NA sx.			
Tubing: Type NA		Grade NA			
Packer: Type NA		Depth NA			
Annulus Corrosion Inhibitor: Type NA		Concentration NA			
List Logs Enclosed: NA					

Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



(Attach additional sheets if necessary)	
Name:	Legal Description of Leasehold:
See attached listing from county appraiser office	
See attached map/list of offset operators	
	Received KANSAS CORPORATION COMMISSION
	OCT 1 9 2018
	CONSERVATION DIVISION
	WICHITA, KS
I hereby certify that the statements made herein are true and correct to the best of m	Luci Baker
	or Duly Vulhorized Agent October 2018
Subscribed and sworn before r	day of October , 2018
Amy Burnett	Amas Bornatt
Notary Public Notary P	ıblic "
4 48	nission Expires: U 11-3-19
My Appt. Exp: 13.14	

Instructions:

- 1. Fully complete application, including page 4 (plat map) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
- 2. Attach some type of log (drillers log, electric log, etc.).

Officet Operators, Uplescod Mineral Owners and Landowners acressed

- 3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (Cement ticket and job log, bond log, etc.)
- 4. Attach Affidavit of Notice.
- 5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (if any) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
- 6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
- 7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
- 8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. *No injection well may be used without prior written authorization.*
- 9. All application fees must accompany the application.

Plat and Certific	cate of Injection V	Well Location and	Surrounding Ad	creages					<i>/-</i> -
Operator:M	lidstates Energy	y Operating, LLC	Loc	cation of Well:	S	SW/4 of	the Sec.25	Twp.135	S R.20E
Lease:	Thrashe	r	67	'9			feet fro	m	✓ S Line of Section
Well Number:	Thrasher I-	-3	39	93			feet fro	m √ E /	W Line of Section
County:	Douglas		Sec	25	Twp		S. R		✓ East West
ounty.					111p. –		O. II.		
-		ant injection well, all pr rights owners, well nur	-				vells within a o	ne-half mile	radius, all lease bounda
			See a	ittached r	naps				
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						ed injection	7	_	
		A well	other injection		tempo	rary aband	oned well	•	
	plug	ged producer 🏾 🗩	water supply	well 🔩					
,									
-	-	e / she is a duly autho rect to the best of his /	her knowledge.	Midsta	Authorized A	4	ating, LLC	, and th	at all of the information
		Subscr	ibed and sworn be)	16	day of	Octo	ober	, 2018
		Amy Burnett		lant Dub"-	Ton	uz K	Drnit	<u> </u>	
	SUTE HOTARY ALE	Notary Public	· · · · · · · · · · · · · · · · · · ·	ary Public		()	11-2-	10	
	KANSAS	State of Kansa y Appt. Exp:	3-19 My	Commission E	xpires:		110	1"\	

Re:	Application for	: Midstates En	ergy Operating, LLC			
	Well Name:	Thrasher I-3	Legal L	ocation:S	SW/4 of the Se	c.25 Twp.13S R.20E
The ur	ndersigned hereby	certificates that he / she is a duly autho	rized agent for the applicant, a	nd that on the day	16 of_	October
		rue and correct copy of the application				
Note:	A copy of this affid	avit must be served as a part of the app	lication.			
	Name		Address	s (Attach additional si	heets if necessary)	
See	attached list	ing from county appraiser	office			
					KANSA	Received s corporation commission
						OCT 1 9 2018
						DNSERVATION DIVISION
						WICHITA, KS
Lfurthe	er attest that notice	of the filing of this application was publi	shed in the Lawre	ence Journal-V	Vorld	, the official county publicati
of	attost triat notice	Douglas		f the affidavit of this		
OI	1 .	<u> </u>	^	THE AMOUNT OF THIS	Publication is attac	Silou.
Signed	I this	day ofOctober		-d	\mathbf{R}	
			- Ju	su !	DALL	
			Applicant or Duly A			
		Subscribed ar	nd sworn to before me this	day of	Octo	<u>bber</u> , 2018
	٢	Amy Burnett		Hmus	Burnett	

My Appt. Exp: Protests may be filed by bary party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

Notary Public

My Commission Expires:

Notary Public

Kansas Corporation Commission Oil & Gas Conservation Division

Form U-1 November 2011 Form must be Typed Form must be Signed All blanks must be Filled

APPLICATION FOR INJECTION WELL

Disposal		Permit Number:	E-31,965
		API Number:	15-045-22211-00-00
Enhanced Recovery: Repressuring Waterflood		Well Location	
Nanococcid		W2 - SW - SE - SW Sec. 25	5 _{Twp.} <u>13</u> s. R. <u>20</u>
Cotobor Ma 201	0	000	feet from
Date: October 16, 201	.0		feet from ✓ E / W Line of Section
Operator License Number:3550	03	GPS Location: Lat: 38.885147	7 Long: -95.144107
Operator: Midstates Energy Ope	rating, LLC	(e.g. xx.xxxxx) Datum: NAD27 ✓ NAD83	
Address: 5571 Halifax Ave.		Lease Description: SW/4 Sec	c.25 Twp.13S R.20E
Ft. Meyers, FL 33912			Sec.25 Twp.13 R.20E
		Lease Name: Thrasher	Well Number:
		Field Name: Unkno	wn
			as
Contact Person: Ron Inge		Deepest Usable Water	
Phone: 239-454-49	99	Formation:	Unknown
Email: NA		Depth to Bottom of Formation:	250
Check One: ✓ Old Well Being Converted	Newly Drilled Well	Well to be Drilled	Received KANSAS CORPORATION COMMISSIO
Surface Elevation: 921 feet Well			OCT 1 9 2018
	feet (reference mear	n sea level)	CONSERVATION DIVISION WICHITA, KS
Injection Formation Description: Name	top / bottom	perf / open hole	depth
Squirrel	719 / 729	perf at	,
		at	to feet
List of Wells/Facilities Supplying Product	ed Saltwater or Other Fluids	Approved by the Conservation	Division:
(attach additional sheets if necessary)	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
Lease Operator Midstates Energy Operating II	Thrasher Lease	Sec.25 Twp.13S R.20	•
1. Midstates Energy Operating L	Tilladilor Loado	000.20 1 WP. 100 1 (.20	
2			
3			
Producing Formation	Strata Depth	Total Dissolve	ed Solids (if available)
Squirrel	716 742 feet	NA	mg/l
2			· ·
	to feet		mg/l
3	to feet		mg/l
Maximum Requested Liquid Injection Rate:	100 bbls / day; or	NA	
Maximum Requested Gas Injection Rate: NA	our day. Type or	3as:	
Maximum Requested Injection Pressure:	500 psig		

Well Completion

Type: ☐ Tubing & Packer ✓ Packerless ☐ Tubingless

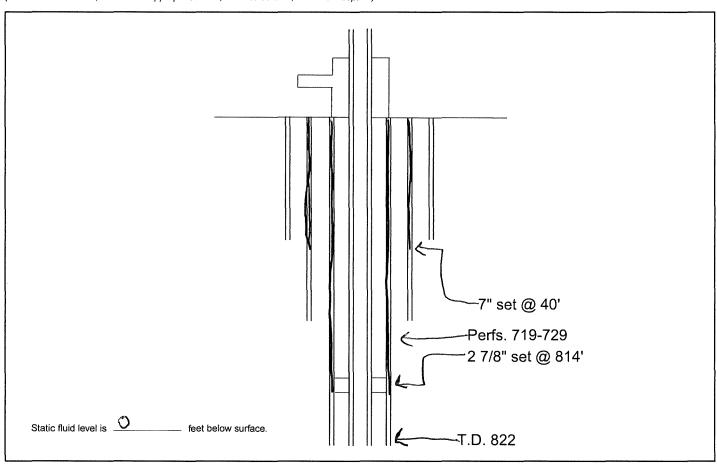
	Conductor	Surface	Intermediate	Production	Tubing
Size	NA	7"	NA	2 7/8"	NA
Setting Depth	NA	40'	NA	814'	NA
Amount of Cement	NA	8sx	NA	120sx	NA
Top of Cement	NA	0	NA	0	NA
Bottom of Cement	NA	40'	NA	814'	NA

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at	NA	feet, cemented to NA	feet with NA	SX.
Tubing: Type NA			Grade NA	
Packer: Type NA			Depth NA	
			Concentration NA	
List Logs Enclosed: NA				

Well Sketch

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



Offset Operators, Unleased Mineral Owners and Landowners acreage (Attach additional sheets if necessary)	
Name:	Legal Description of Leasehold:
See attached listing from county appraisers office	
See attached map/list of offset operators	
	Received KANSAS CORPORATION COMMISSION
	OCT 1 9 2018
	CONSERVATION DIVISION WICHITA, KS
I hereby certify that the statements made herein are true and correct to the best of m	knowledge and belief.
Anticon	t or Quily Authorized Agent
	0040
Subscribed and sworn before r	me this day of October , ,
Amy Burnett Notany B	Any Burnett
Notary Public	ublic Oli a 10
	mission Expires: 11 3 14
My Appt. Exp: 11-3-1C1	

Instructions:

- 1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
- 2. Attach some type of log (drillers log, electric log, etc.).
- 3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (Cement ticket and job log, bond log, etc.)
- 4. Attach Affidavit of Notice.
- 5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (*if any*) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
- 6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
- 7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
- 8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. *No injection well may be used without prior written authorization.*
- 9. All application fees must accompany the application.

Operator:N	lidstates Energy Operating, LLC	Location of Well:	SW/4 o	f the Sec.25 Twp.	13S R.20E
Lease:	Thrasher	330		feet from	N / ✓ S Line of Section
Well Number:	Thrasher I-5	3830		feet from 🗸	
County:	Douglas	Sec25		S. R. 20	East West
oodiny.			TWP.	0. 11.	Lust 110st
_	g information: applicant injection well, all pro rs, unleased mineral rights owners, well num	- · · · · · · · · · · · · · · · · · · ·		wells within a one-half	mile radius, all lease bounda
	:	See attached	: mane		
		See attached	maps		
		:	<u>:</u>		
		<u> </u>	:	:	
		:	•		
				· · · · · · · · · · · · · · · · · · ·	
	·········			:	
	:	:	:	:	
	applicant well 🛕	producing well	pługged injection	on well	
	D & A well →	other injection well	temporary aba	ndoned well	
	plugged producer	water supply well			
	,	, , , , , , , , , , , , , , , , , , ,			
_	nereby certifies that he / she is a duly authoruse, complete and correct to the best of his /	her knowledge.	tates Energy Open	rating, LLC , ar	nd that all of the information
		Applicant or Duly	Authorized Agent		
		bed and sworn before me this	day of	October	2018

Amy Burnett
Notary Public
State of Kansas
My Appt. Exp: 11-3-14

Notary Public

My Commission Expires:

1-3-19

Re:	Application for:	Midstates Energy Oper	ating, LLC		
	Well Name:	Thrasher I-5	Legal Location:S	SW/4 of the Sec.	25 Twp.13S R.20E
The un	dersigned hereby certific	cates that he / she is a duly authorized agent f	for the applicant, and that on the day	16 of	October
20	4.0	d correct copy of the application referenced a			
Note: /	A copy of this affidavit me	ust be served as a part of the application.			
	Name		Address (Attach additional s	heets if necessary)	
See	attached listing f	rom county appraisers office			
				R KANSAS CORP	eceived ORATION COMMISSION
				OCT	1 9 2018
				CONSER	ATION DIVISION
				WI	CHITA, KS
I furthe	r attest that notice of the	filing of this application was published in the	Lawrence Journal-V	Vorld	, the official county publication
of		Douglas	county. A copy of the affidavit of this		• •
	16	of October	2018	,	
Signed	this day	of October,	Juli	Bulci	<u> </u>
			Applicant or Duly Authorized Agent		
		Subscribed and sworn to be	pefore methis day of _	October	, 2018

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

My Commission Expires:

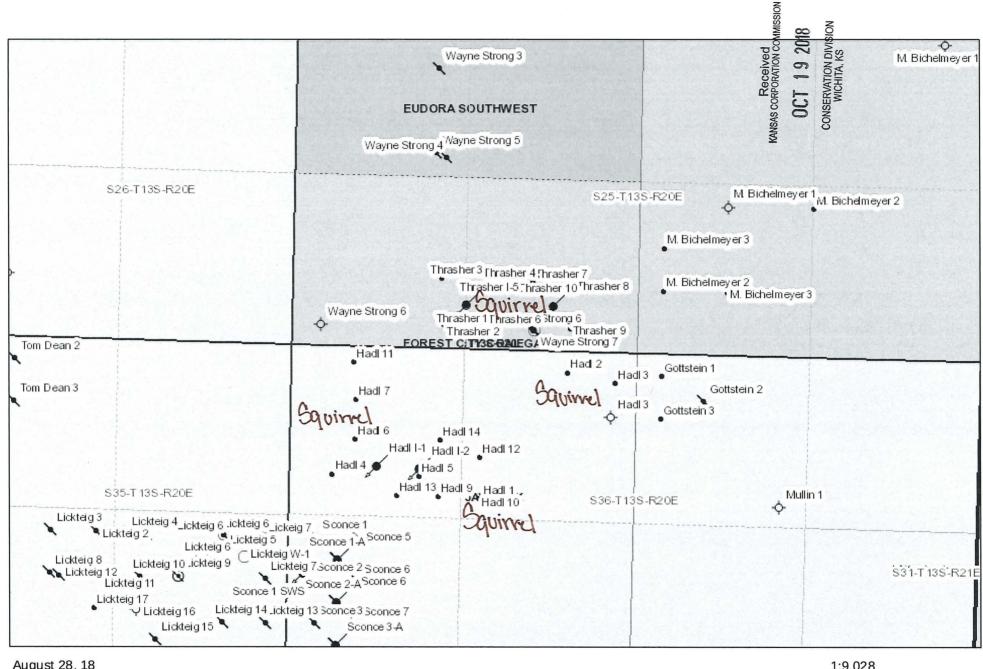
Amy Burnett Notary Public State of Kansas My Appt. Exp: 11-3-10

Midsta	tes Energy Operating LLO	C S	Sec.25 Twp.13S R.20E
1	15-045-22212-00-00	165S	3665E
2	15-045-22213-00-00	165S	3995E
3	15-045-22214-00-00	495S	3995E
4	15-045-22215-00-00	495S	3665E
6	15-045-22250-00-00	165S	3335E
7	15-045-22251-00-00	495S	3335E
8	15-045-22252-00-00	495S	3005E
9	15-045-22253-00-00	165S	3005E

Received KANSAS CORPORATION COMMISSION

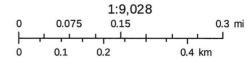
OCT 19 2018

CONSERVATION DIVISION WICHITA, KS



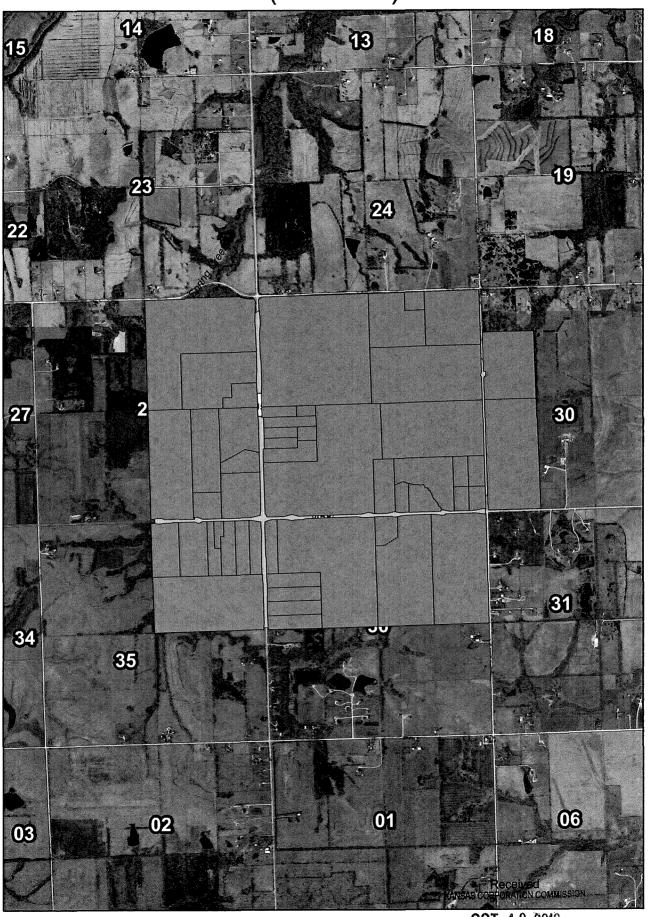
August 28, 18

BG-5 Inc. Lou Petroleum Corp. Kansas Oil Properties Inc.



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri

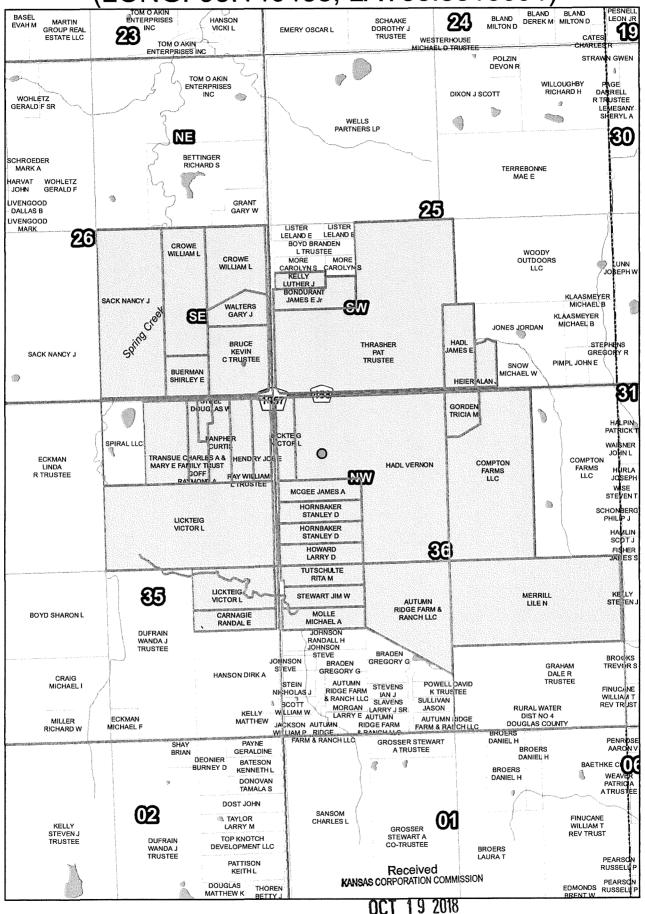
CERTIFIED POL WITHIN 1/2 MILE OF 1916 N 1000 RD (200130A)



OCT 19 2018

CONSERVATION DIVISION WICHITA, KS

POL WITHIN 1/2 MILE FROM A POINT (LONG.-95.146458, LAT38.8816691)



CONSERVATION DIVISION WICHITA, KS

JOINPIN	SYSCALACRES owner1	owner2	owner3 address	city	state	zip plate	PID	Quickrefi	d situs
099-30-0-00-00-012.00-0	45.7285665 LEMESANY SHERYL A	21.70	429 CYPRESS ESTATES PKWY	INGRAM	TX	78025 200411E	023-099-30-0-00-00-012.00-0	R20277	1066 E 2000 RD
099-30-0-00-00-013.00-0	75.94874467 LUNN JOSEPH W		1409 E 28TH TER	LAWRENCE	KS	66046 200412	023-099-30-0-00-013.00-0	R20278	2020 N 1000 RD
107-25-0-00-00-001.00-0	38.8963907 WILLOUGHBY RICHARD H		1991 N 1100 RD	EUDORA	KS	66025 200127A	023-107-25-0-00-00-001.00-0	R25048	1991 N 1100 RD
107-25-0-00-00-002.01-0	4.68829773 POLZIN DEVON R		1973 N 1100 RD	LAWRENCE	KS	66046 200127B	023-107-25-0-00-00-002.01-0	R25050	1973 N 1100 RD
107-25-0-00-00-002.00-0	34.92730995 DIXON J SCOTT	CARTER MARIANNE P	1662 E 1100 RD	LAWRENCE	KS	66049 200127	023-107-25-0-00-00-002.00-0	R25049	1951 N 1100 RD
107-25-0-00-00-003.00-0	157.462586 WELLS PARTNERS LP		3317 W 68TH ST	MISSION HILLS	KS	66208 200129	023-107-25-0-00-00-003.00-0	R25051	
107-26-0-00-00-001.00-0	104.0171654 TOM O AKIN ENTERPRISES INC		1852 N 1100 RD	LAWRENCE	KS	66046 200137A	023-107-26-0-00-00-001.00-0	R25070	
107-25-0-00-00-008.00-0	80.33387397 TERREBONNE MAE E		1071 E 2000 RD	EUDORA	KS	66025 200128	023-107-25-0-00-00-008.00-0	R25069	1071 E 2000 RD
107-26-0-00-00-009.00-0	45.83752813 BETTINGER RICHARD S		PO BOX 414641	KANSAS CITY	MO	64141 200136	023-107-26-0-00-00-009.00-0	R25082	1071 E 1900 RD
107-26-0-00-00-009.01-0	9.318682 GRANT GARY W	GRANT DOROTHY H	1055 E 1900 RD	LAWRENCE	KS	66046 200136A	023-107-26-0-00-00-009.01-0	R25083	1055 E 1900 RD
107-25-0-00-00-004.01-0	74.27073986 WOODY OUTDOORS LLC		259 W PARK RD	GARNETT	KS	66032 200132	023-107-25-0-00-00-004.01-0	R25053	
107-25-0-00-00-004.00-0	125.0659236 THRASHER PAT TRUSTEE		8235 SPRING DR	DE SOTO	KS	66018 200130A	023-107-25-0-00-00-004.00-0	R25052	1916 N 1000 RD
107-25-0-00-00-004.05-0	2.66759815 LISTER LELAND E	LISTER MARY F	1048 E 1901 RD	EUDORA	KS	66025 200130CA	023-107-25-0-00-00-004.05-0	R25057	
107-25-0-00-00-004.04-0	4.74139658 LISTER LELAND E	LISTER MARY F	1048 E 1901 RD	EUDORA	KS	66025 200130C	023-107-25-0-00-00-004.04-0	R25056	1048 E 1901 RD
107-26-0-00-00-008.02-0	23.83622996 CROWE WILLIAM L	CROWE LAURA K	PO BOX 196	EUDORA	KS	66025 200145A	023-107-26-0-00-00-008.02-0	R25081	1041 E 1900 RD
107-26-0-00-00-007,00-0	31.10385852 CROWE WILLIAM L	CROWE LAURA K	PO BOX 196	EUDORA	KS	66025 200143	023-107-26-0-00-00-007.00-0	R25078	
107-26-0-00-00-005.00-0	61.10790076 SACK NANCY J		1751 N 1000 RD	BALDWIN CITY	KS	66006 200144	023-107-26-0-00-00-005.00-0	R25076	
107-25-0-00-00-004.02-0	7.23798639 BOYD BRANDEN L TRUSTEE	BOYD KIRSTEN P TRUSTEE	1046 E 1901 RD	EUDORA	KS	66025 200130B	023-107-25-0-00-00-004.02-0	R25054	1046 E 1901 RD
107-25-0-00-00-004.07-0	3.5184022 MORE CAROLYN S	MORE JOHN C	1040 E 1901 RD	EUDORA	KS	66025 200130E	023-107-25-0-00-00-004.07-0	R25059	
107-25-0-00-00-004.06-0	4.56954497 MORE CAROLYN S	MORE JOHN C	1040 E 1901 RD	EUDORA	KS	66025 200130D	023-107-25-0-00-00-004.06-0	R25058	1040 E 1901 RD
107-25-0-00-00-004.08-0	4.56305908 KELLY LUTHER J	KELLY EVELYN L	1030 E 1901 RD	EUDORA	KS	66025 200130F	023-107-25-0-00-00-004.08-0	R25060	1030 E 1901 RD
107-25-0-00-00-004.03-0	11.55746062 BONDURANT JAMES E Jr	BONDURANT PATRICIA G	1028 E 1901 RD	EUDORA	KS	66025 200130H	023-107-25-0-00-00-004.03-0	R25055	1028 E 1901 RD
107-26-0-00-00-008.00-0	9.51773533 WALTERS GARY J	WALTERS SARAH E	1027 E 1900 RD	LAWRENCE	KS	66046 200145	023-107-26-0-00-00-008.00-0	R25079	1027 E 1900 RD
107-25-0-00-00-007.03-0	6.65968139 KLAASMEYER MICHAEL B		1017 E 2000 RD	EUDORA	KS	66025 200134BA	023-107-25-0-00-00-007.03-0	R25068	1017 E 2000 RD
107-25-0-00-00-007.00-0	5.97582178 KLAASMEYER MICHAEL B		1017 E 2000 RD	EUDORA	KS	66025 200134B	023-107-25-0-00-00-007.00-0	R25065	
107-25-0-00-00-005.00-0	14.57632904 HADL JAMES E		1954 N 1000 RD	EUDORA	KS	66025 200133	023-107-25-0-00-00-005.00-0	R25061	1954 N 1000 RD
107-26-0-00-00-008.01-0	23.0288335 BRUCE KEVIN C TRUSTEE		1886 N 1000 RD	LAWRENCE	KS	66046 200145B	023-107-26-0-00-00-008.01-0	R25080	1886 N 1000 RD
107-25-0-00-00-007.01-0	4.76774602 PIMPL JOHN E	PIMPL SANDRA S	1992 N 1000 RD	EUDORA	KS	66025 200134A01	023-107-25-0-00-00-007.01-0	R25066	1992 N 1000 RD
107-25-0-00-00-007.02-0	5.17295066 STEPHENS GREGORY R		1003 E 2000 RD	EUDORA	KS	66025 200134BB	023-107-25-0-00-00-007.02-0	R25067	1003 E 2000 RD
107-26-0-00-00-006.00-0	9.75247944 BUERMAN SHIRLEY E	SHOCKLEY BRENDA L	1874 N 1000 RD	LAWRENCE	KS	66046 200143A	023-107-26-0-00-00-006.00-0	R25077	1874 N 1000 RD
107-36-0-00-00-001.00-0	78.93340951 COMPTON FARMS LLC		PO BOX 1797	LAWRENCE	KS	66044 200153	023-107-36-0-00-00-001.00-0	R25104	1991 N 1000 RD
107-36-0-00-00-002.00-0	72.69804088 COMPTON FARMS LLC		PO BOX 1797	LAWRENCE	KS	66044 200154	023-107-36-0-00-00-002.00-0	R25105	
107-36-0-00-00-002.01-0	7.78316751 GORDEN TRICIA M	GORDEN JOSHUA C	1955 N 1000 RD	EUDORA	KS	66025 200154A	023-107-36-0-00-00-002.01-0	R25106	1955 N 1000 RD
107-36-0-00-00-003.01-0	109.9857847 HADL VERNON	HADL MARY J	1925 N 1000 RD	LAWRENCE	KS	66046 200156	023-107-36-0-00-00-003.01-0	R316331	1925 N 1000 RD
107-36-0-00-00-004.00-0	8.39467026 LICKTEIG VICTOR L	LICKTEIG LADONNA R	996 E 1900 RD	LAWRENCE	KS	66046 200155A	023-107-36-0-00-00-004.00-0	R25108	996 E 1900 RD
107-35-0-00-00-001.00-0	8.32003985 HENDRY JOE E	HENDRY L DIANE	995 E 1900 RD	LAWRENCE	KS	66046 200146A01	023-107-35-0-00-00-001.00-0	R25084	995 E 1900 RD
107-35-0-00-00-002.00-0	9.95760576 RAY WILLIAM L TRUSTEE	RAY SHARON L TRUSTEE	1891 N 1000 RD	LAWRENCE	KS	66046 200146A	023-107-35-0-00-00-002.00-0	R25085	1891 N 1000 RD
107-35-0-00-00-003.01-0	9.8182214 LANPHER CURTIS	LANPHER MARTHA	1887 N 1000 RD	LAWRENCE	KS	66046 200146A04B		R25086	1887 N 1000 RD
107-35-0-00-00-005.00-0	2.88416277 STEEL DOUGLAS W	STEEL SUSAN L	1881 N 1000 RD	LAWRENCE	KS	66046 200146A03D	023-107-35-0-00-00-005.00-0	R25088	1881 N 1000 RD
107-35-0-00-00-006.00-0	7.22288542 GOFF RAYMOND A	GOFF MARSHA H	1877 N 1000 RD	LAWRENCE	KS	66046 200146A03	023-107-35-0-00-00-006.00-0	R25090	1877 N 1000 RD
107-35-0-00-00-007.00-0	20.20170246 TRANSUE CHARLES A & MARY E FAMILY TRUST		1869 N 1000 RD	LAWRENCE	KS	66046 200146A02	023-107-35-0-00-00-007.00-0	R25091	1869 N 1000 RD
107-35-0-00-00-008.00-0	19.34123283 SPIRAL LLC		PO BOX 723	EUDORA	KS	66025 200146A02A		R25092	1861 N 1000 RD
107-36-0-00-00-005.01-0	9.79355234 GRASSL PETER O	GRASSL CATHERINE M	972 E 1900 RD	EUDORA	K5	66025 200157A	023-107-36-0-00-00-005.01-0	R25110	972 E 1900 RD
107-35-0-00-00-013.00-0	79.94370128 LICKTEIG VICTOR L		996 E 1900 RD	LAWRENCE	KS	66046 200146	023-107-35-0-00-00-013.00-0	R25103	
107-36-0-00-00-005.02-0	9.82994237 LENERTZ ROGER	LENERTZ ANN	958 E 1900 RD	EUDORA	KS	66025 200157B	023-107-36-0-00-00-005.02-0	R25111	
107-36-0-00-00-005.00-0	9.86774228 LENERTZ ROGER	LENERTZ ANN	958 E 1900 RD	EUDORA	KS	66025 200157	023-107-36-0-00-00-005.00-0	R25109	958 E 1900 RD
107-36-0-00-00-005.03-0	9.86683901 HOWARD LARRY D	HOWARD JANE E	954 E 1900 RD	EUDORA	KS	66025 200157C	023-107-36-0-00-00-005.03-0	R25112	954 E 1900 RD
107-25-0-00-00-006.00-0	27.24564605 JONES JORDAN	JONES DAWN	1984 N 1000 RD	EUDORA	KS	66025 200134	023-107-25-0-00-00-006.00-0	R25062	1984 N 1000 RD
107-25-0-00-00-006.02-0	5.30900577 HEIER ALAN J		1962 N 1000 RD	EUDORA	KS	66025 200134CA	023-107-25-0-00-00-006.02-0	R25064	1962 N 1000 RD
107-25-0-00-00-006.01-0	8.91564912 SNOW MICHAEL W	SNOW WILLY D	1972 N 1000 RD	EUDORA	KS	66025 200134C	023-107-25-0-00-00-006.01-0	R25063	1972 N 1000 RD

RANSAS CORPORATION COMMISSION

OCT 1 9 2018

CONSERVATION DIVISION
WICHITA, KS