

**IRRIGATION WELLS REGISTERED  
IN THE FOUR NRDS  
2002-2006**

\*In the numbers listed below, please note that the entire Tri-Basin NRD and part of the Lower Republican NRD are not part of the moratorium area as depicted in the Republican River Compact Settlement Agreement (See attached maps). The moratorium for the Settlement went into effect when the Settlement was signed on December 15, 2002.

The number of irrigation wells registered by year after January 1, 2002

NRD Name	2002	2003	2004	2005	2006
Lower Republican	296	85	125	23	12
Middle Republican	116	34	33	9	7
Tri-Basin	70	138	250	249	81
Upper Republican	12	12	24	7	4

Included in the number of irrigation wells registered for a five year period are replacement wells. Replacement wells are wells that replace the use of an older well that will no longer be used for irrigation.

NRD Name	2002	2003	2004	2005	2006
Lower Republican	16	23	34	13	12
Middle Republican	18	15	13	5	4
Tri-Basin	28	44	42	60	40
Upper Republican	11	11	16	5	3

Also included in the number of wells registered each year are older wells constructed prior to 1/1/2002 that were not registered until after 1/1/2002.

NRD Name	2002	2003	2004	2005	2006
Lower Republican	52	36	32	1	
Middle Republican	28	18	20	4	2
Tri-Basin	7	4	6	4	8
Upper Republican	4	3	9	2	1

Total NEW irrigation wells constructed and registered in each NRD after 1/1/2002. The moratorium on constructing new wells did not apply to the entire Tri-Basin and Lower Republican NRDS.

NRD Name	2002	2003	2004	2005	2006	
Lower Republican	219	26	60	9	0	
Middle Republican	72	1	0	0	1	2003-Twin Valley School Football Field =3 acres 2006-City of Indianola =3 acres
Tri-Basin	35	91	204	186	34	These wells are not necessarily in the Rep Basin
Upper Republican	0	0	0	0	0	

Total NEW irrigation wells located in the Moratorium area depicted in the Settlement, constructed and registered after 1/1/2002.

NRD Name	2002	2003	2004	2005	2006	
Lower Republican	215	4	1	0	0	The wells registered as new wells in 2003/2004 in face were replacement wells that had not abandoned within the required one year for them to be considered replacement wells, in both cases the original well was abandoned
Middle Republican	67	1	0	0	1	2003-Twin Valley School Football Field =3 acres 2006-City of Indianola =3 acres
Tri-Basin	0	0	0	0	0	
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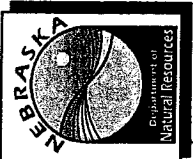
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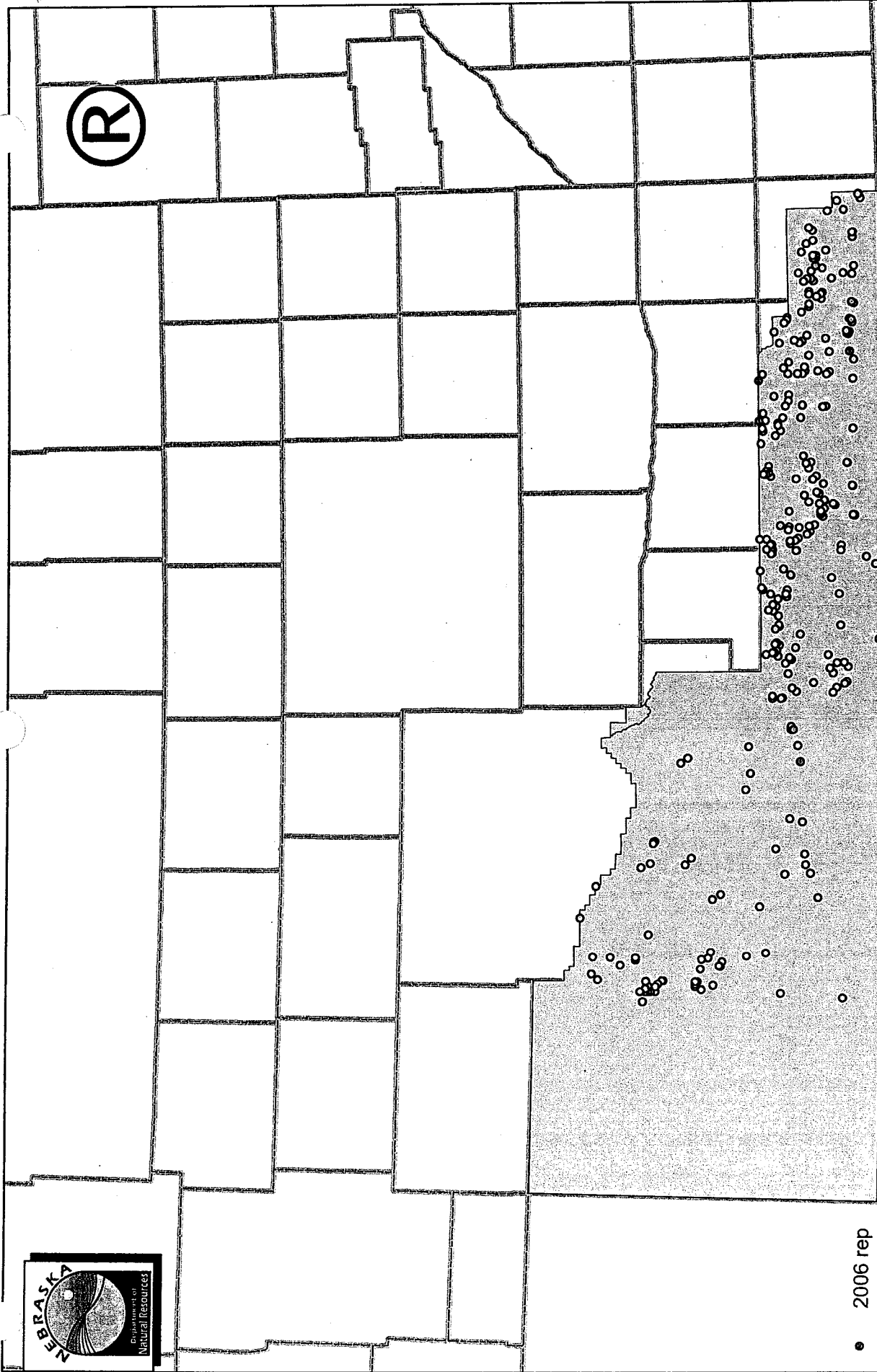
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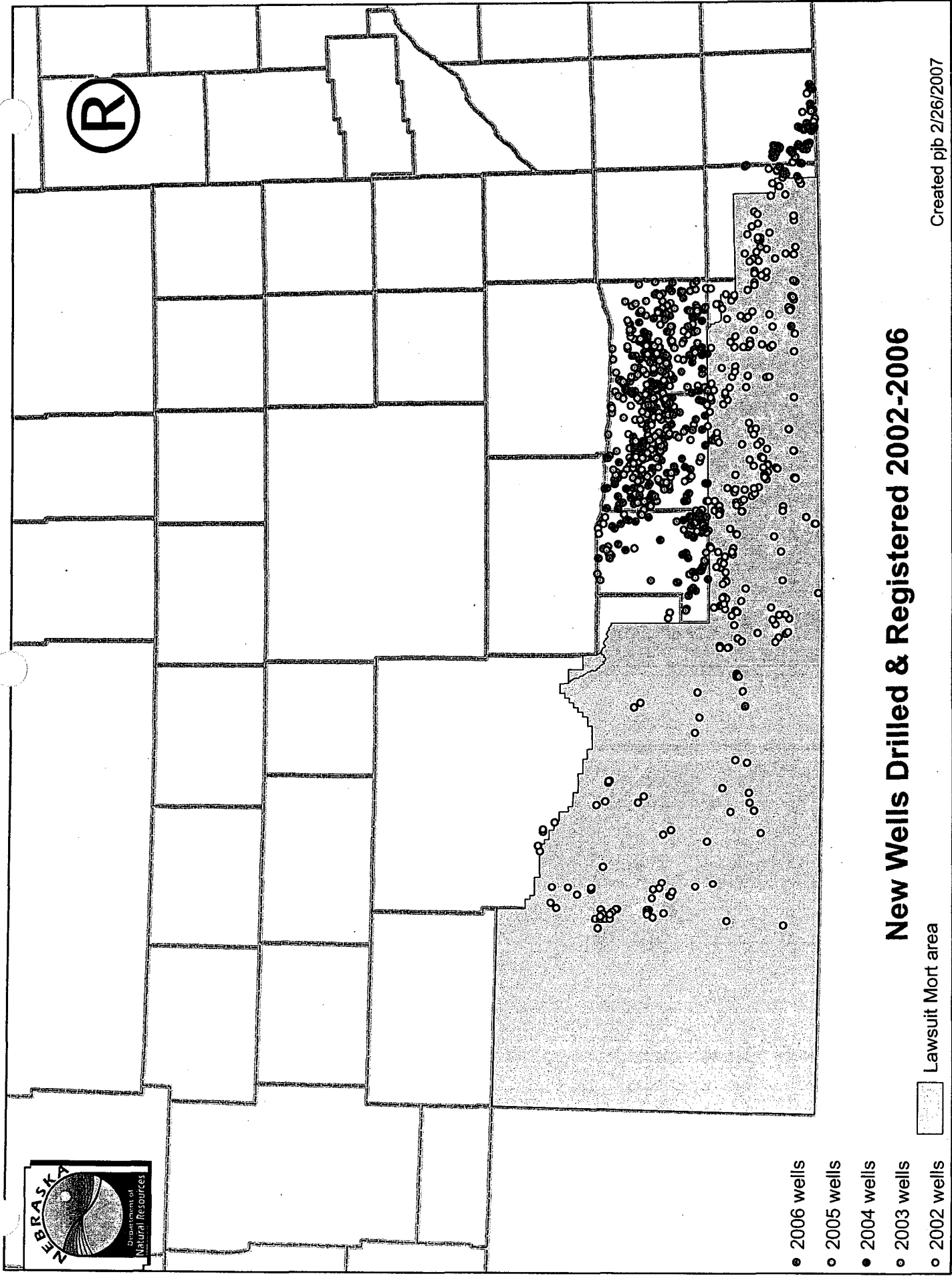


- 2006 rep
- 2004 rep
- 2003 rep
- 2002 rep

Lawsuit Mort area

## New Wells Drilled & Registered 2002-2006

Created pjb 2/26/2007



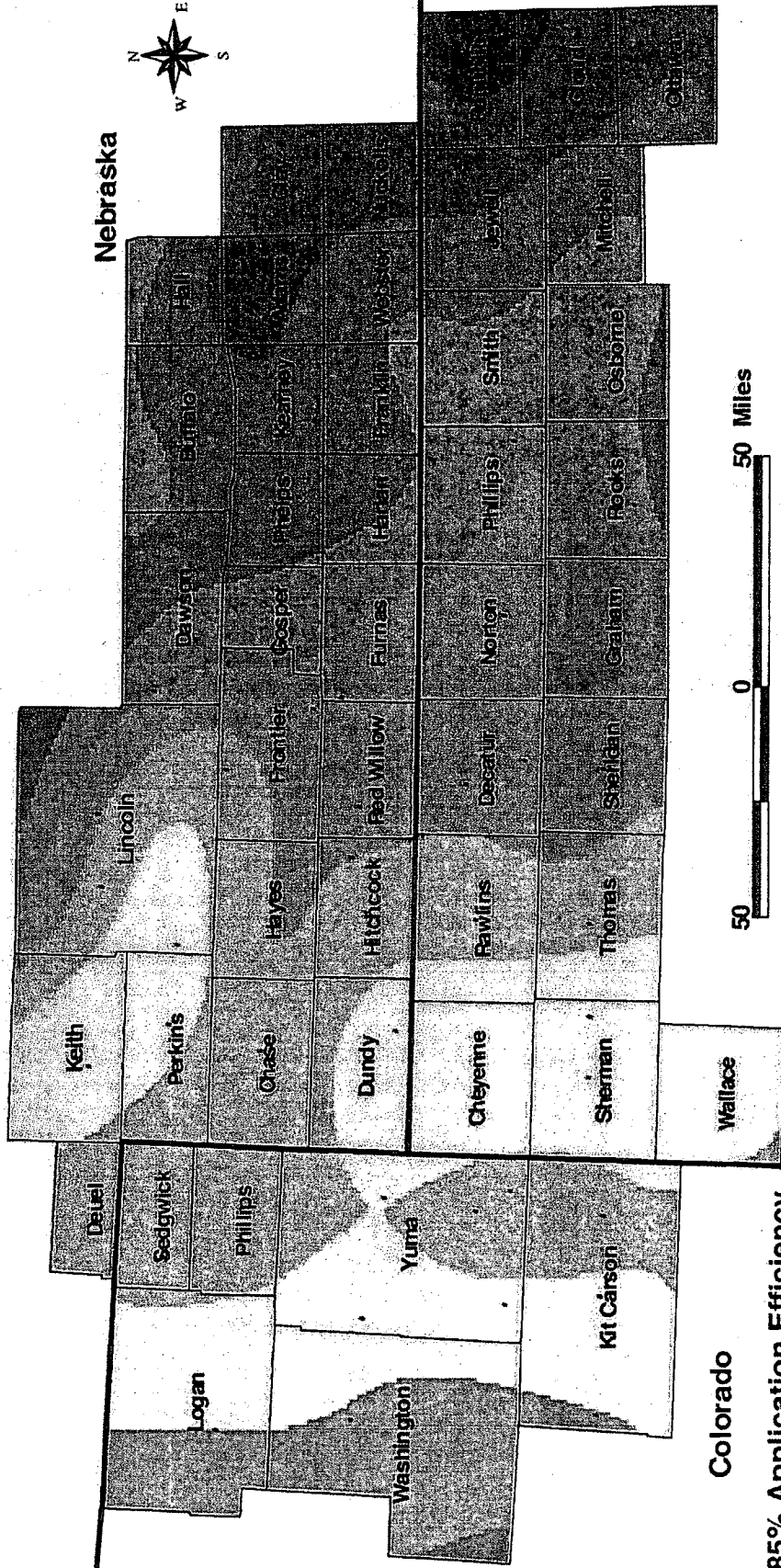
# New Wells Drilled & Registered 2002-2006

- 2006 wells
- 2005 wells
- 2004 wells
- 2003 wells
- 2002 wells

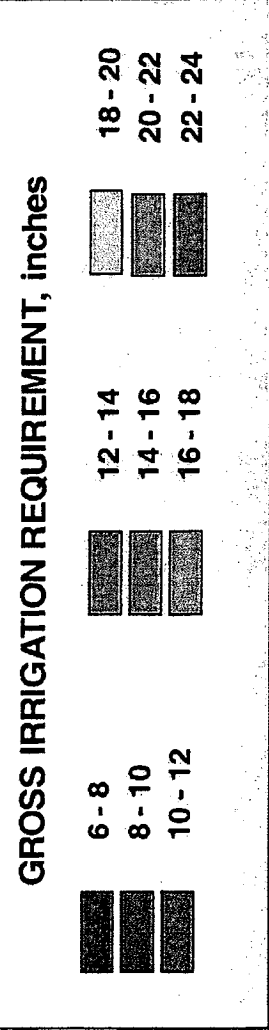
▨ Lawsuit Mort area

Created pjb 2/26/2007

Nebraska



Kansas

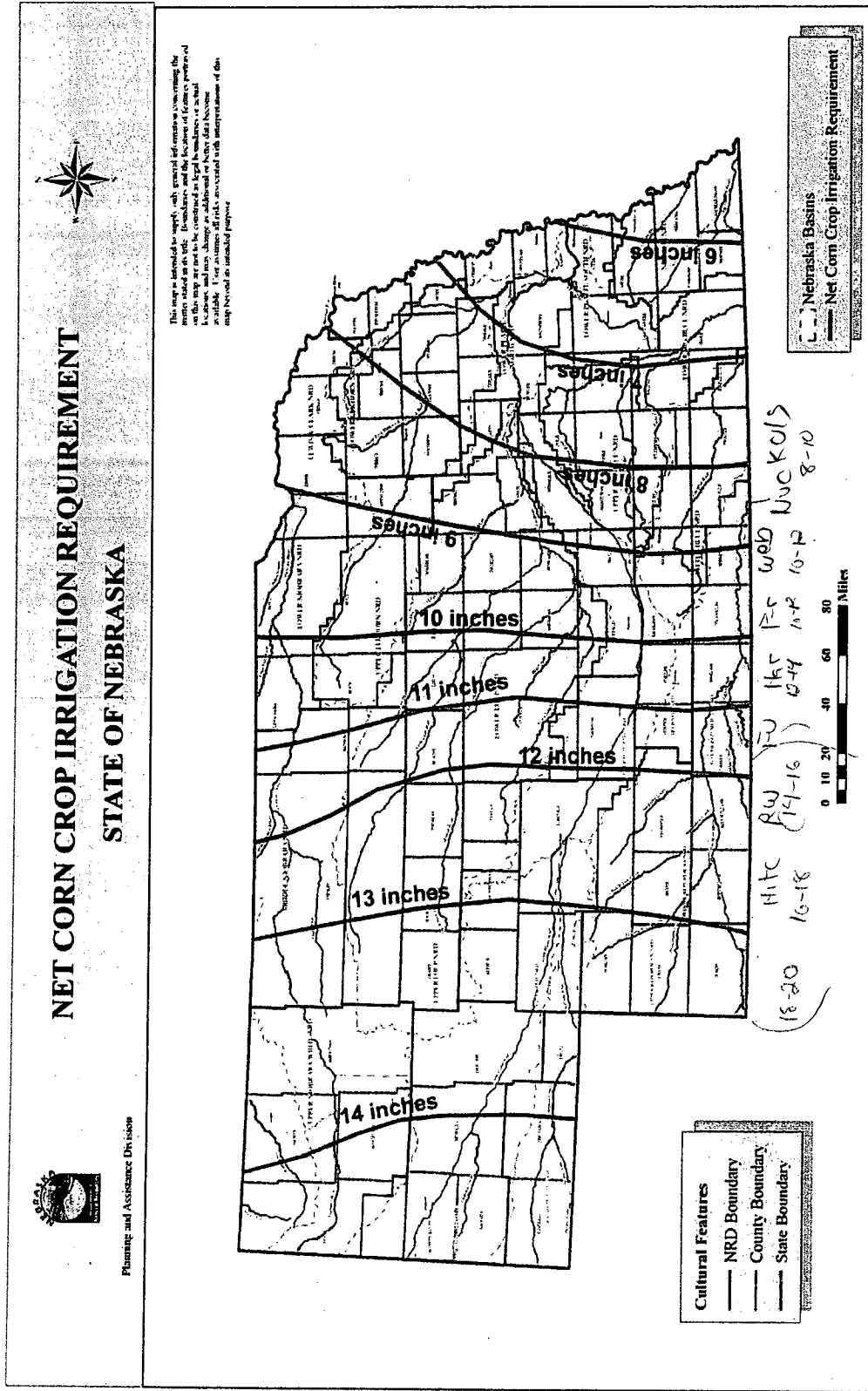


Colorado

85% Application Efficiency

COMPILED BY HEATHER SOIL

Figure 1. Net Corn Crop Irrigation Requirement.



**IRRIGATION WELLS REGISTERED  
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2002-2006**

\*In the numbers listed below, please note that the entire Tri-Basin NRD and Lower Republican are not part of the moratorium area as depicted in the settlement, thus some of the wells reported for the Tri-Basin NRD and Lower Republican would not be part of the Republican River Basin Settlement area. The Settlement was signed 12/15/2002. See attached maps.

The number of Irrigation wells registered for a five year period.

NrdName	2002	2003	2004	2005	2006
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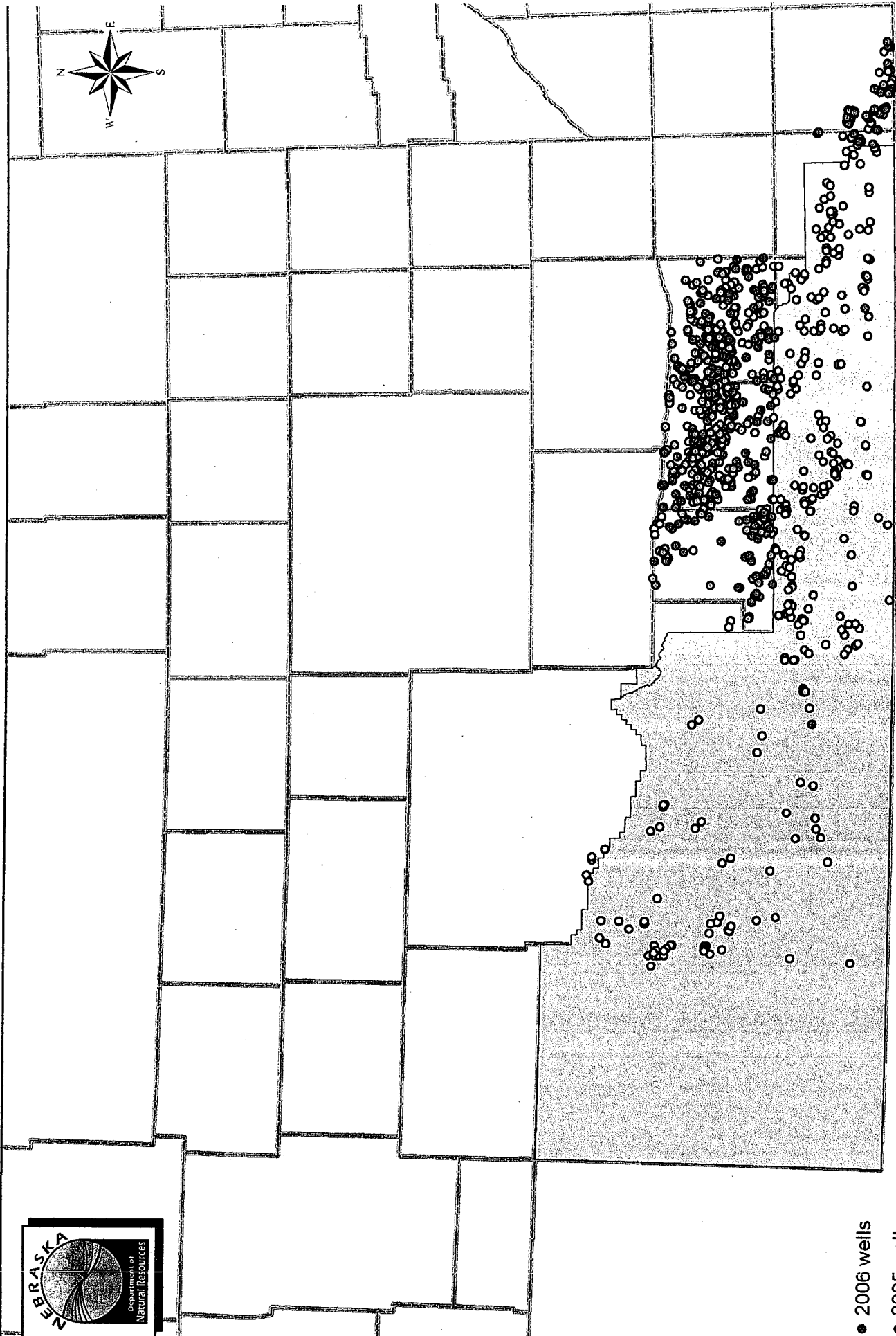
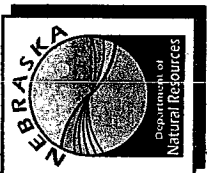
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2003-Twin Valley School Football Field =3 acres  
2006-City of Indianola =3 acres  
These wells are not necessarily in the Rep Basin

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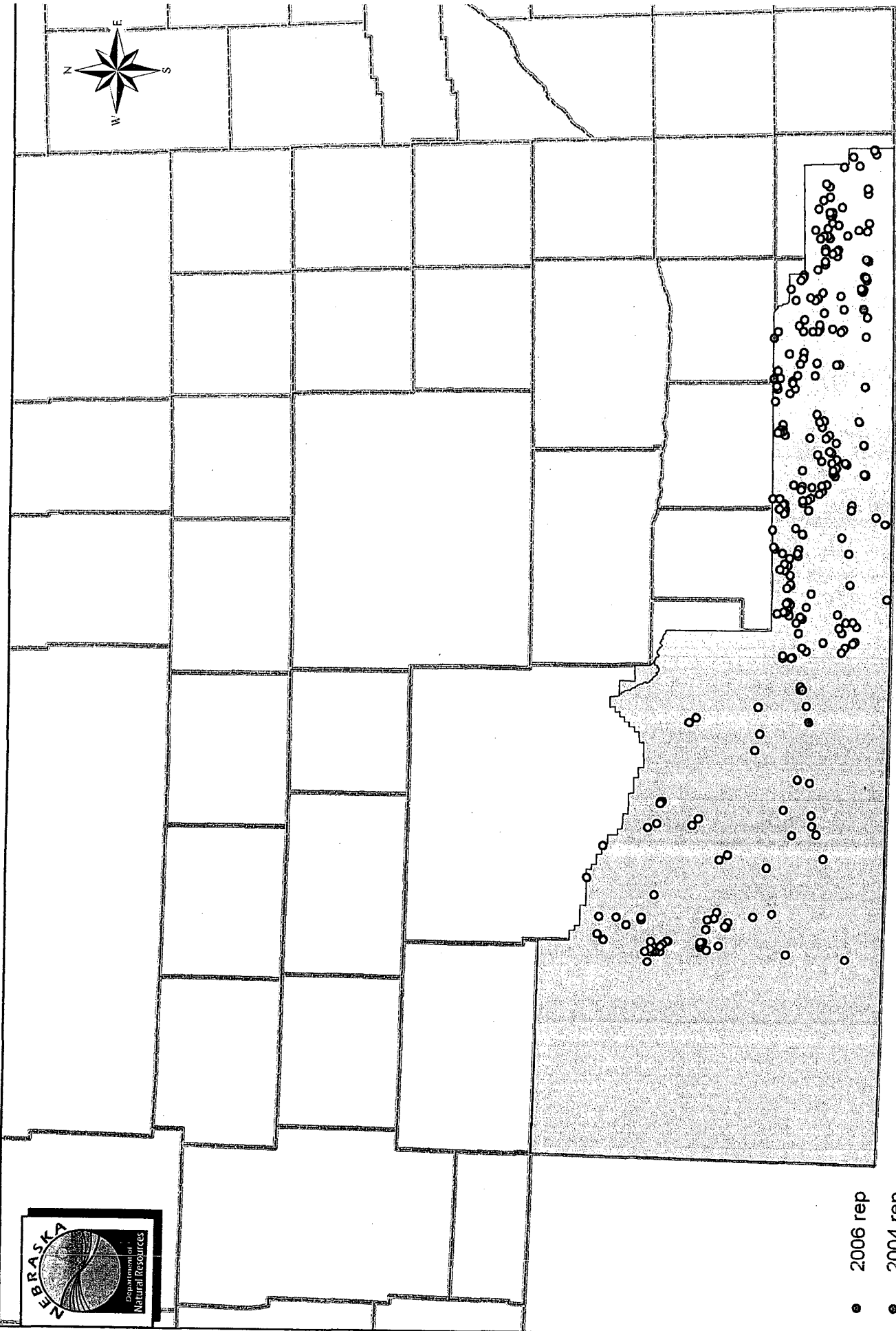
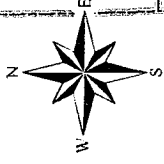
2003/2004 repl wells not abandoned within 1 year but since have been abandoned  
2003-Twin Valley School Football Field =3 acres  
2006-City of Indianola =3 acres



- 2006 wells
  - 2005 wells
  - 2004 wells
  - 2003 wells
  - 2002 wells
- Lawsuit Mort area

# New Wells Drilled & Registered 2002-2006





- 2006 rep
- 2004 rep
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