

STATE OF NEBRASKA
DEPARTMENT OF NATURAL RESOURCES
APPLICATION FOR AN INDUSTRIAL GROUND WATER TRANSFERS PERMIT

Corrected filed 7-20-11

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-21
Date Filed July 1, 20 11
Receipt No. G-165 Amount \$1500(1510)

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: LeRoy Yung Telephone Number (308) 235-3438
Address 3985 Road 20 S
City Kimball State NE Zip Code 69145 +

2. Amount of water for which permit is requested:
33.8 acre-feet per year 700 gallons per minute peak capacity

3. Nature of the proposed use: sale to oil production industry, sale to wind turbine construction companies

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.)
G-058532 NE¼ NE¼ Section 6, T13N, R55W
G-051806, SW¼ SW¼ Section 32, T14N, R55W

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.)
the location will vary greatly but will mainly be in Weld and Logan counties in Colorado, as well as Kimball County, Nebraska.
-see attached letter for more explanation

6. Construction will start on or before -after permit approval -see attached, 20 .

7. Construction will be completed on or before -ongoing as needed -see attached, 20 .

8. Date of initial use of ground water: -after permit approval -see attached, 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.

LeRoy Yung
Signature and Title of Applicant

6-29-11
Date

-map of other wells in the area within one mile

County Road 22

Livestock
Wadonill
X

Livestock
well
X

Household
X

Livestock
well
X

G-051806

Livestock
well
X

County Road 20

G-058532

Farm
Household
X

Farm
Household
X

X
Livestock
well

X Livestock
well

County Road 18

G-022049 G-022050

G-019421 G-019423

G-019973

G-077801

51806

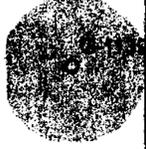
G-03332



G-054269



G-03338



G-03352

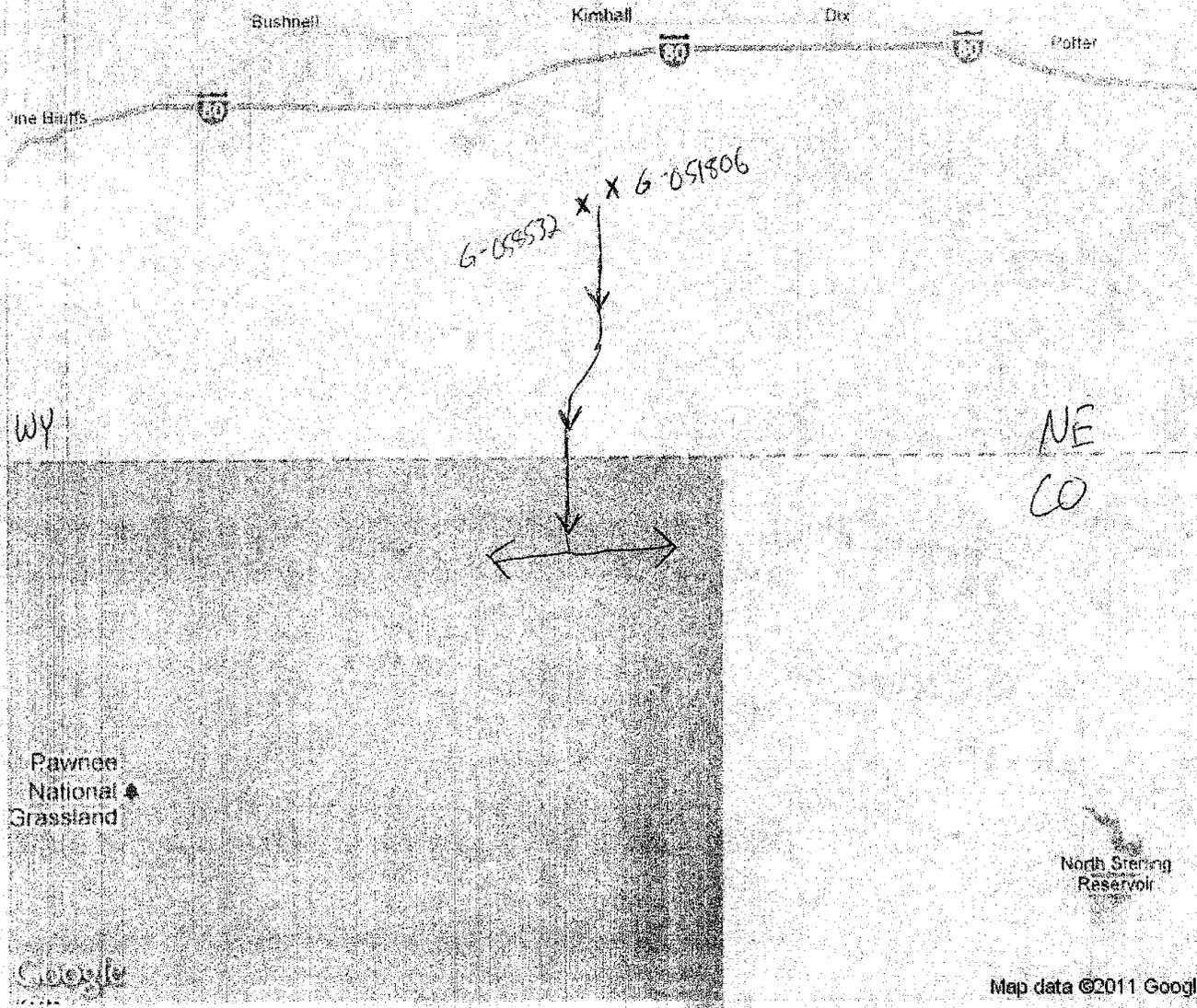
ADDITIONAL INFO. FILED	JUL 20 2011
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* irrigation and industrial wells in the area
 * certified acres in the area

Google maps

location of well
location of USP

Get Google Maps on your phone
Text the word "GMAPS" to 466453

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Google maps

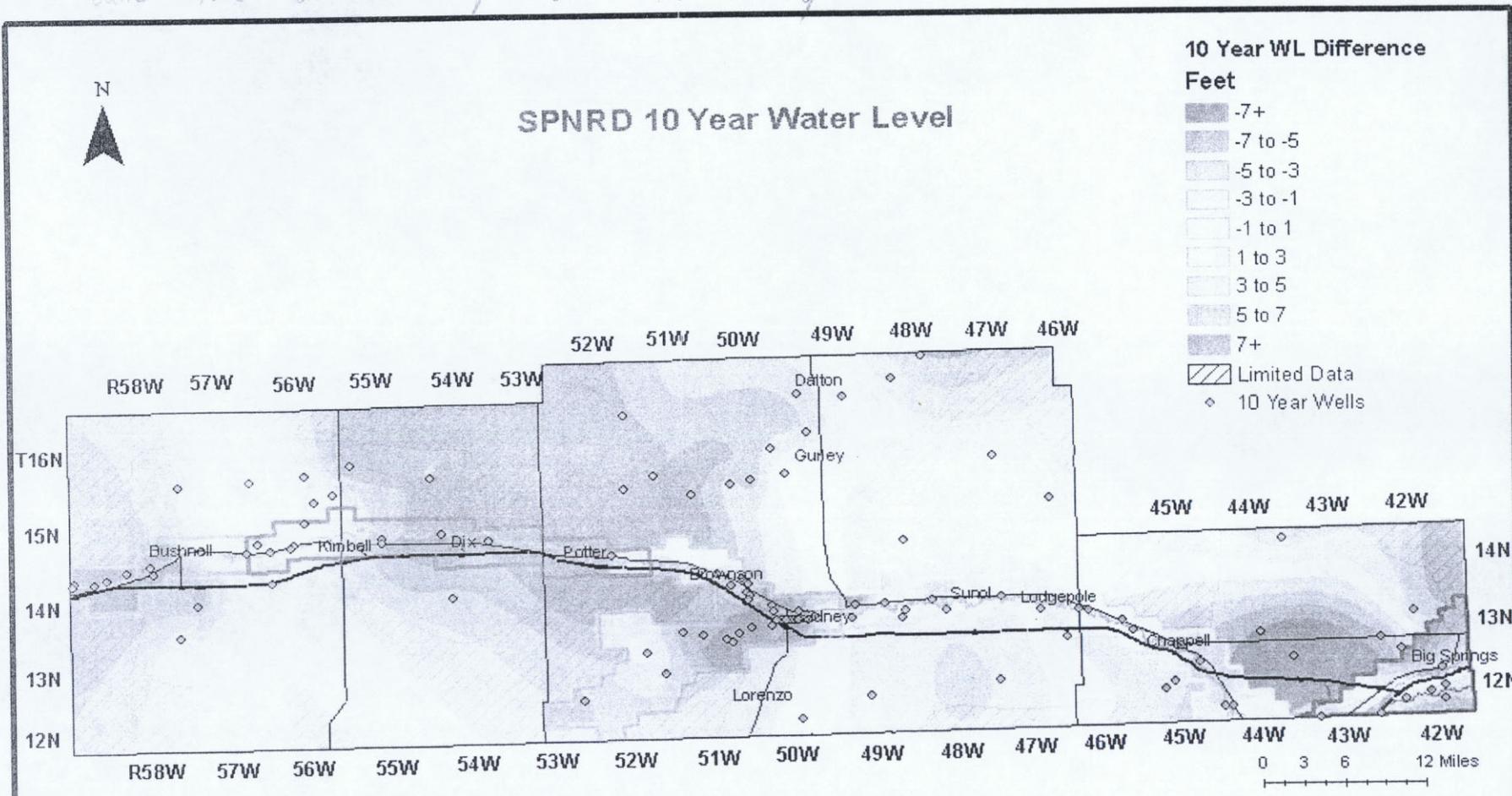
road of well
low of up

To see all the details that are visible on the screen, use the "Print" link next to the map.



ADDITIONAL

water table map
 water level difference map - withdraw/cone of depression



South Platte NRD 10 Year Stats by County						
County	Ave.	Max.	Min.	Count	Decline	% Declines
Kimball	-5.64	1.47	-15.17	30	27	90%
Cheyenne	-3.92	7.01	-19.86	62	47	76%
Deuel	-0.16	4.82	-10.89	23	9	39%

Spring 2001 - Spring 2011



JUL 20 2011
 FILED

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Nebraska Department of Natural Resources

Database Through: 7/15/2011

Processed: 7/18/2011 10:04:59 AM

REGISTERED GROUNDWATER WELLS DATA RETRIEVAL

Note:

Information on Public Water Supply Wells is not available through this interface. Contact the Department of Natural Resources (Data Bank) at 402-471-2363 for more information. All registration documentation for water wells registered after January 1, 1997, except Public Water Supply wells, are now available.

Due to possibility of a well being in more than one series, an individual well might be listed more than once.

1 Records found.

Registration# Well ID Permit Number Well Log	Use Status	County Name NRD Name Well Location Footage Latitude Longitude	Completion Date Filing Date Decommission Date Times Replaced	Acres Irrig Gallons/Min Static Level Pumping Level Series	Pump Col Dia Pump Depth Well Depth	Owner's Name and Address Owner ID
G-058532 WellID: 66246 Other Info Logs View as PDF	I A	Kimball South Platte 13N 55W 6 NENE Map It	7/19/1977 10/24/1977	20.4 300 gpm 127 ft 168 ft PRO	4 in --- 173 ft	Leroy Yung OwnerID: 46930 HC 54 Box 5 Kimball, NE 69145

[Data copy of requested wells.](#)[Data copy of Geo Logs for requested wells.](#)[Data copy of Casing Screen for requested wells.](#)[Data copy of Grout Gravel for requested wells.](#)[Legend and Notes](#)

[Return to Search Page](#)

Nebraska Department of Natural Resources

Database Through: 7/15/2011

Processed: 7/18/2011 10:06:05 AM

Registration Number G-058532, Well ID 66246

Geo Logs

FromDepth	ToDepth	Description	Color	Density	Composition
0	3	TOP SOIL			Other
3	11	SAND GRAVEL			Other
11	29	SANDSTONE & LIMESTONE			Other
29	67	SAND GRAVEL			Other
67	85	CLAY			Other
85	86.5	ROCK HARD			Other
86.5	141	CLAY			Other
141	144	SAND GRAVEL REAL LOOSE			Other
144	147	CLAY			Other
147	162	SAND GRAVEL			Other
162	173	CLAY			Other

Casing and Screen

Grout and Gravel

ADDITIONAL
INFO FILED
JUL 20 2011

7/18/2011 9:06 AM

April, 1976

Registration No. G-58532

County Kimball

Date Filed

10-24-77

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

Permit No. (required only in a control area)

Name & Address of well driller:

M E S Drilling, Inc
P.O. Box 249
Potter, NE 61156

Well Location:

..... Natural Resources District

..... NE Quarter of the NE Quarter of Section 6, Township 13, Range 55,

..... Kimball County, and owned by Leroy Yung

Drilling & construction specifications:

- 1. Date construction was begun: July 18, 1977
- 2. Date construction was completed: July 19, 1977
- 3. Diameter of the drilled hole: 26 inches.
- 4. Was the hole electronically logged? Yes No.
- 5. How is drilled hole sealed (not sealed)? Gravel packed from the bottom of the hole to the top of the ground surface
- 6. Well casing & screen: 16" Plain Steel casing from the top of the hole down 133 feet, 40 feet 16" Perforated Steel casing to the bottom of the hole
(Give type of casing, lengths and vertical position of plain and slotted segments, slot or perforation size.)
- 7. Is the well artificially gravel stabilized? Yes No

Pumping test information:

- 1. Pumping rate: 300 gallons per minute.
- 2. Depth to water before pumping: 137 feet.
- 3. Depth to water 1/4 feet after pumping 30 minutes.

DRILLING LOG ON BACK

DRILLING LOG ON BACK

ADDITIONAL INFO. FILED	JUL 20 2018
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Submit to:
Department of Natural Resources
301 Centennial Mall South
P.O. Box 94676
Lincoln, Nebraska 68509-4676
Phone (402) 471 2363

STATE OF NEBRASKA
DEPARTMENT OF NATURAL RESOURCES
WATER WELL REGISTRATION MODIFICATION
OWNER USE ONLY

FOR DEPARTMENT USE ONLY

Date Filed 8-6-2008 Owner Code No. 37196 Registration No. G-058532
08062008-466246 - MODF(2) South Platte NRD

ALL ITEMS IN SECTION 1 AND SIGNATURE IN SECTION 3 ARE REQUIRED

SECTION 1:

A. Well Owner's First Name Leroy Last Name Yung
OR Company Name _____
Attention Name _____
Address 3985 Rd. 205
City Kimball State NE Zip 69145 Telephone (308)235-3438

B. Well Registration No. G-058532

C. For All Wells: Location of water use (give complete legal description) NE 1/4, sec. 6, T13, R55
For Irrigation Wells: Number of acres irrigated: 20.4

If the location of use is different than what is currently registered, and/or the number of acres irrigated is more than what is currently registered, and you are located in an area that has stays or a moratorium on newly irrigated acres, you **MUST** obtain the written approval of the Natural Resources District **PRIOR TO FILING THIS FORM**. This approval can be the submission of a Natural Resources District Approval form by the NRD.

South Platte (Natural Resources District) [Signature] (Signature of NRD Staff) 8-9-08 (Date)

D. State Reason for Change: modifying well to primary irrigation, secondary commercial/Industrial - was only Irrigation

CORRECTIONS NEEDED Complete only those items being modified

SECTION 2:

A. If location of well needs corrected, items 1 and 2 are required. Item 3 required when applicable.
1. Well location: _____ 1/4 of the _____ 1/4 of Section _____, Township _____ North, Range _____ E W County _____
2. The well is _____ feet from the (N or S) section line and _____ feet from the (E W) section line.
OR Latitude Degree: _____ Minute: _____ Second: _____
Longitude Degree: _____ Minute: _____ Second: _____
3. Street address or block, lot and subdivisions: _____

ADDITIONAL INFO. FILED JUL 20 2011

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AUG 08 2008
DEPARTMENT OF NATURAL RESOURCES

G-058532

B. Change to use, complete items 1, 2 and 3. Identify use from this Listing: Dewatering (over 90 days), Domestic, Ground Heat Exchanger, Ground Water Source Heat Pump, Industrial, Injection, Irrigation, Livestock, Monitoring, Observation, Public Water Supply (with spacing (46-638)), Public Water Supply (without spacing), Recovery, Other (if well use falls in this category - add specific use).

1. Well was used for: Irrigation

2. New well use is: ① Irrigation
3. Date of Change: 8-9-08

C. Well Construction Information.

- 1. Total well depth: _____ feet.
- 2. Static water level: _____ feet.
- 3. Pumping water level: _____ feet
- 4. Well Construction began: (m) _____ / (d) _____ / (y) _____
- 5. Well Construction completed: (m) _____ / (d) _____ / (y) _____
- 6. Bore hole diameter in inches: Top _____ Bottom _____
- 7. Casing and Screen Joints are: Welded , Glued , Threaded , Other _____

D. Wells in a Series.

- 1. Is this well a part of a series? Yes.
- 2. If one or more of the wells in the series is currently registered, give all well registration numbers: _____

E. Replacement and decommissioned/modified well information.

Department of Natural Resources Decommission/Modification Certification form or Notice of Decommissioning form is Required for replacement wells

- 1. Is this well a replacement well? Yes No
- 2. Registration number of original well: _____ If original well is not registered, date well construction completed (m) _____ / (d) _____ / (y) _____
- 3. Original well last operated (m) _____ / (d) _____ / (y) _____
- 4. Completion of original well decommission/modification on (m) _____ / (d) _____ / (y) _____
- 5. Complete location of water use of original well: _____

F. Pump information.

- 1. Pumping rate: _____ gallons per minute. Measured or Estimated
- 2. Drop Pipe diameter: _____ Inches.
- 3. Length of drop pipe: _____ feet.
- 4. Pumping equipment installed: (m) _____ / (d) _____ / (y) _____
- 5. Brand/Type: _____
- 6. Static Water Level: _____ feet.
- 7. Pumping water level: _____ feet.
- 8. Amount of time pumped: _____

G. Active to Inactive

On _____, 20____, I altered the status of this water well from active to inactive by removing the _____ inch pump and pumping column and properly capping the water well according to state standards. (§46-1207.02)

H. Well Construction Modification.

- 1. Total well depth: _____ feet.
- 2. Static water level: _____ feet.
- 3. Pumping water level: _____ feet
- 4. Well Modification began: (m) _____ / (d) _____ / (y) _____
- 5. Well Modification completed: (m) _____ / (d) _____ / (y) _____
- 6. Casing diameter in inches: Top _____ Bottom _____
- 7. Casing and Screen Joints are: Welded , Glued , Threaded , Other _____

I. I certify that the well has been modified according to information given in section 2 E, F, & H, such that it will pump 50 gallons per minute or less. Pumping Rate: _____

Change to use (Check one of the following): Livestock Monitoring Observation
 nonconsumptive or de minimus use approved by the applicable natural resources district. State use: _____

SECTION 3:

I hereby certify that the information provided on this form is true and accurate to the best of my knowledge.

Leoy Young

Water Well Owner's Signature

8-1-08

Date

The Department reserves the right to request verification of information provided.

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Nebraska Department of Natural Resources

Database Through: 7/15/2011

Processed: 7/18/2011 10:07:27 AM

REGISTERED GROUNDWATER WELLS DATA RETRIEVAL

Note:

Information on Public Water Supply Wells is not available through this interface. Contact the Department of Natural Resources (Data Bank) at 402-471-2363 for more information. All registration documentation for water wells registered after January 1, 1997, except Public Water Supply wells, are now available.

Due to possibility of a well being in more than one series, an individual well might be listed more than once.

1 Records found.

Registration# Well ID Permit Number Well Log	Use Status	County Name NRD Name Well Location Footage Latitude Longitude	Completion Date Filing Date Decommission Date Times Replaced	Acres Irrig Gallons/Min Static Level Pumping Level Series	Pump Col Dia Pump Depth Well Depth	Owner's Name and Address Owner ID
G-051806 WellID: 59348 Other Info Logs View as PDF	I A	Kimball South Platte 14N 55W 32 SWSW Map It	2/23/1976 9/3/1976	71.6 500 gpm 101 ft 145 ft PRO	6 in --- 161 ft	Leroy Yung OwnerID: 46930 HC 54 Box 5 Kimball, NE 69145

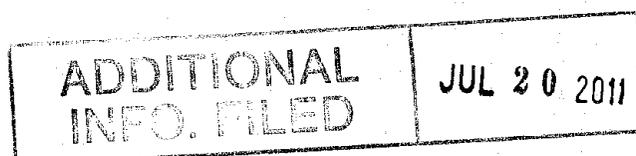
[Data copy of requested wells.](#)

[Data copy of Geo Logs for requested wells.](#)

[Data copy of Casing Screen for requested wells.](#)

[Data copy of Grout Gravel for requested wells.](#)

[Legend and Notes](#)



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Nebraska Department of Natural Resources

Database Through: 7/15/2011

Processed: 7/18/2011 10:07:39 AM

Registration Number G-051806, Well ID 59348

Geo Logs

FromDepth	ToDepth	Description	Color	Density	Composition
0	2	TOP SOIL			Other
2	8	GRAVEL BROKEN SAND ROCK			Other
8	15	BRULE CLAY			Other
15	30	SANDSTONE CLAY LAYERS			Other
30	49	SAND & SANDSTONE			Other
49	53	CLAY			Other
53	56	GRAVEL			Other
56	58	SANDSTONE			Other
58	75	CLAY GRAVEL LAYERS			Other
75	81	GRAVEL			Other
81	86	CLAY			Other
86	93	GRAVEL			Other
93	95	CLAY			Other
95	103	GRAVEL			Other
103	140	SANDSTONE GRANULAR			Other
140	154	SAND & GRAVEL			Other
154	161	SANDSTONE CLAY LAYERS			Other

Casing and Screen

Grout and Gravel



Submit to:
Department of Natural Resources
301 Centennial Mall South
P.O. Box 94676
Lincoln, Nebraska 68509-4676
Phone (402) 471 2363

STATE OF NEBRASKA
DEPARTMENT OF NATURAL RESOURCES
WATER WELL REGISTRATION MODIFICATION
OWNER USE ONLY

FOR DEPARTMENT USE ONLY

Date Filed 6-7-2010 Owner Code No. 46930 Registration No. G-051806
06072010 - 59348 - MODF(2) South Platte NRD

ALL ITEMS IN SECTION 1 AND SIGNATURE IN SECTION 3 ARE REQUIRED

SECTION 1:

A. Well Owner's First Name Leroy Last Name Yung
OR Company Name _____
Attention Name _____
Address 3985 Rd. 205
City Kimball State NE Zip 69145 Telephone _____

B. Well Registration No. G-051806

C. For All Wells: Location of water use (give complete legal description) SW 1/4 sec. 32, T14, R55 Kimball
For Irrigation Wells: Number of acres irrigated: 71.6

If the location of use is different than what is currently registered, and/or the number of acres irrigated is more than what is currently registered, and you are located in an area that has stays or a moratorium on newly irrigated acres, you MUST obtain the written approval of the Natural Resources District PRIOR TO FILING THIS FORM. This approval can be the submission of a Natural Resources District Approval form by the NRD.

South Platte (Natural Resources District) [Signature] (Signature of NRD Staff) 01/25/10 (Date)

D. State Reason for Change: modifying well to primary use irrigation, secondary use is commercial/industrial, the well has been used like this for over 10 years.

CORRECTIONS NEEDED Complete only those items being modified

SECTION 2:

A. If location of well needs corrected, items 1 and 2 are required. Item 3 required when applicable.
1. Well location: ___ 1/4 of the ___ 1/4 of Section ___, Township ___ North, Range ___ E W County.
2. The well is ___ feet from the (N or S) section line and ___ feet from the (E W) section line.
OR Latitude Degree: ___ Minute: ___ Second: ___
Longitude Degree: ___ Minute: ___ Second: ___
3. Street address or block, lot and subdivisions: _____

ADDITIONAL INFO. FILED
JUL 20 2011

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JUN 07 2010
DEPARTMENT OF NATURAL RESOURCES

B. Change to use, complete items 1, 2 and 3. Identify use from this Listing: Dewatering (over 90 days), Domestic, Ground Heat Exchanger, Ground Water Source Heat Pump, Industrial, Injection, Irrigation, Livestock, Monitoring, Observation, Public Water Supply (with spacing (46-638), Public Water Supply (without spacing), Recovery, Other (if well use falls in this category - add specific use).

1. Well was used for: Irrigation

2. New well use is: ① Irrigation
3. Date of Change: ② Commercial/Industrial

C. Well Construction Information.

- 1. Total well depth: _____ feet.
- 2. Static water level: _____ feet.
- 3. Pumping water level: _____ feet
- 4. Well Construction began: (m)____/(d)____/(y)_____
- 5. Well Construction completed: (m)____/(d)____/(y)_____
- 6. Bore hole diameter in inches: Top____ Bottom____
- 7. Casing and Screen Joints are: Welded , Glued , Threaded , Other _____

D. Wells in a Series.

- 1. Is this well a part of a series? Yes.
- 2. If one or more of the wells in the series is currently registered, give all well registration numbers: _____

E. Replacement and decommissioned/modified well information.

Department of Natural Resources Decommission/Modification Certification form or Notice of Decommissioning form is Required for replacement wells

- 1. Is this well a replacement well? Yes No
- 2. Registration number of original well: _____ If original well is not registered, date well construction completed (m)____/(d)____/(y)_____
- 3. Original well last operated (m)____/(d)____/(y)_____
- 4. Completion of original well decommission/modification on (m)____/(d)____/(y)_____
- 5. Complete location of water use of original well: _____

F. Pump information.

- 1. Pumping rate: _____ gallons per minute. Measured or Estimated
- 2. Drop Pipe diameter: _____ Inches.
- 3. Length of drop pipe: _____ feet.
- 4. Pumping equipment installed: (m)____/(d)____/(y)_____
- 5. Brand/Type: _____
- 6. Static Water Level: _____ feet.
- 7. Pumping water level: _____ feet.
- 8. Amount of time pumped: _____

G. Active to Inactive

On _____, 20____, I altered the status of this water well from active to inactive by removing the _____ inch pump and pumping column and properly capping the water well according to state standards. (§46-1207.02)

H. Well Construction Modification.

- 1. Total well depth: _____ feet.
- 2. Static water level: _____ feet.
- 3. Pumping water level: _____ feet
- 4. Well Modification began: (m)____/(d)____/(y)_____
- 5. Well Modification completed: (m)____/(d)____/(y)_____
- 6. Casing diameter in inches: Top____ Bottom____
- 7. Casing and Screen Joints are: Welded , Glued , Threaded , Other _____

I. I certify that the well has been modified according to information given in section 2 E, F, & H, such that it will pump 50 gallons per minute or less. Pumping Rate: _____
Change to use (Check one of the following): Livestock Monitoring Observation
 nonconsumptive or de minimus use approved by the applicable natural resources district. State use: _____

SECTION 3:

I hereby certify that the information provided on this form is true and accurate to the best of my knowledge.

Leroy Young
Water Well Owner's Signature

06/01/2010
Date

The Department reserves the right to request verification of information provided.

STATE OF NEBRASKA
CERTIFICATE OF WELL DRILLER

I, Shaul Drilling Co. of Route 2, Box 36, Harrisburg
(Name of Driller) (Postoffice Address)

County of Banner State of Nebraska, do hereby certify that:

1. I am the driller of a well located on the N³ SW⁴ Quarter, Section No. 32
Township 14 North, Range 55, owned by Earl Anderson
whose postoffice address is Kimball State of Nebr.

2. That the drilling was begun on the 23 day of Febr., 1976, and completed on the 23 day of Febr., 1976.

3. That the well is cased and screened in the following manner: 101 ft. of plain (16 in)
(Give kind of casing, lengths and position of plain steel casing on the top, with 60 ft. of steel perforation on the bottom. and screen casing, weight of metallic casing, etc.)

4. That the diameter of drilled hole is 24 inches.

5. That Hydrolic Reverse type of drilling machinery was used.

6. That the drilled hole is Not sealed, as follows: Gravel packed top to bottom.

7. That the following is an accurate log of the depth, thickness and character of the different strata penetrated, and the location of water-bearing strata:

DEPTH IN FEET		MATERIAL DRILLED
FROM	TO	
0	2	Top Soil
2	8	Gravel broken Sand Rock
8	15	Brule Clay
15	30	Sandstone, Clay Layers
30	49	Sand and Sandstone
49	53	Clay
53	56	Gravel
56	58	Sandstone
58	75	Clay, Gravel Layers
75	81	Gravel
81	86	Clay
86	93	Gravel
93	95	Clay
95	103	Gravel
103	140	Sandstone (granular).
140	154	Sand and Gravel
154	161	Sandstone clay layers.

Date Signed 8-12-76

Shaul
Driller

JUL 20 1976
 ADDITIONAL INFO FILED