

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: DECATUR		SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$		27		T 5 S		R 30 EW	
Distance and direction from nearest town or city street address of well if located within city?									
2 WATER WELL OWNER: Mumm Brothers									
RR#, St. Address, Box # : Box 64					Board of Agriculture, Division of Water Resources				
City, State, ZIP Code : Selden, Ks 67757					Application Number: 20070490				
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL 135 ft. ELEVATION:							
		Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft.							
		WELL'S STATIC WATER LEVEL na ft. below land surface measured on mo/day/yr							
		Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm							
		Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm							
		Bore Hole Diameter 8 in. to 135 ft. and _____ in. to _____ ft.							
		WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well							
		1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)							
		2 Irrigation 4 Industrial 7 Lawn and garden (domestic) 10 Monitoring well							
		Was a chemical/bacteriological sample submitted to Department? Yes _____ No X If yes, mo/day/yr sample was submitted							
		Water Well Disinfected? Yes X No							
5 TYPE OF BLANK CASING USED:									
1 Steel 3 RMP (SR) 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued X Clamped									
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) We ded _____									
7 Fiberglass _____ Threaded _____									
Blank casing diameter 4.5 in. to 95 ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.									
Casing height above land surface 18 in., weight 2.38 lbs./ft. Wall thickness or gauge No. .248									
TYPE OF SCREEN OR PERFORATION MATERIAL:									
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement									
2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)									
9 ABS 12 None used (open hole)									
SCREEN OR PERFORATION OPENINGS ARE:									
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)									
2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes									
7 Torch cut 10 Other (specify)									
SCREEN-PERFORATED INTERVALS: From 95 ft. to 135 ft. From _____ ft. to _____ ft.									
From _____ ft. to _____ ft. From _____ ft. to _____ ft.									
GRAVEL PACK INTERVALS: From 20 ft. to 135 ft. From _____ ft. to _____ ft.									
From _____ ft. to _____ ft. From _____ ft. to _____ ft.									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other									
Grout intervals From 0 ft. to 20 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.									
What is the nearest source of possible contamination:									
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well									
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/ Gas well									
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)									
13 Insecticide storage none									
Direction from well? _____ How many feet? _____									
FROM	TO	CODE	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS			
0	2		Surface						
2	16		Loess						
16	36		Fine to med sand						
36	47		Clay & caliche						
47	52		Fine sand w/clay caliche & sand						
			Stone strks						
52	63		Clay & caliche						
63	71		Sandstone w/ caliche strks						
71	80		Clay w/caliche strks						
80	85		Clay w/fine to some med sd strk						
85	91		Fine to some med sd w/clay strk						
91	130		Fine to med sd & gravel						
130	135		Yellow ochre & gray shale						
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/yr) 12-11-07 and this record is true to the best of my knowledge and belief. Kansas									
Water Well Contractor's License No. 554					This Water Well Record was completed on (mo/day/yr) 12-14-07				
under the business name of Woofert Pump & Well Inc.					by signature: <i>[Signature]</i>				
INSTRUCTIONS: Please fill in blanks and circle the correct answers. Send three copies to Kansas Department of Health and Environment, Bureau of Water, 1000 S.W. Jackson St., Ste. 420, Topeka, Kansas 66612-1367. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.									

OFFICE USE ONLY

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SEC

COPY



Murfin Drilling Company, Inc.
250 N. Water Suite #300
Wichita Kansas 67202
(316) 267-3241

WATER WELL

I Kenneth Mumm hereby after this date Sept 10 20 08
Or (after Murfin Rig # _____ moves off (well name) Brothers 1-27
Sec. 27 T. 5 R. 30. County Decatur St. KS
Takes all and full responsibilities of water well drilled on lease.

Drilled for the purpose of supplying Murfin Rig # _____ with water to drill
Above said lease.

SIGNED: Mumm Brothers Inc
LAND OWNER

SIGNED: Brent Meyer
MDC REPRESENTATIVE

Transferred

WATER RESOURCES
RECEIVED

FO 3 PAGE 02/05

GMD 4

MEETS

9-1

DATE 12-10-07

The State of Kansas

COPY

Submit To:

CHIEF ENGINEER
Division of Water Resources
Kansas Department of Agriculture
109 SW 9th Street, 2nd Floor
Topeka, KS 66612-1283APPLICATION FOR
TEMPORARY PERMIT
☒ GROUNDWATER
☐ SURFACE WATER
(check one)

DEC 10 2007

KS DEPT OF AGRICULTURE

A STATUTORY FILING FEE OF \$200.00 MUST ACCOMPANY THIS APPLICATION
(Make check payable to the Department of Agriculture)

20070490

1. Applicant (please print or type):

Name Mumfin Drilling Co.
Street PO Box 661
City and State Colby KS
Zip Code 67101 Telephone No. 785 462-7541
Social Security I.D. No. [REDACTED]
and/or Taxpayer I.D. No. [REDACTED]

6. Location of place of use:

SW 1/4 - SW 1/4 - SE 1/4
27-5-30W
12-15-07 Decatur Co.
R. 8
Brothers 1-27

* 2. Location of Point of Diversion: (SW, SE, SE)

Sec. 27, Twp. 5, Rng. 30 (W)
Decatur County, Kansas.

Distance from Southeast Corner of Section:

330 feet North from Southeast Corner
2310 feet West from Southeast CornerExisting water right? Yes ☐ No ☒
If yes, File No. _____Pending application? Yes ☐ No ☒
If yes, File No. _____

7. Period of use (6 months maximum):

Commencing date: 12-14-2007
Ending date: 6-14-2008

8. Location of the proposed point of diversion shall be indicated on the diagram below. Use the center section.

If surface water, indicate on the diagram the course of the stream, and its name.

The scale of the diagram is 2 inches = 1 mile
Each small square represents 10 acres

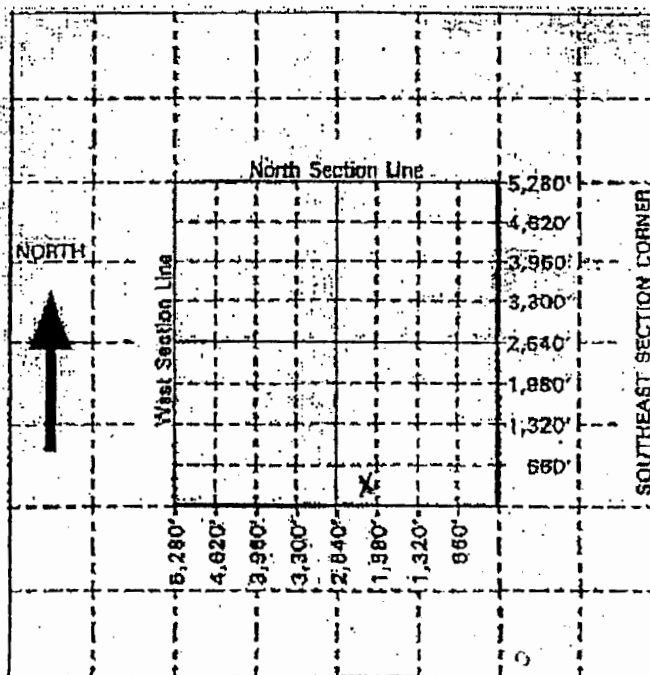
* 3. Water Use Data:

Proposed Max. Pumping Rate (gpm) 40
Amount Requested (gallons) 300000 (0.92AF)
(not to exceed one million gallons unless for dewatering)
Depth of Well (feet) 135', OR
Name of Stream _____

4. Name, address and phone number of the owner of land upon which point of diversion is located:

Mumfin Brothers, Box 661
Sudan 67151If other than applicant, submit statement showing owner's permission to install diversion works has been obtained (attach if applicable). Owner grants permission

5. Water is to be used for (briefly describe proposed use):

Water supply well
for oil field
drillingFor Office Use Only: Code TMP Fee \$ 200 TR IIReceipt Date 12-10-07 Check # [REDACTED]Copy To State
Landowner, Woodruff, John T.

9. For groundwater use, list below all wells within $\frac{1}{4}$ mile of the proposed well, and plot locations upon the diagram on reverse side. If additional space is needed, attach sheet.

Other wells:

None

Well A Owner(s):

Address:

Well B Owner(s):

Address:

10. For surface water use, list below the names and addresses of all landowners from a point $\frac{1}{2}$ mile upstream to a point $\frac{1}{2}$ mile downstream of the tract of land upon which the point of diversion is located. If additional space is needed, attach sheet.

Tract A Owner(s):

Address:

Tract B Owner(s):

Address:

11. The applicant states that the information set forth herein is true and accurate to the best of his/her knowledge.

Signature of Applicant

or

Authorized Representative

Date

Name Printed

Title

Wooten Pump & Well Inc
Tanel Belmes
SIC: 12/6/07

DO NOT WRITE BELOW THIS LINE

CONDITIONS OF APPROVAL:

The applicant shall maintain records from which the quantity of water actually diverted may be readily determined.

The use of water herein authorized shall not be made so as to impair any use under existing water rights or prejudicially and unreasonably affect the public interest.

K.S.A. 82a-728 states in part "(a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water . . .

Well(s) must be properly constructed by the well driller to comply with Article 30 of the Rules and Regulations as adopted by the Kansas Department of Health and Environment.

The Chief Engineer specifically retains jurisdiction in this matter with authority to make such reasonable reductions in the approved rate of diversion and quantity authorized, and such changes in other terms, conditions, and limitations set forth in this approval and permit to proceed as may be deemed to be in the public interest.

The point of diversion authorized by the approval of this application for temporary permit is described as being located in the Southwest Quarter of the Southwest Quarter of the Southeast Quarter (SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 27, Township 3 South, Range 30 West, Decatur County, Kansas.

This is a final agency action. If you choose to appeal this decision or any finding or part thereof, you must do so by filing a petition for review in the manner prescribed by the Kansas Act for Judicial Review and Civil Enforcement of Agency Actions (KJRA K.S.A. 77-601 et. seq.) within 30 days of service of this order. Your appeal must be made with the appropriate district court for the district of Kansas. The Chief Legal Counsel for the Kansas Department of Agriculture, 109 SW 9th Street, 4th Floor, Topeka, Kansas 66612, is the agency officer who will receive service of a petition for judicial review on behalf of the Department of Agriculture, Division of Water Resources. If you have questions or would like clarification concerning this order, you may contact the Chief Engineer.

APPLICATION APPROVED

Permit Number 20070490

Date Issued 12-10-07

Effective Date: 12-14-07

Expiration Date 06-14-08

FOR:

David W. Barfield
Chief Engineer
Division of Water Resources
Kansas Department of Agriculture

RECEIVED

JUL 26 2010

KS GEO SURVEY