

FEB 07 2024

CONSERVATION DIVISION
WICHITA, KS

**BEFORE THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS**

In the matter of the Application of Murfin) Docket No.: 24-CONS-3210-CEXC
Drilling Company for an exception to the 10-)
year time limitation of K.A.R. 82-3-111 for) CONSERVATION DIVISION
its Downing B 1-1 located in the W2 NE)
SW/4 of Section 1, Township 1 South, Range) License No.: 30606
36 West, Rawlins County, Kansas.

APPLICATION

COMES NOW Murfin Drilling Company (Applicant) in support of its Application in the captioned matter and states as follows:

1. Applicant is an oil company authorized to do business in the State of Kansas. Applicant's address is 250 N. Water St., Ste 300, Wichita, Kansas, 67202.
2. Applicant has been issued by the Kansas Corporation Commission Operator's License # 30606, which expires on December 20, 2024.
3. Applicant is the owner and operator of the Downing B 1-1 well, API # 15-153-20972, which is located in the West Half of the Northeast Quarter of the Southwest Quarter of Section 1, Township 1 South, Range 36 West, Rawlins County, Kansas. The Subject Well is located on an active oil and gas lease or unit comprising the following lands:

Southwest Quarter of Section 1, Township 1 South, Range 36 West, Rawlins County, Kansas, containing 160 acres, more or less (leased premises).
4. Pursuant to K.A.R. 82-3-111, the well was shut in, or Applicant obtained temporary abandonment status, for the Subject Well on January 23, 2014. The Subject Well has maintained such status from January 23, 2014, to the present date.

5. On or about January 16, 2024, the Kansas Corporation Commission notified Applicant temporary abandonment status for the Subject Well would be denied from and after February 15, 2024, because the Subject Well had been temporarily abandoned for more than ten (10) years.

6. K.A.R. 82-3-111 imposes a 10-year limitation on the amount of time during which wells may be temporarily abandoned, but an exception to the 10-year limitation may be obtained pursuant to said regulation through an Application filed with the Commission pursuant to K.A.R. 82-3-100. Applicant seeks such an exception.

7. On or about February 2, 2024, the Subject Well passed a Commission Staff-witnessed mechanical integrity test of the casing between the surface and a point within fifty (50) feet above the uppermost perforation or open hole in the well.

8. Applicant wishes to continue TA status for the Subject Well, because Applicant intends to use the well for the following purpose:

Murfin Drilling Company intends to use the Downing B 1-1 as either an injection or producing well in a future, unitized waterflood.

9. Applicant submits the following information regarding the well in support of the Application.

- a. The Downing B 1-1 is located on the southern and western edge of the SCODA field (see attached ½-mile-radius map and LKC D-porosity-thickness map).
- b. Discovered in 2013, the SCODA field is a large field encompassing the E2, S2-T1S-R36W; S1-T1S-R36W; & W2, S6-T1S-R35W of Rawlins County, Kansas, and the SW4, S32-T1N-R35W & S31-T1N-R35W of Hitchcock County, Nebraska.
- c. Murfin Drilling Company operates the Kansas side of the SCODA field. Berexco LLC operates the Nebraska side of the SCODA field.
- d. The SCODA field produces from the Lansing Kansas City (LKC) formation. The Kansas portion of the SCODA field has produced

1,279,774 bbls oil thru December 2023.

- e. The SCODA field currently produces under primary, solution-gas-drive energy. The field has the potential to be an excellent waterflood, perhaps doubling the amount of oil to be recovered by primary production alone.
- f. Due to multiple ownership, the SCODA field needs to be unitized before a waterflood can be implemented. Unitization is a slow and lengthy process. The SCODA field is in the early phases of unitization.
- g. The Downing B 1-1 well is uneconomic to produce under primary. The wellbore, however, should be preserved as it has geographic and geological significance in a future, unitized waterflood. Specifically, the attached LKC D phi-h (porosity-thickness) map shows the area near Downing B 1-1 has water-floodable pore volume.
- h. Should the Downing B 1-1 be prematurely plugged, future oil production will likely be lost.

10. Applicant has included a plat map showing the locations of all producing, injection, temporarily abandoned, abandoned, and plugged wells located on the same leased premises as the Subject Well.

11. Based on the foregoing, Applicant requests the Commission grant an exception to the 10-year limitation, specifically to allow the Subject Well to remain eligible for temporary abandonment status for three (3) years following the expiration of the 10-year limitation. Applicant understands that the exception would be valid for three (3) years, but Applicant would

still need to apply annually to the Conservation Division District Office for approval of an application for temporary abandonment status.

12. Listed in the attached Exhibit "A" are the names and addresses of the following persons:

- A. Each operator of each oil and gas lease covering lands within one-half (1/2) mile radius of the Subject Well; and
- B. Each person who owns any mineral interest of record in and under any lands located within one-half (1/2) mile radius of the Subject Well (provided that such mineral interest is not covered by any oil and gas lease).

13. Notice of this Application will be published pursuant to K.A.R. 82-3-135a. In addition, notice of the hearing to be held in this matter will be provided as prescribed by K.A.R. 82-3-135.

WHEREFORE, Applicant prays that this matter be granted administratively without a hearing, or in the alternative be set for hearing, and upon hearing that the Commission grant Applicant's request, for an exception to the K.A.R. 82-3-111 ten (10) year limitation, to allow the Subject Well to remain temporarily abandoned for three (3) years, subject to annual approval by the Conservation Division District Office of an application for temporary abandonment status.

Respectfully Submitted,

Richard E Pancake
Murfin Drilling Company
250 N. Water St., Ste 300
Wichita, Kansas 67202
(316) 858-8699

By 
Richard E Pancake

VERIFICATION

STATE OF KANSAS)
) ss:
COUNTY OF SEDGWICK)

Richard E Pancake, of lawful age, being duly sworn upon his oath deposes and states:

That he has the authority on behalf of Murfin Drilling Company to file this application, that he has read the above and foregoing application and is familiar with the contents thereof; and, that the statements made therein are true and correct to the best of his knowledge and belief.

Richard E Pancake

SUBSCRIBED AND SWORN to before me this 6 day of February, 2024.

Sarah Kerstetter
Notary Public

My Appointment Expires:

June 7, 2026



CERTIFICATE OF SERVICE

I hereby certify on this 6th day of February, 2024, true and correct copies of the above and foregoing Application and the Notice of Application were served by depositing copies of the same in the United States Mail, postage prepaid, and properly addressed to the landowner/s set forth in paragraph 12 of said Application, each party set forth in Exhibit "A" attached to said Application filed by Applicant, and the original to the Kansas Corporation Commission.

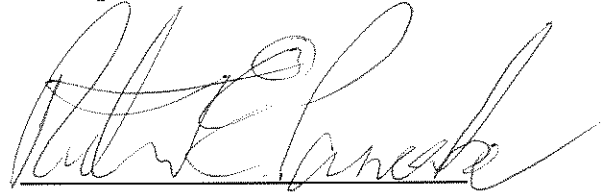
A handwritten signature in cursive script, appearing to read "Robert E. Lankford", written over a horizontal line.

EXHIBIT A

A TABULATION SHOWING THE NAMES AND ADDRESSES OF EACH OPERATOR/LESSEE AND OWNER, AS SET FORTH IN THE KCC REGULATIONS K.A.R. 82-3-135A, FOR ALL LANDS WITHIN ONE-HALF MILE OF THE SUBJECT WELL, AS DISCLOSED BY THE PUBLIC RECORDS OF RAWLINS COUNTY, KANSAS, TO-WIT:

SUBJECT WELL: DOWNING B 1-1, API 15-153-20972

ALL SECTION 1-T1S-R36W OF THE 6TH PM, RAWLINS COUNTY, KANSAS

MURFIN DRILLING COMPANY, INC. 250 N Water, Ste 300 Wichita, KS 67202	WI, OPERATOR
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E/2 E/2 SECTION 2-T1S-R36W OF THE 6TH PM, RAWLINS COUNTY, KANSAS

DOUGLAS K. DOWNING, TRUSTEE OF THE DOUGLAS K. DOWNING REVOCABLE TRUST DATED APRIL 15, 2022 1407 W 3 rd Street McCook, NE 69001-2535	SURFACE AND MINERAL OWNER
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BURKHALTER FAMILY JOINT REVOCABLE TRUST KEVIN BURKHALTER, TRUSTEE 2627 Road 30 Bird City, KS 67731	SURFACE AND MINERAL OWNER
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JASON DOWNING AND AMY DOWNING 17 Maple Drive Kearney, NE 68845	SURFACE AND MINERAL OWNER
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CHERIE BARRETT 1590 Little Raven Street, Unit 602 Denver, CO 80202	SURFACE AND MINERAL OWNER
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RYAN DOWNING 6210 NW 2 nd Circle Lincoln, NE 68521	SURFACE AND MINERAL OWNER
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RENEE WERNER 7960 Orchard Path Road Colorado Springs, CO 80919	SURFACE AND MINERAL OWNER
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NE/4 SECTION 12-T1S-R36W OF THE 6TH PM, RAWLINS COUNTY, KANSAS

DOUGLAS K. DOWNING, TRUSTEE OF THE
DOUGLAS K. DOWNING REVOCABLE TRUST
DATED APRIL 15, 2022
1407 W 3rd Street
McCook, NE 69001-2535

SURFACE
AND
MINERAL
OWNER

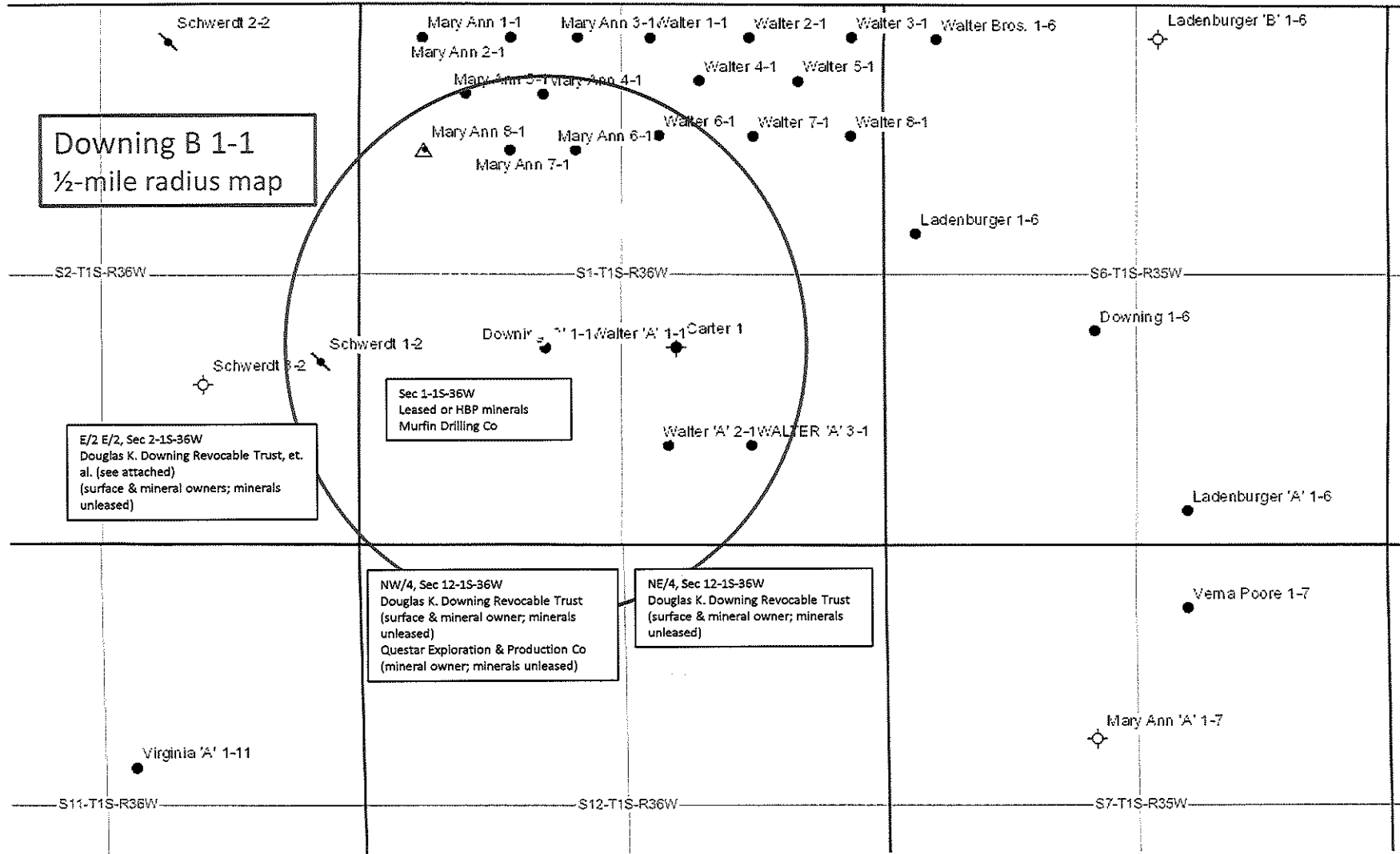
NW/4 SECTION 12-T1S-R36W OF THE 6TH PM, RAWLINS COUNTY, KANSAS

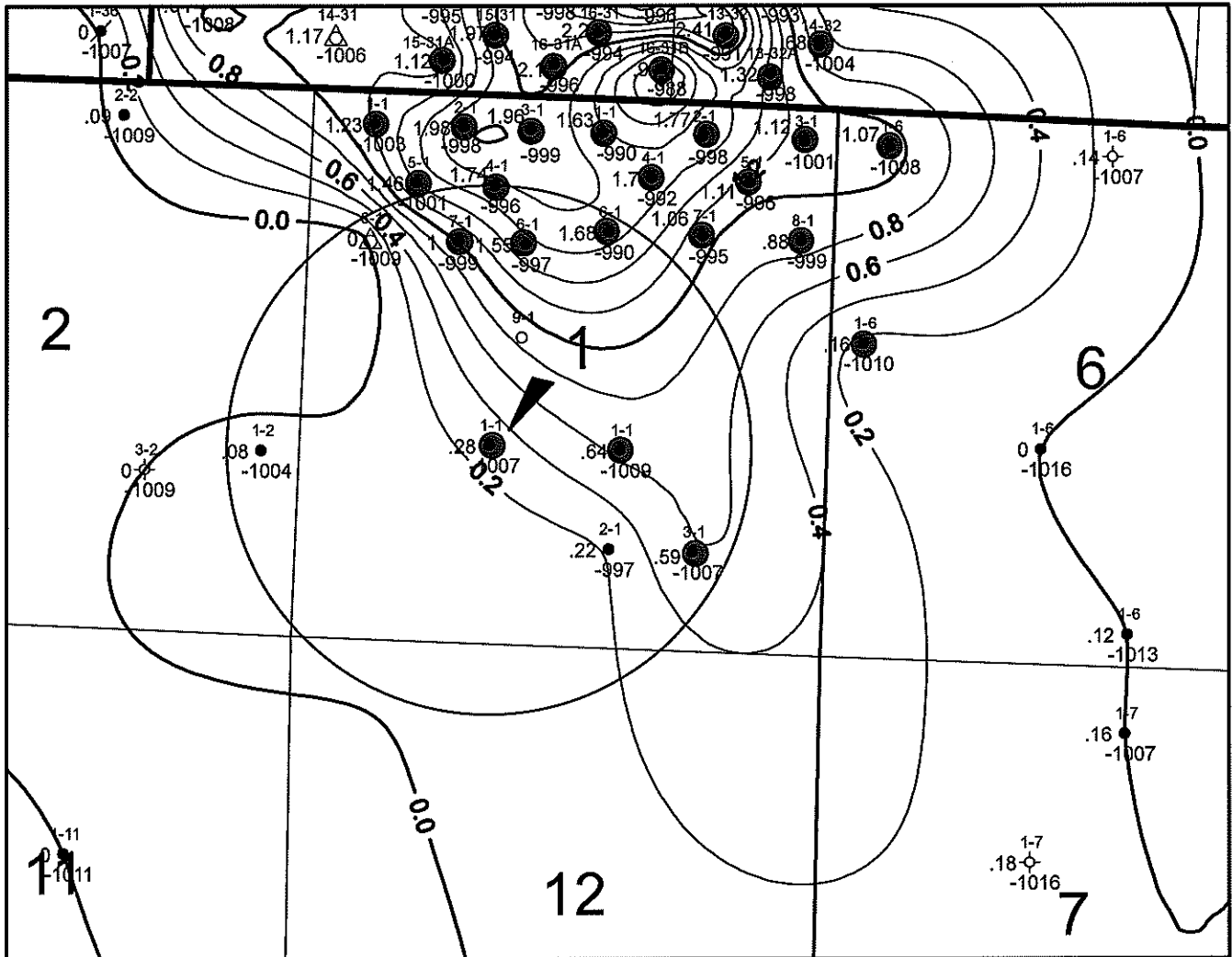
DOUGLAS K. DOWNING, TRUSTEE OF THE
DOUGLAS K. DOWNING REVOCABLE TRUST
DATED APRIL 15, 2022
1407 W 3rd Street
McCook, NE 69001-2535


SURFACE
AND
MINERAL
OWNER

QUESTAR EXPLORATION & PRODUCTION CO
2601 NW Expressway, Ste 1200E
Oklahoma City, OK 73112

MINERAL
OWNER







Downing #1-1 TA Limit Application
 Sec. 1-1S-36W
 Rawlins Co., KS

LKC D Phht (porosity x thickness)
LKC D Structural Datum
LKC D zone Producers

Author: K Dean Horizontal Scale: 1":1893'
 Date: 30 January, 2024 Contour Interval: .2 porosity feet