

**Report on the wells constructed between December 15, 2002, and December 31, 2002, in the
Nebraska Republican River Basin**

This report is meant to satisfy the requirements of Item VA8, Moratorium, of the Republican River Compact Administration, Appendix C, Accounting Procedures and Reporting Requirements.

A search of the Department of Natural Resources registered well database was done to identify all wells constructed between December 15, 2002, and December 31, 2002, within the settlement moratorium area of the Upper Republican NRD, the Middle Republican NRD, and the Lower Republican NRD. The wells matching these criteria were then checked against the settlement moratorium map to determine whether they were in the excluded areas or the moratorium area. All of the wells were within the settlement moratorium area.

Nebraska law (§ 46-602(1)) requires wells to be registered within 60 days after completion. Assuming that all wells constructed between December 15, 2002, and December 31, 2002, have been registered, this list should be complete. If wells were completed within this time period but have not been registered, the Department is unaware of their existence. An assumption is made that the well driller recorded the information (e.g. location) accurately when registering the well.

Also included with this report is a copy of the Middle Republican NRD permit application that was approved December 30, 2002. This permit represents the only permit that was approved or denied by the, Middle Republican NRD, and Upper Republican NRD during the reporting period. It should be noted that the Lower Republican NRD does not currently issue permits for wells.

April 4, 2003



Roger K. Patterson
Director, Department of Natural Resources

Wells constructed between December 15, 2002 and December 31, 2002 within the Nebraska Republican River Basin

Natural Resources District																	
Registration Number	Sub Sec	Twn	Rng	Sec	County	Owner	Completion Date	Use	Status	Level	Total Depth	Pump Rate	Casing/Screen	Depth From	Depth To	Outside Diameter	Replacement
Lower Republican																	
G-119121	SENE	2 N	22 W	3	Furnas	Schwanz Dave	12 16 2002	S	I	88	147						
G-119285	NWNW	2 N	21 W	32	Furnas	Schluntz Family Farms Jerry	12 19 2002	S	A	108	118	8	Casing Screen	0 107	107 147	4.5 4.5	
G-119286	SESE	2 N	21 W	23	Furnas	Schluntz Jerry	12 18 2002	S	A	26	50	8	Casing Screen	0 40	40 50	4.5 4.5	
G-119473	SENE	1 N	20 W	10	Harlan	Dietz Terry	12 20 2002	S	A	51	93	16	Casing Screen	0 40	40 50	4.5 4.5	
G-119863	SWSE	4 N	24 W	32	Furnas	Stagemeyer Merrill & Sandra	12 16 2002	S	I	67	118		Casing Screen	-2 73	73 93	4.95 4.95	
													Casing Screen	0 78	78 118	16 16	

Natural Resources District

Registration Number	Sub_Sec	Twn	Rng	Sec	County	Owner	Completion Date	Use Status	Staff Level	Total Depth	Pump Rate	Casing/Screen	Depth From	Depth To	Outside Diameter	Replacement	
Middle Republican																	
G-076464	SESW	3 N	30 W	16	Red Willow	Drake Richard D & Mary Lou	7 1992	I X	10	19	15						
												Casing	0	9	4		
												Screen	9	19	4		
G-076464	NESW	3 N	30 W	16	Red Willow	Drake Richard D & Mary Lou	12 19 2002	I I	74	107							Yes
												Casing	0	87	8.63		
												Screen	87	107	8.63		
G-119359	NWNE	1 N	32 W	5	Hitchcock	Reiners Dennis	12 30 2002	S I	87	108							
												Casing	0	68	4.5		
												Screen	68	108	4.5		
G-119360	NWNW	1 N	32 W	4	Hitchcock	Reiners Dennis	12 27 2002	D I	90	114							
												Casing	0	74	4.5		
												Screen	74	114	4.5		
G-119423	NESE	5 N	26 W	36	Frontier	Kabik Morris C	12 20 2002	D A	82	102	8						
												Casing	0	82	4.5		
												Screen	82	102	4.5		
G-119498	SWNW	4 N	34 W	35	Hitchcock	Brown Loren L	12 23 2002	S I	183	268							
												Casing	0	248	4.5		
												Screen	248	268	4.5		
G-119517	NENW	5 N	26 W	25	Frontier	Nebraska Game & Parks	12 23 2002	S I	73	95							
												Casing	0	75	4.5		
												Screen	75	95	4.5		
G-119628	SENE	5 N	26 W	23	Frontier	Nebraska Game & Parks	12 23 2002	S I	30	56							
												Casing	0	50	4.5		
												Screen	50	56	4.5		

Natural Resources District

Registration Number	Sub Sec	Twn	Rng	Sec	County	Owner	Completion Date	Use Status	Level	Static Level	Total Depth	Pump Rate	Casing/Screen	Depth From	Depth To	Outside Diameter	Replacement	
G-119441	SESE	4 N	41 W	20	Dundy	Larsen Farms	12 17 2002	S	A	56	240	15						

Upper Republican

Casing	1	180	4.95
Screen	180	240	4.95

Well Use Codes:

- D = Domestic
- I = Irrigation
- S = Livestock

Well Status Codes:

- A = Active
- I = Inactive (pump not installed)
- X = Abandoned

Static Water Level and Total Well Depth are reported in feet
 Depth From and Depth To are measured in feet from ground level
 Pump Rate is reported in gallons per minute
 Outside Diameter is reported in inches

Summary of Republican River Basin wells constructed between 12/15/2002 and 12/31/2002

NRD	Well Status	Domestic	Irrigation	Livestock
Lower Republican				
	Active Registered Well			3
	Inactive Well (Pump not installed)			2
Middle Republican				
	Active Registered Well	1		
	Inactive Well (Pump not installed)	1	1	4
Upper Republican				
	Active Registered Well			1

Application For A Permit to Construct A Water Well (MRNRD 2/00)
In The Middle Republican Natural Resources District Ground Water Management Area

1. Name and Address of Land Owner: (5034) 146001
Gene (Pat) + Ivy Stritt
PO Box 123
Barthley, NE 69020

DWR & NRD USE ONLY
 Permit No. MR-445
 Reg. No. G-095064(SIR)
 Received Date 20 Dec 02

2. Purpose of Well (indicate one):
- Irrigation Domestic Livestock Ground Heat Exchanger
 Public Water Supply Dewatering (over 90 days) Geothermal Industrial
 Recovery Monitoring Aquaculture Other
 Ground Water Source Heat Pump

3. Identify the Location of the Proposed Well:
Red Willow County, Section 12
 Township 3 North, Range 27 West

The box at the right represents one square mile, (section). Indicate with an "X", the proposed location of the well. If the well is to be used for irrigation, outline lands to be irrigated.

NWNW	NENW	NWNE	NENE
<input checked="" type="checkbox"/>			
SWNW	SENW	SWNE	SENE
NWSW	NESW	NWSE	NESE
SWSW	SESW	SWSE	SESE
1320'			
	2640'		
	5280'		

The well will be located 1400 feet from the (North/South) section line, and 1000 feet from the (East/West) section line.

How many acres will be irrigated? 15
 Type of irrigation system. Center Pivot , Gravity , Other (specify) Sideroll
 Will System be Electric Fuel, powered?
 Will the well be used in a system with other wells Yes No? How many _____
 Will Fertilizer or Chemicals be applied through the proposed system Yes No?
 Distance from nearest well 700' Type of well irrig

4. Replacement and Abandonment Well Information:

- A. Is this a replacement well? Yes No
 B. Registration number of abandoned well: G-95064
 C. Decommissioned well was last operated 2002
 D. Replacement well is 15 feet from abandoned well.
 E. Original well pump column size: 3 inches.
 F. Abandonment completed on _____
 G. Will new well water the same tract of land as the abandoned well Yes No?

5. Specifications of Intended Well and Pump:

Approximate date when construction will begin: Jan, 2003
 Pump column diameter: 4 inches. Estimated total well depth 45 feet.
 Estimated pumping capacity: 200 gallons per minute. Well casing diameter: 8 inches.
 Expected well log, if known. (Please provide a copy of drilling report, if available)

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

Date 12/20/02 Signature of applicant Gene P. Stritt

Date Approved 30 Dec 02 NRD Representative Dennis Smith

SEE OTHER SIDE FOR IMPORTANT RULES AND REGULATIONS!!

Middle Republican NRD
 P.O. Box 81
 Curtis, NE 69025

Phone (308)367-4281
 800-873-5613

RECEIVED
 DEC 20 2002
 DNR

Please take the time and fill out the information correctly. An incomplete or defective application will be returned by the District with 60 days being allowed for resubmission. All permits shall be issued by the District, with conditions attached or denied, not later than 30 days after receipt of a complete and properly prepared application. Be sure to include correct fee payment with your application.

PERMIT RESTRICTIONS AND RULES AND REGULATIONS

G-095064(KIR)

1. A replacement well is one, which replaces a properly abandoned registered well that has been operated within the last 3 years and is constructed to provide water to the same tract of land as the abandoned water well. Abandoned water wells must be decommissioned according to state guidelines. A copy of these guidelines is available from the Middle Republican Natural Resources District.
2. Any person who intends to construct a water well, including replacement wells, shall, before commencing construction, apply with the District for a permit. No new well requiring a permit, other than replacement wells, shall be constructed upon any land in this district within 1320 feet of any registered irrigation, industrial or public water supplier well.
3. No permit shall be required for test holes, dewatering wells with an intended use of ninety days or less or a single water well designed and constructed to pump fifty gallons per minute or less.
4. A permit is required for a water well designed and constructed to pump fifty gallons per minute or less if such water is commingled, combined, clustered, or joined with any other water well or wells, or other water source other than a water source used to water range livestock. Such wells shall be considered one water well and the combined capacity shall be used as the rated capacity.
5. A person shall apply for a permit before he or she modifies a water well, for which a permit was not required when the well was constructed, into one for which a permit is now required.
6. The application shall be accompanied by a non-refundable \$17.50 filing fee.
7. Any person who has failed or in the future fails to obtain a permit, before construction is started, shall make application for a late permit.
8. The application for a late permit shall be accompanied by a non-refundable \$250.00 filing fee.
9. The application for a permit shall be denied if (1) the location or operation of the proposed water well or other work would conflict with any regulations or controls adopted by the district, (2) the proposed use would not be a beneficial use, (3) in the case of a late permit only, that the applicant did not act in good faith in failing to obtain a timely permit.
10. **The issuance of a permit, or the registration of a water well, shall not vest in any person the right to violate any district rule, regulation, or control in effect on the date of issuance of the permit or the registration of the water well or to violate any rule, regulation, or control properly adopted after such date.**
11. The applicant shall commence construction as soon as possible after the date of approval and shall complete construction and equip the water well prior to the date specified in the conditions of approval, which shall not be more than one year from the date of approval.
12. **All new and replacement wells must have a flow meter installed prior to use of the well. Flow meter must meet District standards.**

To assist with field inspection, if possible, mark (with a flag) the proposed well site in the field. Include a copy of an FSA farm photo with the proposed well location and land ownership marked.

COMMENT:
