

COPIES OF THIS FORM
returned 12/8/10
July 2000
DNR Form 675

STATE OF NEBRASKA
DEPARTMENT OF NATURAL RESOURCES Corrected filed 12/6/2010
APPLICATION FOR AN INDUSTRIAL GROUND WATER TRANSFERS PERMIT

INSTRUCTIONS **For Department Use Only**

Complete items 1 through 8 by printing in ink or typing the appropriate information. Submit the completed application form, the additional information required by Department Rules, Title 456, Chapter 4, and the proper fees to the Department of Natural Resources, P.O. Box 94676, Lincoln, Nebraska 68509-4676. Phone number (402)471-2363.

Application No. I-20
Date Filed October 18, 20 10
Receipt No. G-160 Amount 1500.00

Application Fees: For the first 4,000 acre-feet or fraction thereof-----\$ 1,500
For each additional 1,000 acre-feet or fraction thereof-\$ 750

1. Applicant: John K. Marquardt-Arthur P. Mortensen Telephone Number (970) 227 9287
Address 755 Marquardt Dr Box 83
City Pine Bluffs State Wyo Zip Code 82801 + _____

2. Amount of water for which permit is requested:
87 acre-feet per year 2000 gallons per minute peak capacity

3. Nature of the proposed use:
Oil Well Drilling & Fracking

4. Location of proposed and existing ground water well(s) to be included under permit: (Indicate location of each well by 40-acre government subdivision, Section, Township, Range, and County. Give well registration number for all existing wells.)
Reg # A-004712
14 N Range 59 W Sect 14 SW 1/4 of SE 1/2 Kimball County NE.

5. Location of industrial water use: (Indicate location by 40-acre government subdivision, Section, Township, Range and County. Give street address or lot address and name of facility, if applicable.)
NW 1/4 - SE 1/4 of Section 39-14-59 W Kimball County NE

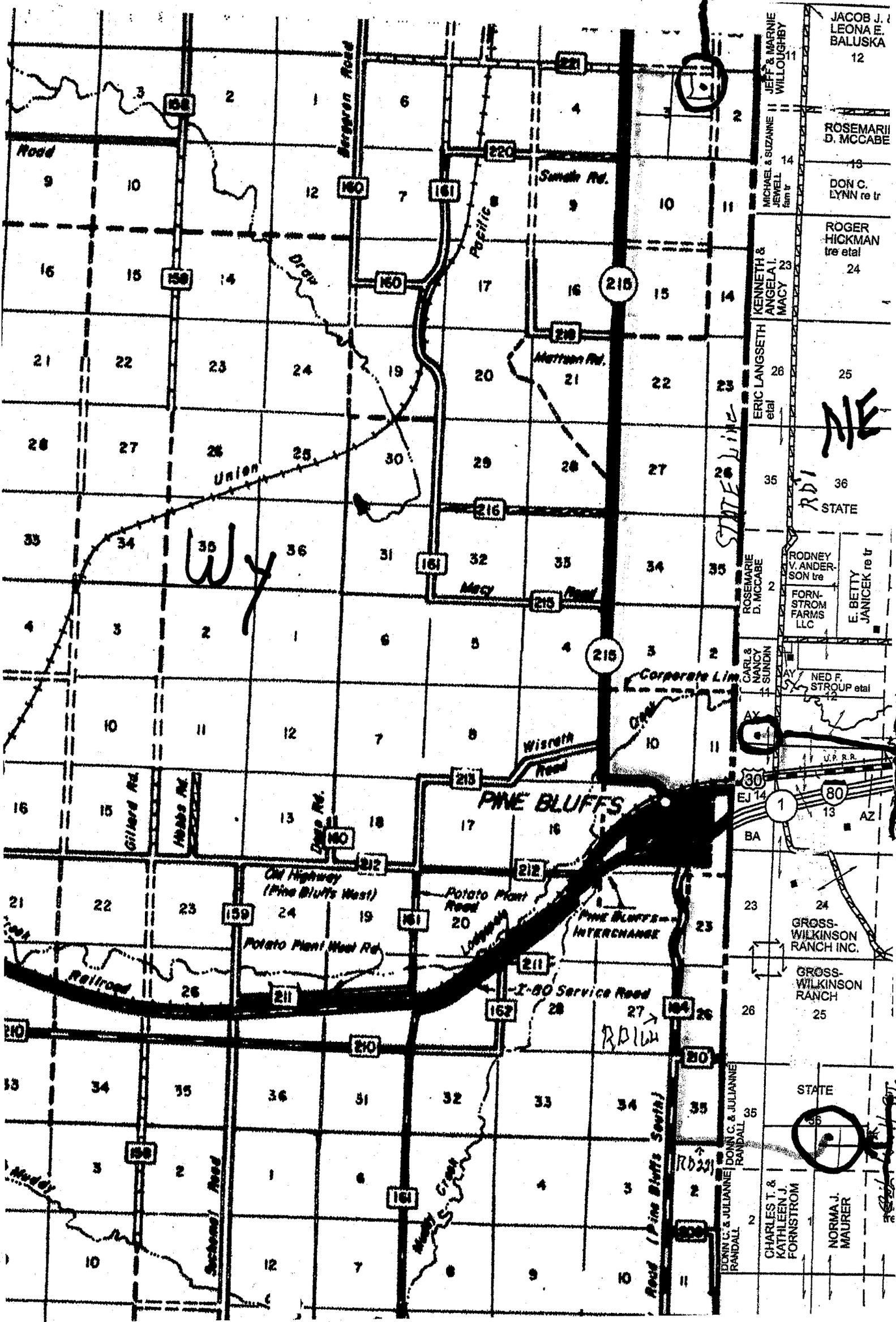
6. Construction will start on or before OK ~~1-1-2011~~ 1-1-2011, 20____.
7. Construction will be completed on or before When Drilling Stops, 20____.
8. Date of initial use of ground water: When Permit is granted, 20____.

I certify that I am familiar with the information contained in this application and to the best of my knowledge and belief, such information is true, complete and accurate.

John K. Marquardt
Signature and Title of Applicant 10-15-2010
Date

app(c)

RECEIVED
DEC 06 2010
DEPARTMENT OF
NATURAL RESOURCES



To Helms drill site:
Waterwell to Road 1, turn right on
Road I to highway 30, turn right on
highway 30 to Beech Street in Pine
Bluff; turn left on Beech St to Rd 164
take 164 to 221, turn right on 221
& take trail road to drill site

To My drill site:
Water well to Rd I, turn right on Rd I
to Highway 30, turn right on Highway 30
to Rd. 215, From 215 to Rd. 210, turn
right on 210, take trail road to drill site.

John Marquardt

RECEIVED

DEC 06 2010

DEPARTMENT OF
NATURAL RESOURCES

Pine Bluffs, WY 82082
Nov. 25, 21010

State of Nebraska
Dept. Of Natural Resources
P.O. Box 94676
Lincoln, NE 68509-4676

RECEIVED

DEC 06 2010

ATTN: Tracy Zayac

DEPARTMENT OF
NATURAL RESOURCES

Dear Tracy Zayac,

Thank you for your help in completing the application for Industrial Ground Water Transfer Permit and the permit to transfer ground water to adjoining states.

It is obvious that we should have been taking more time and done the application more carefully.

We will attempt to give you the information that you require, starting with Application TA-48.

Item No. 1 - The phone number has been added to the application and it is 970-227-9286.

Item No. 2 - Section 3 - The county which is Kimball, and the well capacity which is 2,000 gal. per minute, have been added.

Item 3 - In section 4, the location has been particularly described by Section, Township and Range which is NE1/4 of NE1/4, Section 3 - 15 - 60 Laramie County,

Item 4 - Section 5 and 6 have been corrected as indicated by your letter.

Item 5 - A. The water will be used for the extraction of petroleum from the Niobrara formation. It is necessary for the production of oil from this formation.

B. There are no other sources other than ground water, no streams, no lakes.

C. There will be no more water used than what is currently being used for irrigation.

D. Because the pumping and transportation will be more closely monitored, any adverse environmental effect will be noted and corrected immediately. There will be no more adverse effect on the environment than found in crop irrigation.

E. Because the use of the transport of water will be closely monitored, if usage out-of-state would effect the health, safety and welfare of the state of Nebr., the transportation and sale would cease.

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Nebr., Dept. Of Natural Resources

Application I-20

No. 1 - The cell phone number is included on the application, and it is 970-227-9286

No. 2 - We have provided the location of use, and it is: NW1/4 of SE1/4 of Sec. 39 14 59 W, Kimball County, Nebr.

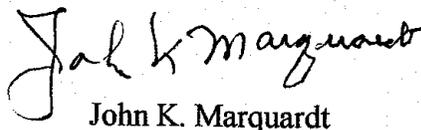
Information supplied with the application that we would be transferring water to Banner Co., Nebr. This is incorrect, there will only be water going to Laramie, Co., WY and Kimball Co., Nebr., both of which are in the South Platte Natural Resources Dist.

Irrigation well No. A-004712 is indeed owned by Arthur P. Mortensen. That name is now on the application TA-48 and I-20. No change in registration records are necessary.

Please find the required map and other information requested.

Thank you again, very much for your help.

Respectfully,

A handwritten signature in cursive script that reads "John K. Marquardt". The signature is written in dark ink and is positioned above the printed name.

John K. Marquardt