

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR INJECTION WELL

E-34, 030

Disposal ☐ 21-CONS-3126-CUIC

Enhanced Recovery: ☒ Repressuring

☐ Waterflood

☐ Tertiary

Date: 10/22/2020

Operator License Number: 5205 Exp. 06/30/21

Operator: Mid-Continent Energy Corporation (Corp.)

Address: 5920 E. Central

Suite #200

Wichita, KS 67208

Jack N. Buehler

Contact Person: Jeffrey A. Burk(cc)

Phone: (316) 250-5655

(316) 265-9501

Email: jeffburk1983@gmail.com

Permit Number: Not Known (Applied For)

2-RS

API Number: 15-003-23342-00-01

035-23,502

Well Location

NE SW NW Sec. 08 Twp. 34 S. R. 08 ☒ E ☐ W

3630' feet from ☒ S / ☐ N Line of Section

4380' feet from ☒ E / ☐ W Line of Section

GPS Location: Lat: 37.109784, Long: -96.640181
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☒ NAD27 ☐ NAD83 ☐ WGS84

Lease Description: W/2 NW/4 - consisting of 80 acres, more or less

Lease Name: Seamster Well Number: #1A

Field Name: Ceder Vale NW

County: Cowley

Deepest Usable Water

Formation: Chase Group

Depth to Bottom of Formation: 400'

Check One: ☒ Old Well Being Converted ☐ Newly Drilled Well ☐ Well to be Drilled

Surface Elevation: 982' feet Well Total Depth: 2276' feet Plug Back Depth: 2148' feet

Datum of top of injection formation: (-1063) feet (reference mean sea level)

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
Pawnee Limestone	2045' / 2071'	Perforations at 2051' to 2059'	feet
Ft. Scott Limestone	2094' / 2120'	Perforations at 2102' to 2109'	feet

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:

(attach additional sheets if necessary)

Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
1.	SEE ATTACHED	EXHIBIT "A"	
2.			
3.			

Producing Formation	Strata Depth	Total Dissolved Solids (If available)
1.	to feet	mg/l
2. SEE ATTACHED	to feet	mg/l
3.	to feet	mg/l

Maximum Requested Liquid Injection Rate: 250 bbls / day; or

Maximum Requested Gas Injection Rate: N/A scf / day. Type of Gas: N/A

Maximum Requested Injection Pressure: 150# psig

(NO CK W/U-1, per ES
\$200.00 Fee Required)
Paid \$200.00 CK 5692

R/12/1/20/cm

EXHIBIT "A" - MCE Injection Application (Seamster #1A)

List of wells/Facilities Supplying Saltwater or Other fluid approved by the Conservation Division:

(attach additional sheets if necessary)

LEASE OPERATOR	LEASE NAME	LEASE DESCRIPTION	WELL ID & SPOT LOCATION
1) <u>Mid-Continent Energy</u>	<u>Seamster A</u>	<u>W/2 NW of 09-34s-08e</u>	<u>A #2 C SE SW NW</u>
2) <u>Mid-Continent Energy</u>	<u>Jarboe</u>	<u>E/2 NW of 09-34s-08e</u>	<u>#1 C NW SE NW</u>
3) <u>Mid-Continent Energy</u>	<u>Jarboe</u>	<u>E/2 NW of 09-34s-08e</u>	<u>#2 C SW SE NW</u>
4) <u>Mid-Continent Energy</u>	<u>Jarboe</u>	<u>E/2 NW of 09-34s-08e</u>	<u>#3 C S/2 NE NW</u>

PRODUCING FORMATION	STRATA DEPTH	TOTAL DISSOLVED SOLIDS (If available)
1) Cattleman Sand	<u>2226'</u> to <u>2230'</u> feet	<u>160408 (EST)</u> mg/l
2) Cattleman Sand	<u>2202'</u> to <u>2212'</u> feet	<u>160408 (EST)</u> mg/l
3) Pawnee Lime	<u>2048'</u> to <u>2058'</u> feet	<u>168032 (EST)</u> mg/l
Ft. Scott Lime	<u>2094'</u> to <u>2104'</u> feet	<u>168032 (EST)</u> mg/l
4) Cattleman Sand	<u>2186'</u> to <u>2192'</u> feet	<u>160408 (EST)</u> mg/l

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Well CompletionType: ☒ Tubing & Packer ☐ Packerless ☐ Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size	N/A	8.625"	N/A	4.500"	2.375"
Setting Depth	N/A	50'	N/A	2153'	2030'
Amount of Cement	N/A	50 sxs	N/A	250 sxs	N/A
Top of Cement	N/A	Surface	N/A	600'	N/A
Bottom of Cement	N/A	50'	N/A	2153'	N/A

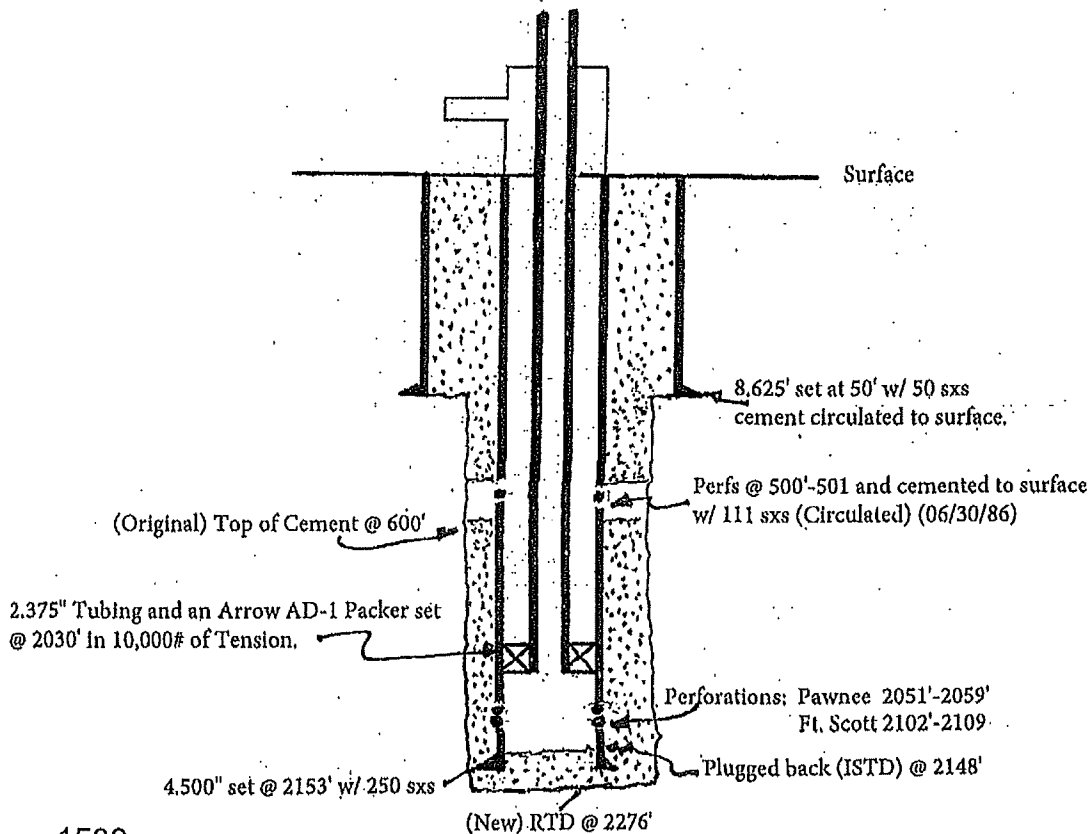
If Alternate II cementing, complete the following:

Perforations / D.V. Tool at 500'-501' (Perfs) feet, cemented to Surface feet with 100 sxs (United) sx.Tubing: Type 2 3/8" EUE 8rd (used & tested-6000#)Grade J-55 (used)Packer: Type Arrow AD-1Depth 2030'Annulus Corrosion Inhibitor: Type ProStim CIPF-55Concentration 1/2% per gallonList Logs Enclosed: CNL/CDL, DIL, Bond LogReceived
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Well Sketch

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

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Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

Mid-Continent Energy Corporation

E/2 NW/4 (80 Acres) of 09-34s-08e

Darrah Oil Company, LLC

E/2 SW/4 (80 Acres) of 09-34s-08e

Carl O.Clapp III

NE/4 (131.3 Acres) of 09-34s-08e

Mark Baker

NE/4 (7.9 Acres) of 09-34s-08e

Glen H. Jarboe

E/2 NW/4 & SW/4 & W/2 SE/4 & (240 Acres) of 09-34s-08e

Joel Mills

E/2 SE/4 (80 acres) of 09-34s-08e

Delbert Jarboe

E/2 NE/4 (80 Acres) of 08-34s-08e

Freeman Land & Cattle

SE/4 (160 Acres) of 08-34s-08e

Luvada L. Coulter

W/2 NE/4 (80 Acres) of 08-34s-08e

Larry C. Chambers

S/2 SE/4 & SW/4 (240 acres) of 05-34s-08e

Helmick Farms, LLC

SW/4 (156 Acres) of 04-34s-08e

Mildred M. Call

SE/4 (156 Acres) of 04-34s-08e

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CONSERVATION DIVISION
WICHITA, KS**Instructions:**

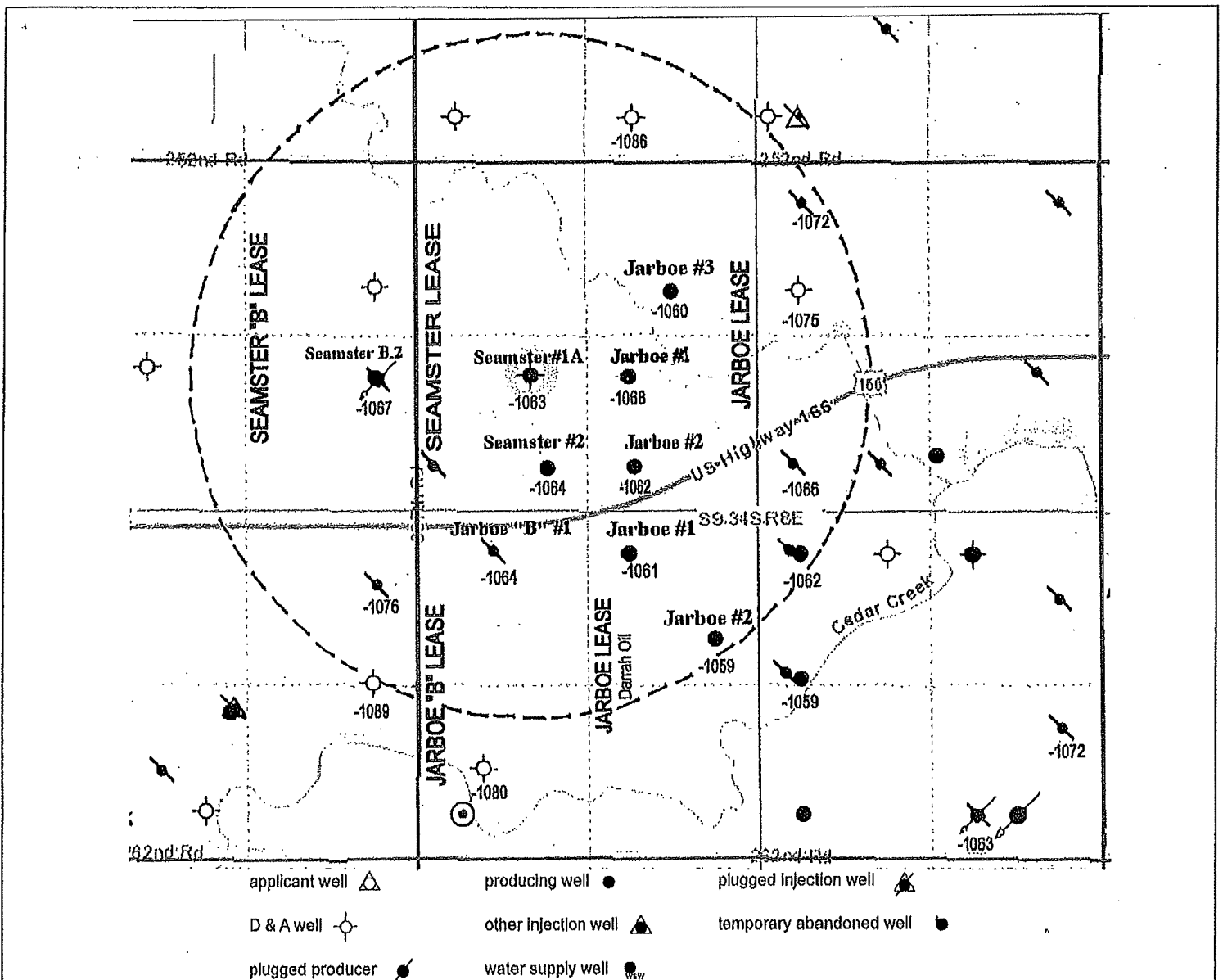
1. Fully complete application, including page 4 (plat map) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. 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. 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.
5. The original and one copy of the application and all attachments shall be mailed to the Conservation Division.
6. 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 before or when you file this application.
7. 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.**
8. All application fees must accompany the application.
9. After confirming the Conservation Division's receipt of this application, publish notice of the application in the official county newspaper of record where the well(s) is located. Mail a copy of the affidavit to the Conservation Division upon receipt from the newspaper.

Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: Mid-Continent Energy Corporation Location of Well: NE SW NW
 Lease: Seamster 3630 feet from ☒ S / ☐ N Line of Section
 Well Number: #1A 4380 feet from ☒ E / ☐ W Line of Section
 County: Cowley Sec. 09 Twp. 34 S. R. 08 ☒ East ☐ West

Plat

Show the following information: applicant injection well, all producing wells, inactive wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.



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Affidavit of Notice ServedRe: Application for: Mid-Continent Energy CorporationWell Name: Seamster #1ALegal Location: NE SW NW of Sec. 9-34s-08e Cowley County, KS

Note: A copy of this affidavit must be served as a part of the application.

Name:

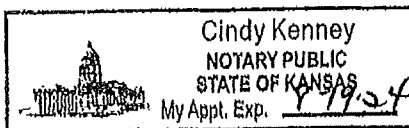
Address: (Attach additional sheets if necessary)

Mid-Continent Energy Corporation5920 E. Central, Suite #200 - Wichita, KS 67208Darrah Oil Company, LLC125 N. Market, Suite #1425 - Wichita, KS 67202Carl O. Clapp III27064 309th Rd. - Ceder Vale, KS 67024Mark Baker2363 Jordan Rd. - Norfolk, AR 72658Glen H. Jarboe35333 262nd Rd. - Ceder Vale, KS 67024Joel MillsP.O. Box #488 - Ceder Vale, KS 67024Delbert Jarboe26119 337th Rd. - Ceder Vale, KS 67024Freeman Land & CattleP.O. Box #6221 - Longview, TX 75608Luvada L. Coulter8530 W. 128th - Overland Park, KS 66213Larry C. Chambers336 Woodhorst Place - Coppell, TX 75019Helmick Farms, LLC1602 N. 1500 Rd - Lawrence, KS 66046Mildred M. Call1211 Graham Drive, Rm 323 - Pomball, TX 77375Received
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WICHITA, KS

I certify that the statements and information contained in this application are true and correct to the best of my knowledge, and that a true and correct copy of this application was delivered or mailed to all required persons, and that such persons are identified on Page 5 of this application.

Jeffrey A. Burk
Applicant or Duly Authorized Agent Jeffrey A. Burk, Consulting GeologistSubscribed and sworn before me on: 11-30-2020Cindy Kenney
Notary PublicMy Commission Expires: 8-19-24

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 protester and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protester in the proceeding, including specific allegations as to the manner in which the grant of the application will cause waste, violate correlative rights, or pollute the water resources of the state of Kansas. Protesters shall serve the protest upon the applicant by mail or personal service at the same time or before the protester files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

**BEFORE THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION**

RE: Mid-Continent Energy Corp – Application for order to permit the Injection of saltwater in to the Seamster A-1, located in Cowley County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whosoever concerned.

You, and each of you, are hereby notified that Mid-Continent Energy Corporation, has filed an application to commence the Injection of saltwater into, the Pawnee and Fort Scott formations at the Seamster A-1, located in the C E/2 NE (3630' FSL & 330' FEL) of Section 08, Township 34 South, Range 08 East), Cowley County, Kansas.

Any person who object to or protest this application shall be required to file their objections or protests with the Conservation Division of the State Corporation Commission of the State of Kansas within thirty (30) days from the date of the publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas. If valid protests are received, this matter will be set for hearing.

All persons interested or concerned shall take notice of the forgoing and shall govern themselves accordingly.

Mid-Continent Energy Corporation
5920 E. Central, Suite #200
Wichita, KS 67208
(316) 265-9501 OFF

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WICHITA, KS

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5920 E. Central, Suite #200
Wichita, KS 67208
(316) 265-9501 OFF

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