

20-CONS-3283-CUIC

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

2020-05-11 15:14:24

Kansas Corporation Commission

/s/ Lynn M. Retz

Form U-1

July 2014

Form must be Typed

Form must be Signed

All blanks must be Filled

Disposal ☒Enhanced Recovery: ☐ Repressuring☐ Waterflood☐ Tertiary

Date: 3/16/2020

Operator License Number: 30606 Exp. 12/30/20

Operator: Murfin Drilling Company Inc.

Address: 250 N. Water

Suite 300

Wichita, KS 67202

Leon Rodak

Contact Person: Rob Kramer (cc)

Phone: 316.858.8666 (316) 267-3241

Email: rkramer@murfininc.com

Permit Number: D-32,965

API Number: 15-023-31532-00-00

Well Location- - - SW - NE Sec. 19 Twp. 2 S. R. 37 ☐ E ☒ W2310 feet from ☐ N / ☒ S Line of Section1485 feet from ☒ E / ☐ W Line of SectionGPS Location: Lat: 39.8665536, Long: -101.5087868
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)Datum: ☒ NAD27 ☐ NAD83 ☐ WGS84

Lease Description: N/2 Sec. 19 T2S R37W

Lease Name: Culwell 'J' Well Number: 2-19

Field Name: Wildcat

County: Cheyenne

Deepest Usable Water

Formation: sand

Depth to Bottom of Formation: 285

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

Surface Elevation: 3399 feet Well Total Depth: 5100 feet Plug Back Depth: 5070 feet

Datum of top of injection formation: 5020 feet (reference mean sea level)

Injection Formation Description:

Name	top / bottom	perf / open hole	depth
Mississippi	5020 / 5050	perf	at 5020 to 5050 feet
			at to 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 additional sheet			
2.			
3.			

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
1. LKC	4302 to 4546 feet	mg/l
2. Fort Scott	4699 to 4704 feet	mg/l
3. Celia	4770 to 4830 feet	mg/l

Maximum Requested Liquid Injection Rate: 3000 bbls / day; or

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

Maximum Requested Injection Pressure: 1000 psig

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, Kansas 67202-1513

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Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
Murfin Drilling Company	Culwell J	N/2 Sec 19 T2S R37W	SE NE Sec 19 T2S R37W
Murfin Drilling Company	Culwell H	S/2 Sec 19 T2S R37W	S/2 Sec 19 T2S R37W
Murfin Drilling Company	Culwell H	S/2 Sec 19 T2S R37W	S/2 Sec 19 T2S R37W
Murfin Drilling Company	Culwell G	NW/4 Sec 20 T2S R37W	NW/4 Sec 20 T2S R37W
Murfin Drilling Company	Culwell G	NW/4 Sec 20 T2S R37W	NW/4 Sec 20 T2S R37W
Murfin Drilling Company	Dorsch	NW/4 Sec 20 T2S R37W	SE/4 Sec 24 T2S R37W
Murfin Drilling Company	C&C	NW/4 Sec 20 T2S R37W	NW/4 Sec 30 T2S R37W

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Well CompletionType: ☒ Tubing & Packer ☐ Packerless ☐ Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size		8.625		5.5	2.875
Setting Depth		303		5096	5007
Amount of Cement		285		600	
Top of Cement		0		0	
Bottom of Cement		303		5096	

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at _____ feet, cemented to _____ feet with _____ sx.

Tubing: Type 2 7/8" Seal-Tite Grade J55Packer: Type Loc-Set Depth 5007Annulus Corrosion Inhibitor: Type CORR10228A - Packer Fluid Concentration 1 gal/bbl. Received
KANSAS CORPORATION COMMISSIONList Logs Enclosed: LogTech - Sector Bond/Gamma Ray/CCL log**APR 28 2020**CONSERVATION DIVISION
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(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)

*See additional page*Static fluid level is 2,221 feet below surface.

Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:	Legal Description of Leasehold:
Murfin Drilling Company	S/2 Sec. 18 S2S R37W
Culwell, LLC (Landowner)	N/2 Sec. 19 S2S R37W
Murfin Drilling Company	S/2 Sec. 19 S2S R37W
Murfin Drilling Company	NW/4 Sec. 20 S2S R37W
Murfin Drilling Company	SW/4 Sec. 20 S2S R37W

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Rob Kramer
Applicant or Duly Authorized Agent

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CONSERVATION DIVISION
WICHITA, KS



Subscribed and sworn before me this 14TH day of APRIL

Shauna Gunzelman
Notary Public

My Commission Expires: 8/26/2021

Instructions:

- 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.
- Attach some type of log (*drillers log, electric log, etc.*).
- Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (*Cement ticket and job log, bond log, etc.*)
- Attach Affidavit of Notice.
- 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.
- The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
- 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.
- 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.**
- All application fees must accompany the application.

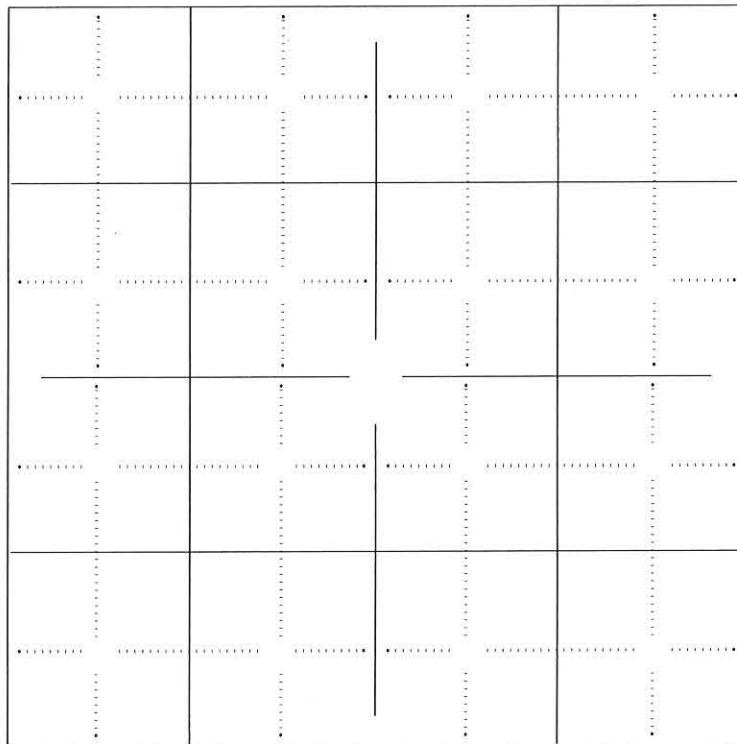
Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: Murfin Drilling Company, LLC Location of Well: SW NE Sec 19 T1S R37W
 Lease: Culwell 'J' 2310 feet from ☐ N / ☒ S Line of Section
 Well Number: #2-19 SWD 1485 feet from ☒ E / ☐ W Line of Section
 County: Cheyenne Sec. 19 Twp. 1 S. R. 37 ☐ 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.

See additional
page



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applicant well

producing well

plugged injection well

D & A well

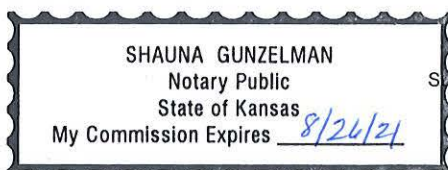
other injection well

temporary abandoned well

plugged producer

water supply well

The undersigned hereby certifies that he / she is a duly authorized agent for Murfin Drilling Company, and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

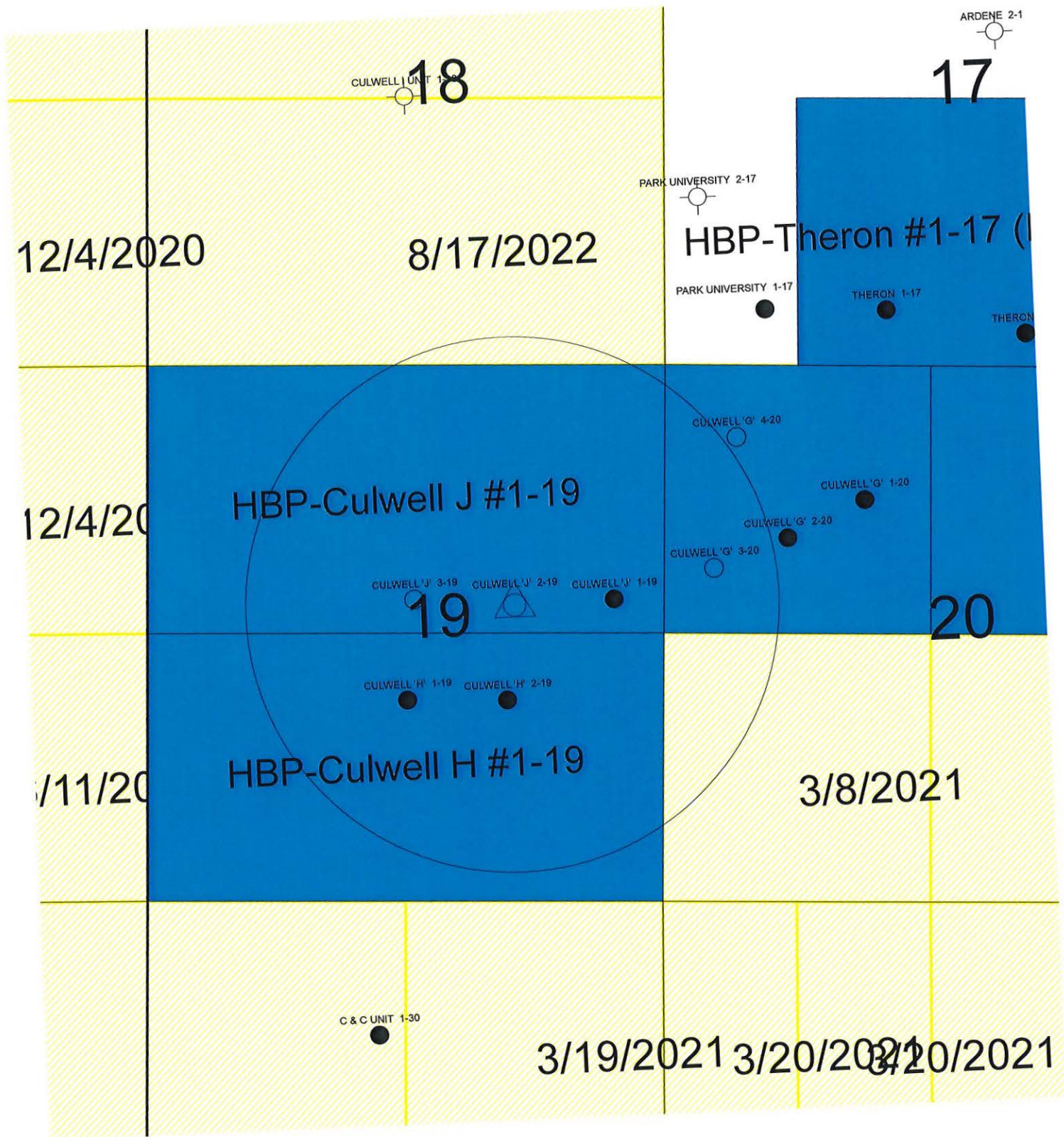


Rob Kramer
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 14TH day of APRIL

Shauna Gunzelman
Notary Public

My Commission Expires: 8/26/2021



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CONSERVATION DIVISION
WICHITA, KS

Affidavit of Notice Served

Re: Application for: Murfin Drilling Company
 Well Name: Culwell 'J' #2-19 SWD Legal Location: NE/4 Sec. 19 T2S R37W

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 6 of April,
2020, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

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

Name

Address (Attach additional sheets if necessary)

Culwell, LLC

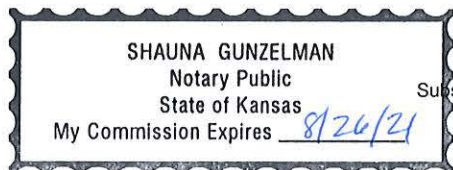
1790 Road B, St. Francis, KS 67756

I further attest that notice of the filing of this application was published in the St. Francis Herald, the official county publication
 of Cheyenne county. A copy of the affidavit of this publication is attached.

Signed this 14th day of April, 2020

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Rob Kramer
Applicant or Duly Authorized Agent

CONSERVATION DIVISION
WICHITA, KS

Subscribed and sworn to before me this 14TH day of APRIL, _____

Shauna Gunzelman
Notary Public

My Commission Expires: 8/26/2021

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.