

Approved: 2-17-97
Date

MINUTES OF THE HOUSE COMMITTEE ON ENVIRONMENT.

The meeting was called to order by Chairperson Steve Lloyd at 3:30 p.m. on February 3, 1997 in Room 526-S of the Capitol.

All members were present except:

Committee staff present: Raney Gilliland, Legislative Research Department
Hank Avila, Legislative Research Department
Mary Torrence, Revisor of Statutes
Mary Ann Graham, Committee Secretary

Conferees appearing before the committee: Rep. Andrew Howell
Rep. Stanley Dreher
Kathy Brown-George, Chairman Endangered Species Task Force
Amelia McIntyre, Dept. Attorney, Wildlife and Parks
Thomas Day, Legislative Liaison, KS Corporation Commission
Maurice Korphage, Director of Conservation Division KCC
Timothy E. McKee, Chairman, KS Corporation Commission

Others attending: See attached list

Chairman Steve Lloyd opened the meeting at 3:30 p.m. He asked committee members if anyone was interested in a tire update. Several members indicated they were. The Chairman will arrange for a meeting with Bill Bider, Director of Bureau of Waste Management, Division of Environment, KDHE, to bring them up to date on this issue.

The Chairman welcomed Rep. Andrew Howell and Rep. Stanley Dreher to the committee, they explained a bill they were introducing on a moratorium on Prairie Spirit Park. Rep. Don Myers made a motion the bill be introduced, Rep. David Huff seconded. Motion passed.

Rep. Laura McClure introduced a bill on annual camping permits, she made a motion it be introduced, Rep. Marti Crow seconded. Motion passed.

Rep. Joann Freeborn introduced a bill to expand HOYOL permits. Rep. Freeborn made a motion it be introduced, Rep. Peggy Palmer seconded. Motion passed.

Chairman Steve Lloyd introduced a bill for Rep. Bruce Larkin, who was not present, a Water Shed bill, he made a motion it be introduced, Rep. Tom Sloan seconded. Motion passed. A second bill was introduced by Chairman Lloyd for Rep. Bruce Larkin, Civil fines for illegal levies and dikes. Rep. Tom Sloan made a motion it be introduced, Rep. Joann Freeborn seconded. Motion passed.

The Chairman welcomed Kathy Brown-George, Chairman endangered Species Task Force. Ms. Brown-George distributed a Report and Recommendations, (See Attachment 1) for the committee to review. She introduced a bill on Endangered Species Task Force. Rep. Joann Freeborn made a motion the bill be introduced, Rep. Laura McClure seconded. Motion passed.

The Chairman welcomed Amelia McIntyre, Department Attorney, Wildlife and Parks, to the committee. She had four bill introductions, the first, Boating under the influence; second, Crossbow hunting for turkey and elk; third, Deer permits for non-resident students and military; and fourth, Non-resident deer permits. Rep. Joann Freeborn made a motion the bills be introduced, Rep. David Huff seconded. Motion passed.

The Chairman welcomed Thomas Day, Legislative Liaison, Kansas Corporation Commission, to the committee. Mr. Day had two bill introductions, first, amend KSA Chapter 55 as necessary (transfer of

CONTINUATION SHEET

MINUTES OF THE HOUSE COMMITTEE ON ENVIRONMENT, Room 526-S Statehouse, at 3:30 p.m. on February 3, 1997.

operator responsibility mandatory, penalties and second, amend KSA 55-607 and 55-708 (making criminal penalties for violations of rules same for oil and gas). Rep. Tom Sloan made a motion they be introduced, Rep. Marti Crow seconded. Motion passed.

Chairman Lloyd welcomed Maurice Korphage, Director of Conservation Division, Kansas Corporation Commission. Mr. Korphage briefed the committee on oil and gas issues, abandoned wells, and remediation sites. He distributed an Abandoned Well and Site Remediation Fund status report, (See Attachment 2) which he reviewed. Two other status reports were distributed, Remediation Sites (See Attachment 3) and Abandoned Oil and Gas Wells. (See Attachment 4) Discussion and questions by the committee followed.

The Chairman thanked Mr. Korphage for his presentation and introduced Timothy E. McKee, Chairman of the Kansas Corporation Commission. Mr. McKee spoke briefly to the committee concerning the serious problem of abandoned oil and gas wells and what is being done to remedy the problem.

Two other members of the Kansas Corporation Commission staff, in the audience, were introduced, David J. Heinemann, General Counsel and Judith McConnell, Executive Director.

The meeting adjourned at 4:45 p.m.

The next meeting is scheduled for February 4, 1997

KANSAS NONGAME AND ENDANGERED SPECIES TASK FORCE

**AUTHORIZATION
SUBSTITUTE for SENATE BILL No. 473
of the
1996 KANSAS STATE LEGISLATURE**

**REPORT AND RECOMMENDATIONS
to the
1997 KANSAS STATE LEGISLATURE
SENATE COMMITTEE ON ENERGY AND NATURAL RESOURCES
HOUSE COMMITTEE ON THE ENVIRONMENT**

EXECUTIVE SUMMARY

*House Environment
2-3-97
Attachment 1*

KANSAS NONGAME AND ENDANGERED SPECIES TASK FORCE

BACKGROUND

During the 1996 Kansas Legislative Session both the Senate and House Energy and Natural Resources Committees received considerable input regarding concerns related to the Kansas Nongame and Endangered Species Conservation Act (covered statutorially in K.S.A. 32-957 through 963; 32-1009 through 1012; and 32-1033).

Actions related to these constituent concerns resulted in the passage of substitute Senate Bill No. 473, creating the Kansas Nongame and Endangered Species Advisory Task Force and describing its membership, powers and duties. The group was charged with reviewing the provisions of the existing act, giving particular attention to the practices and procedures involved in determining whether any species of wildlife indigenous to the state is a threatened or endangered species in this state, and forwarding recommendations emphasizing voluntary compliance to the Senate and House Committees. Designated membership covered a broad spectrum of constituent interest areas and included the following organizations:

- Kansas Nongame Wildlife Advisory Council
- Kansas Farm Bureau
- Kansas Assoc. for Conservation and Environmental Education
- Kansas Chapter of the American Fisheries Society
- Kansas Herpetological Society
- Kansas Chapter of the Wildlife Society
- Kansas Ornithological Society
- Kansas Livestock Association
- Kansas Audubon Council
- Kansas Assoc. of Conservation Districts
- Kansas Natural Resource Council
- Kansas Dept. of Wildlife and Parks
- Kansas Building Industry Assoc., Inc.
- State Assoc. of Kansas Watersheds
- U.S. Dept. of Agricultural Farm Service Agency
- Kansas Dept. of Wildlife and Parks Commission
- Private Land Owner

A list of individual task force members is available.

Prior to the first task force meeting, an informational letter provided by the acting task force chairman (the chairman of the Kansas Nongame Wildlife Advisory Council) went out to all designated organizations requesting representative information and descriptions of issues and concerns each wished to have addressed as part of the task force agenda. (Attachments D and E) These issues and concerns were compiled and reviewed at the first task force meeting and prioritized for consideration as follows:

1. Threatened and Endangered and Species in Need of Conservation listing procedures and mitigation actions.
2. Incentives for affected property owners.
3. Recovery and Conservation Plans taking into consideration the ecosystem approach to habitat management.
4. Funding.

The task force as a whole met a total of six times through-out the summer and fall of 1996 (July 26, September 5, October 2, October 23, November 12 and December 2). All meetings were conducted at the Capitol Building in Topeka, Kansas. Kathy Brown George (Kansas Nongame Wildlife Advisory Council) and Elmer Finck (Kansas Ornithological Society) were elected Chairman and Vice-Chairman respectively at the first meeting.

Backgrounding and informational presentations with question and answer sessions were presented by the U. S. Fish and Wildlife Service, the Kansas Department of Wildlife and Parks, the Kansas Biological Survey and several members of the task force.

Recommendations provided in this report were designed through a consensus process. They have been listed under one of two categories:

1. Recommendations/Kansas Department of Wildlife and Parks Policies and Procedures enacting the Kansas Nongame and Endangered Species Conservation Act.
2. Recommendations/Fiscal and Cooperative Incentives for enacting the Kansas Nongame and Endangered Species Conservation Act.

RECOMMENDATIONS

KANSAS DEPARTMENT OF WILDLIFE AND PARKS POLICIES AND PROCEDURES ENACTING THE KANSAS NONGAME AND ENDANGERED SPECIES CONSERVATION ACT

INTRODUCTION

In reviewing the existing policies and procedures, the task force gave serious consideration to constituent concerns that there was a lack of opportunity for public awareness and participation through-out the listing and management processes. Many of the recommendations in this section are based on existing legislation in other states, most notably the Wildlife Conservation Act of New Mexico which was created through a similar process and enacted by the New Mexico Legislature in June of 1995. Implications of the Federal Endangered Species Act were also a continuous consideration. These recommendations, if enacted, will not only place in regulation policies which have to date been loosely interpreted and randomly implemented, they will also provide a new and on-going role for the public through-out state actions.

The process of listing a species of wildlife as threatened and/or endangered (T&E) or as a species in need of conservation (SINC) is based on scientific research. The task force understands and accepts this process. The reasoning behind listing a species is two-fold: to protect the remaining population and to actively address the management of the species in such a way as to reduce the threat to the population and remove the species from the T&E or SINC list. This management/recovery process has historically received very low priority leading, unfortunately, to the public perception that "once on the list, always on the list" and that the state's goal is simply to keep adding to the list. To this end the task force recommends emphasizing the recovery plan implementation process as the missing piece to species conservation in Kansas.

The five year state listed species review is recommended to insure that the management and recovery process is continuous.

Kansas Department of Wildlife and Parks has an existing operational directive prescribing guidelines for law enforcement actions and permit requirements related to the state's T&E species under the Kansas Nongame and Endangered Species Act and applicable Kansas Administrative Regulations, based on determination of "intent". It is the recommendation of the task force that this directive be converted to regulation so that Kansas farmers and ranchers can be assured of a consistent interpretation of intentional take when addressing land treatment practices.

RECOMMENDATIONS

1. Amend K.S.A. 32-960(c)(2)(C) to read: conduct public informational meetings to coincide with the scientific review outside the agency which will recommend action with regard to the listing or de-listing of a species. All documents within the control and custody of the secretary which pertain to any such proposed listing shall be made available to the public in a local repository, such as a public library, courthouse, or regional office of the department. The secretary shall also mail a notice of the proposed listing to federal and state agencies, local and tribal governments that are or may be affected by results of the investigation, and individuals and organizations that have requested notification of department action regarding the administration of this act. The secretary shall also issue news releases to publicize the proposed listing.

2. THIS IS A NEW SECTION: After an affirmative decision has been made by the Kansas Department of Wildlife and Parks Commission to list a species, the secretary shall establish a volunteer local advisory committee. The committee shall be composed of members broadly representing the area affected by the proposed action, including, if appropriate, landowners and public officials, including representatives of state, local, and tribal governments. Additional representation shall be obtained from specialists for academic institutions, representatives of agribusiness or other trade organizations, state environmental and conservation organizations, and other interested organizations or individuals. To the maximum extent possible, the committee membership shall evenly balance the interests of all potentially affected groups and institutions. The committee shall work with the secretary to integrate the listing decision and the recovery plan into the social and economic conditions of the affected area and will disseminate information to the public about the scientific basis of the listing decision, the regulatory process, and incentives to landowners available pursuant to this act. The secretary shall consider data, views, and information provided by the committee in implementing a recovery plan.

3. THIS IS A NEW SECTION: On or before January 1, 1998, the secretary shall establish by rules and regulations procedures for developing and implementing recovery plans for all listed species. Such recovery plans shall also include species listed as species in need of conservation. The secretary shall prioritize the development of recovery plans based on a cumulative assessment of the scientific evidence available. Based on this priority ranking, the secretary shall develop and begin implementation of recovery plans for at least two listed species on or before January 1, 1999.

Note: Implementation of these pilot project recovery plans may ultimately require an appropriation from the legislature.

4. THIS IS A NEW SECTION: The secretary shall conduct a review every five years of the species listed in this act (except for those species listed pursuant to the federal act), and make recommendations to the commission whether any such listings should be changed. The secretary shall first submit any such recommendations to the scientific

review panel for consideration of the scientific evidence which affects any such recommendations.

5. THIS IS A NEW SECTION: The secretary shall establish by rules and regulations guidelines prescribed in the operational directive dated January 18, 1996 related to guidelines for law enforcement actions and permit requirements related to the state's threatened and endangered species under the Kansas Nongame and Endangered Species Conservation Act and applicable Kansas Administrative Regulations, based on determination of "intent" as it relates to normal farming and ranching land treatment practices.

RECOMMENDATIONS

FISCAL AND COOPERATIVE INCENTIVES FOR ENACTING THE KANSAS NONGAME AND ENDANGERED SPECIES CONSERVATION ACT

INTRODUCTION

As the task force reviewed the implementation of endangered species legislation in other states we found that well-placed incentive programs, when linked with increased public participation and sound management practices, served to greatly enhance the listing and management process. They also served as an avenue for early and continuous communication between the state agencies and the affected land owners.

Recommended incentives have been divided into two categories:

1. No-cost incentives.
2. Cost attached incentives.

Language for these recommendations is provided in concept rather than statutory form. It is believed that the no-cost incentives can be considered as eligible activities under the existing Kansas Nongame and Endangered Species Conservation Act. New sections describing each incentive and directing the secretary of the Kansas Department of Wildlife and Parks to establish procedures by rules and regulation will need to be composed. Terms used in these recommendations such as "critical habitat" and "incidental take" are defined in the existing statutes.

While this task force was created by legislation, it was determined that because no members of the legislature were serving on the task force, the legislative staffing services usually available for interim legislative committees could not be used by this group. Some clerical assistance was provided at legislative direction by the Kansas Department of Wildlife and Parks, however travel, research and reporting were largely a volunteer effort by members of the task force. It was the consensus of the task force members that, absent the skills required to write the actual legislation, both the no-cost and cost attached incentives would be best understood in this informational manner. Kansas Department of Wildlife and Parks staff are familiar with the no-cost incentive concepts and have the information necessary to create rules, regulations and guidelines.

It is further recommended by the task force that the Senate Energy and Natural Resources Committee and the House Environmental Committee place priority on the process of research and interaction with other necessary legislative committees to implement the proposed low-cost incentives. These have been proposed with a sunset review and a monetary cap recommendation.

RECOMMENDATIONS

NO-COST INCENTIVES:

1. Pre-listing Conservation Agreement

Description - An agreement between a private landowner and the Kansas Department of Wildlife and Parks (KDWP) about mutually agreed upon land management practices that work to insure species survival before a species is listed. Provisions of the agreement would carry through without penalties (termed a "no surprise" policy) even if the species is later listed. The task force recommends that guidelines include a review of landowner management practices every five years based on the land use practices in effect at the time of review.

Action - Authorization is believed to exist under current law. Direct the secretary of KDWP to establish procedure guidelines through the rules and regulations process.

2. Safe Harbor Agreement

Description - A landowner with endangered species' critical habitat on his/her land could be assessed a "baseline" population of the species (based on actual current occurrence). The landowner could then manage larger areas of land for the critical habitat with the understanding that if an increase in the population occurred, he/she could use the increase to meet the baseline obligation and be free to more flexibly manage and/or develop the land through the use currently available incidental take permits (over and above the baseline population). The task force would recommend that guidelines include a review of landowner management practices every five years based on the land use practices in effect at the time of review. Also recommended for guideline inclusion required notification to KDWP of a landowners intent to develop an area with a T&E or SINC species population, giving KDWP a set amount of time to relocate that population if they so desired. In addition, the task force encourages KDWP to consider these agreements as part of the management and recovery planning process for T&E and SINC species. While the task force understands that safe harbor agreements are not necessarily appropriate for all T&E and SINC species in all situations, their use is encouraged where such an agreement would yield a net benefit for the resource.

Action - Authorization is believed to exist under current law. Direct the secretary of KDWP to establish procedure guidelines through the rules and regulations process.

3. "No Take" Cooperative Agreement

Description - Such an agreement allows the landowner to take voluntary steps to manage for potential T&E or SINC species habitat with the understanding that such practices would not lead later to a charge of "taking" if a T&E or SINC species did indeed take up residence in the habitat but the landowner needed to change the land use. This can be utilized as a stand alone process or as part of the management and recovery planning process for T&E and SINC species. The "no surprise" policy is also a part of these agreements as with the pre-listing conservation agreements. The task force again

recommends that guidelines include a review of landowner management practices every five years based on the land use practices in effect at the time of review.

Action - Authorization is believed to exist under current law. Direct the secretary of KDWP to establish procedure guidelines through the rules and regulations process.

LOW-COST INCENTIVES:

In recognition of those Kansas landowners providing the stewardship, improvements and land management techniques necessary for the management and recovery of T&E and/or SINC species, the task force strongly encourages the passage and implementation of the following tax incentives. The task force recommends implementation of these low-cost incentives as an initial five-year pilot program with sunset and legislative review for continuation occurring in the fifth year.

Prequalification for either tax incentive is recommended to include at a minimum:

1. Certification that the land under consideration for the tax credit has been designated as "critical habitat" for a T&E and/or SINC species in the state of Kansas.

AND/OR

2. Certification that the land under consideration for the tax credit is part of a KDWP approved management or recovery plan for the benefit of a T&E and/or SINC species in the state of Kansas.

DESCRIPTIONS:

1. **State Income Tax Credit based upon total property taxes paid on qualifying land only.** Tax total is recommended to include taxes or assessments for irrigation, flood control, bank stabilization, watershed, ground management and drainage management districts. It is recommended that this credit be allowed on an annual basis as long as the land continued to meet prequalification requirements.

2. **State Income Tax Credit for actual landowner expenses involved in habitat management and/or improvement construction as specified in a KDWP approved T&E or SINC management or recovery plan.** The task force recommends that guidelines for this tax credit include discretionary authority for KDWP secretary to require a time-line for implementation of qualifying management techniques and for qualifying construction and maintenance of improvements. Further recommendations include the following options for landowner use of this tax credit:

- a. Total approved amount claimed through one-time tax credit only.
- b. Proportional claim in first year with carryover amount allowed for tax credit in subsequent taxing year or years.
- c. A one-time cash reimbursement in excess of claimed year tax liability.

FUNDING:

It is difficult to provide a fiscal impact to state tax revenue with this pilot program. It is by nature directly linked to the implementation and progress with the policy and procedure recommendations included within this report. Actual qualifying amounts will vary from landowner to landowner. The need for regulatory action to occur for implementation of management and recovery plans would initially limit use of the property tax equivalent credit to landowners with designated critical habitat. Since geographic areas designated as critical habitat are fairly specific in size, this would further limit initial impact of this credit on state tax revenues. Estimated qualifying acreage figures were not available for task force consideration but can be prepared by KDWP staff.

As with the property tax equivalent credit, use of the management and improvements cost credit is linked to the implementation of management and recovery plans. The task force is confident that with implementation of this package of recommendations and the subsequent increase in public awareness and participation, use of these well-deserved tax credits would grow exponentially with each progressive year. The task force therefore offers the following cap schedule for not-to-exceed fiscal impact on state income tax revenue from these two proposed tax credits. Combined dollar totals for accepted applications would not be allowed to exceed the designated caps for each of the five years of the pilot program. Review of the use and success of the tax credit incentives would occur as part of the sunset review process with approval for continuation including subsequent fiscal impact levels if desired.

COMBINED FISCAL IMPACT CAP FOR PILOT INCENTIVE PROGRAM*

- Year 1 = \$200,000
- Year 2 = \$300,000
- Year 3 = \$400,000
- Year 4 = \$500,000
- Year 5 = \$500,000

* Please note that these amounts reflect the carry-over potential of applications having an annual or extended eligibility as well as new eligible applications each subsequent year.

ACTION:

These tax incentives will require legislative action with subsequent direction to the secretary of KDWP to establish application and procedure guidelines by the rules and regulations process.

**KANSAS
NONGAME AND ENDANGERED SPECIES
CONSERVATION ACT**

FAST FACTS

**PRESENTED AS AN ATTACHMENT
TO
THE REPORT AND RECOMMENDATIONS
OF
THE KANSAS NONGAME AND ENDANGERED SPECIES LEGISLATIVE
TASK FORCE
JANUARY, 1997**

THE NONGAME & ENDANGERED SPECIES CONSERVATION ACT

REGULATORY IMPLICATIONS

- Pursuant to K.S.A. 32-960 and 32-963, Kansas Administrative Regulation 115-15-1, as amended, establishes state lists of endangered (24 each) and threatened (33 each) species of wildlife occurring within the State of Kansas.
- Pursuant to K.S.A. 32-963, Kansas Administrative Regulation 115-15-3 provides for special permits for certain development projects impacting critical habitats for state-listed threatened or endangered species.
 - * Activities covered by KDWP permitting authority must be publicly funded or assisted, or be subject to some other state or federal permit.
 - * KDWP reviews of federally funded, assisted, and permitted projects are initiated through such federal legislation/regulations associated with the National Environmental Policy Act, Federal Water Pollution Control Act, Federal Insecticide, Fungicide, and Rodenticide Act, Fish and Wildlife Coordination Act, and Endangered Species Act.
 - * KDWP reviews of applicable state/federal funded/assisted highway projects are initiated through a cooperative interagency agreement with KDOT.
 - * KDWP reviews of state funded/permitted water projects are initiated through the Water Projects Environmental Coordination Act (K.S.A. 82a-325). This act is administered by the Division of Water Resources of the Kansas Dept. of Agriculture. KDWP is one of seven agencies reviewing such state permitted water projects as levees, floodway fringe fills, watershed district general plans, stream obstructions, channel modifications, impoundments, and other projects covered by K.S.A. 82a-301 et seq.
 - * Activities which do not meet the public funding or state/federal permitting criteria and are otherwise lawful, are not covered by K.A.R. 115-15-3 or any other regulations protecting threatened or endangered species. Lawful activities carried out by private landowners or developers, such as housing or business construction and normal farming and ranching practices are not subject to current T/E protection regulations even if those activities result in an incidental taking of a listed species.

KANSAS DEPARTMENT OF WILDLIFE AND PARKS

GENERAL PROJECT REVIEW AND T/E PERMIT SUMMARY

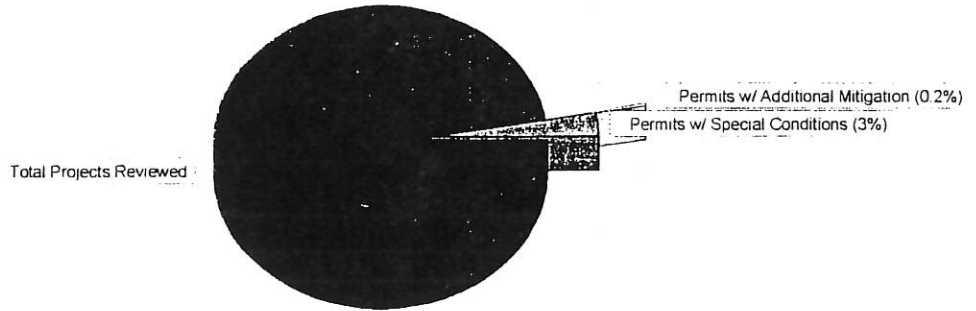
Projects reviewed from January 1, 1989 to August 30, 1996	=	6,379
Threatened and Endangered Species permits required	=	201 (3.2%)
Level 3 conditions (requires the purchase of additional lands or waters)	=	15 (0.2%)
Average response time for general project reviews	=	24 calendar days
Average response time for T/E permit issuance (time from receiving a complete application)	=	18 calendar days

Lawful activities financed with private funds on private lands, such as those activities associated with housing and business construction and normal farming and ranching practices, and including government cost-shared routine agricultural land treatment measures, are not reviewed for permit requirements, unless such a practice requires another state or federal permit, unless it involves an intentional taking.

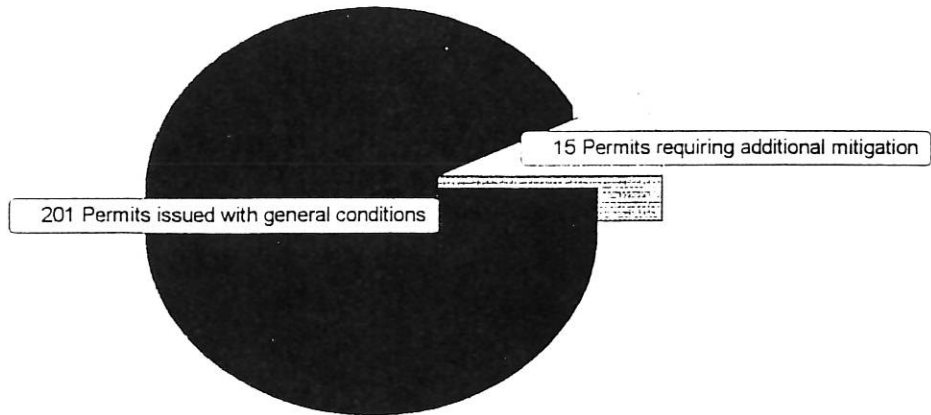
"Take" is defined for this context by K.S.A. 32-702(t) to mean "harass, harm, pursue, shoot, wound, kill, molest, trap, capture, collect, catch, possess or otherwise take or attempt to engage in any such conduct." Intentional taking is that conduct which is purposeful and willful, not accidental, as defined in K.S.A. 21-3201. In cases of unintentional taking of T/E species documented by the department, the incident will be reported in writing to the ESS chief. Department staff will respond with consultation, education and permitting action where applicable. No law enforcement action will be undertaken in such circumstances.

1989 - 1996 Projects Reviewed

% of Conditioned Permits Issued

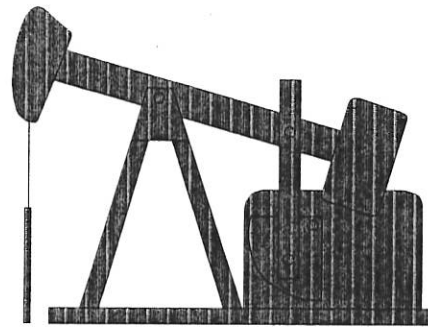


T/E Permits Issued from 1989 - 1996



Abandoned Well and Site Remediation Fund
Status Report
To
The 1997 Legislative Session

Kansas Corporation Commission
Conservation Division



House Environment
2-3-97
Attachment 2

Abandoned Well / Site Remediation Fund

Origin and Purpose of the Fund

- ▶ **The fund was created during the 1996 Legislative Session with the passage of House Substitute for S.B 755.**
- ▶ **The purpose of the Fund is to provide additional funding to the Kansas Corporation Commission, Conservation Division with which to address the problem of both abandoned oil and gas wells and oil and gas related contamination / remediation sites.**



Abandoned Well / Site Remediation Fund

Funding Sources

- ▶ **Funding to this abandoned well plugging and site remediation program is provided through four funding sources.**
 - Increased assessments on crude oil and natural gas production through the Conservation Fee Fund: \$400,000/year
 - General Fund monies: \$400,000/year
 - 50% of monies received by the state through the Federal mineral leasing program: Currently estimated at \$400,000 (+)/year
 - State Water Plan monies in the amount of \$400,000/year

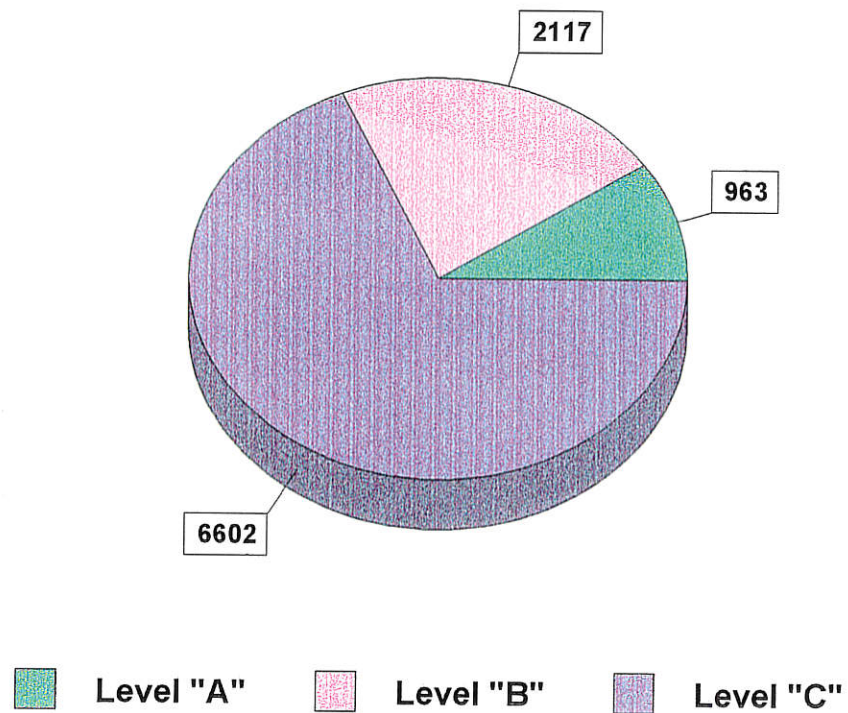
Abandoned Well / Site Remediation Fund

Status of the Abandoned Well Inventory

- ▶ The Kansas Corporation Commission abandoned well inventory currently contains 10,310 documented and verified wells. Of this total 9,704 wells are listed in the Priority I inventory. This represents a net increase in the total inventory of 1,063 wells over that reported in March of 1996.
- ▶ Wells listed in the Priority I inventory are further subdivided into action levels A, B, & C with level "A" wells being the most serious in terms of environmental or public health / safety hazard. An analysis of the data by action level indicates the following distribution: Level A = 963 (9.9%), Level B = 2,107 (21.7%), and Level C = 6,634 (68.4%)

Abandoned Well / Site Remediation Fund

Priority I Inventory Wells By Action Level



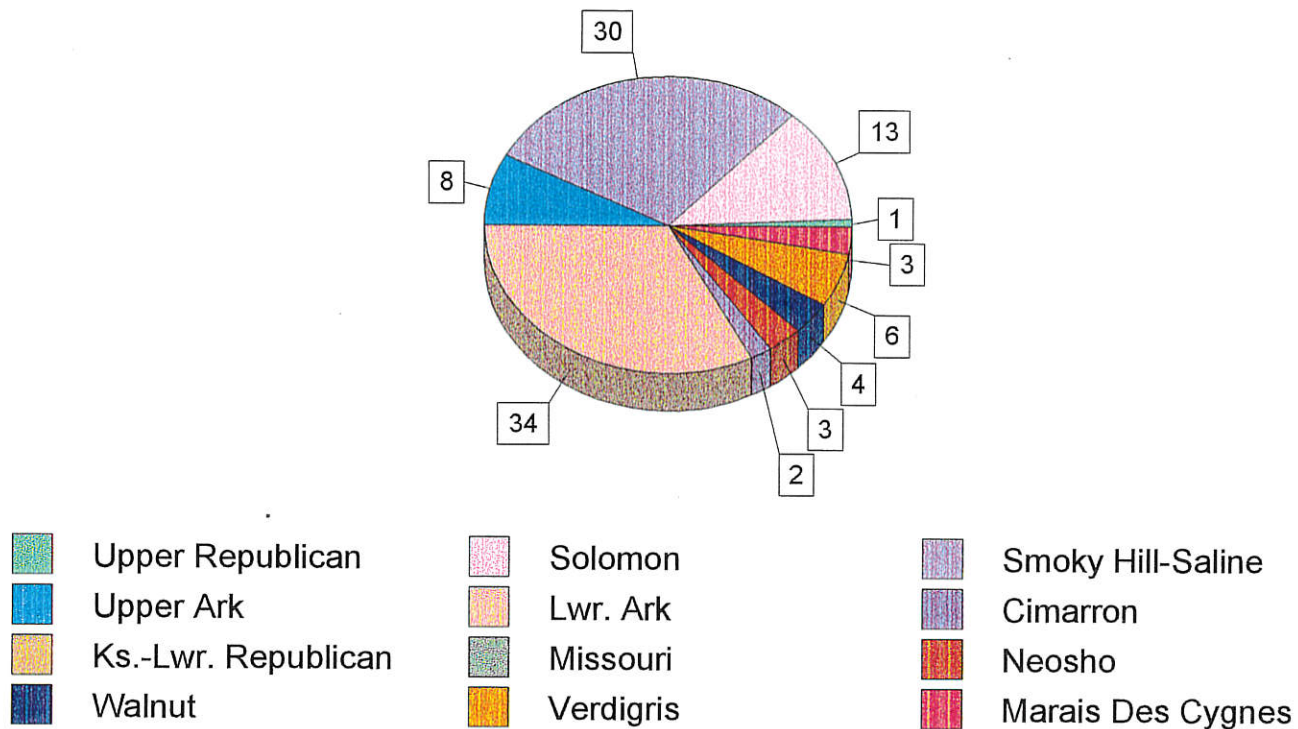
Abandoned Well / Site Remediation Fund

Status of Site Remediation Inventory

- ▶ **Sites listed in the site remediation inventory consists of 17 sites transferred to the control of the Kansas Corporation Commission from the Kansas Department of Health and Environment by legislative action in 1995 and 92 sites already under KCC control. During the evaluation period July 1, 1996 through December 31, 1996, four of the original KCC sites were combined with associated sites and one site was resolved. The total site inventory at this time consists of 104 active sites.**

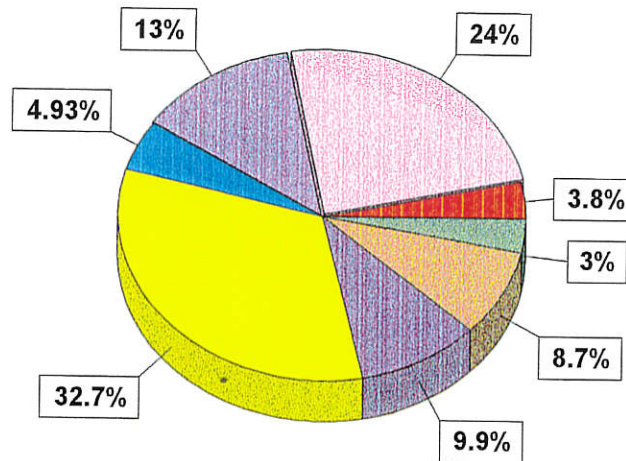
Abandoned Well / Site Remediation Fund

Contamination Site Location by River Basin



Abandoned Well / Site Remediation Fund

Site Distribution with Respect to Affected Resources



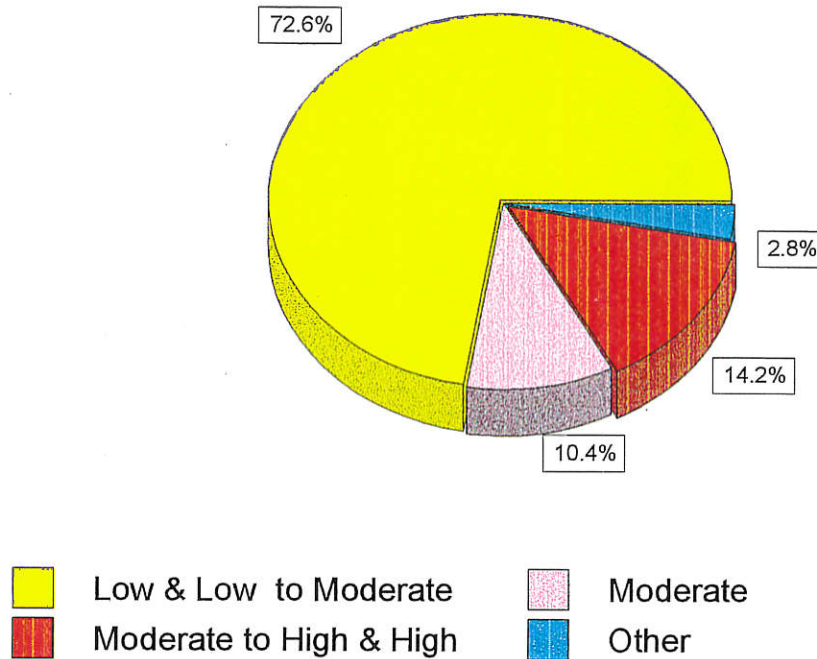
Public Water Supply
Irrigation Supply
Soil / Surface

Domestic Supply
Groundwater
Other

Stock Supply
Surface Water

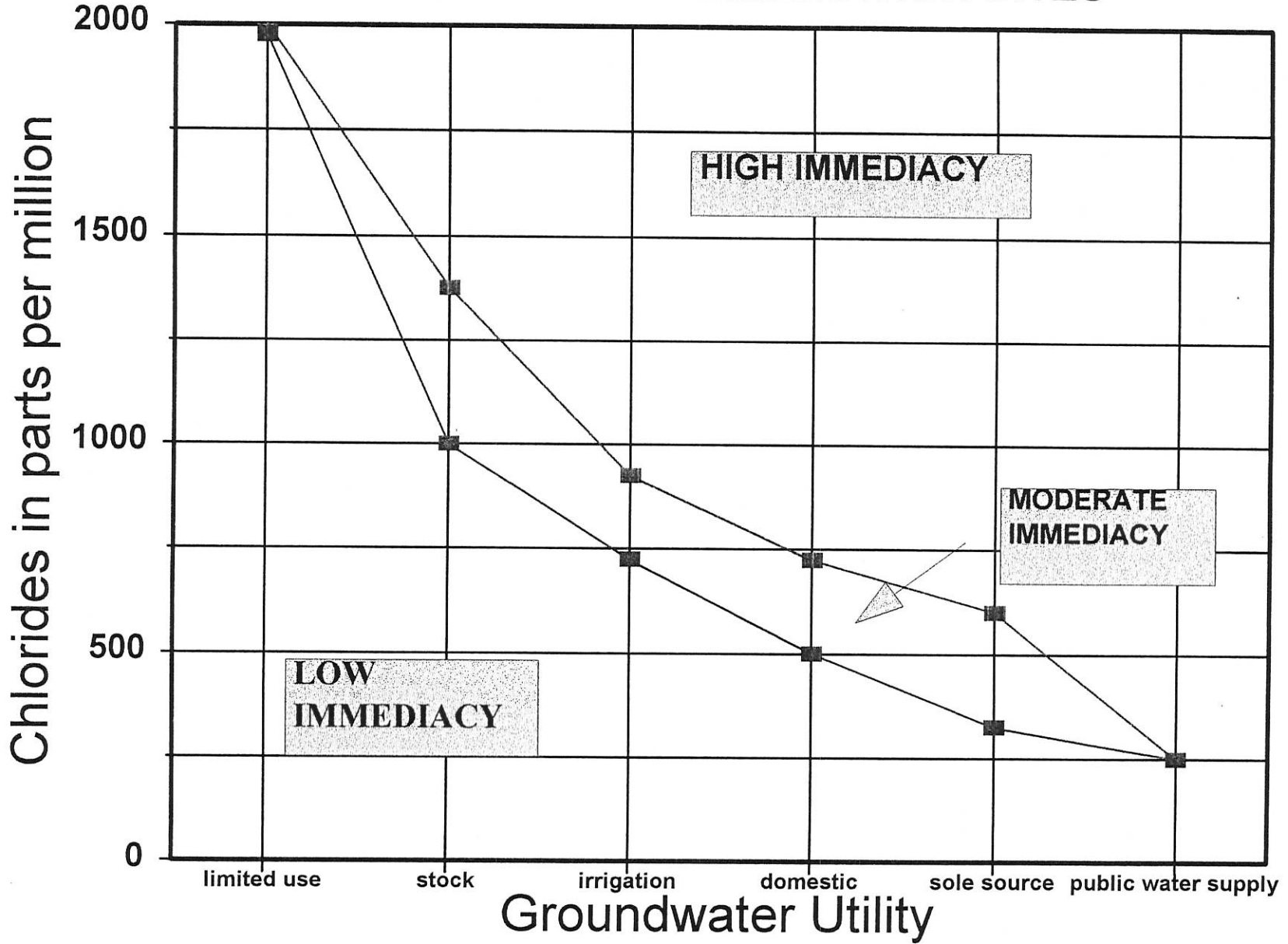
Abandoned Well / Site Remediation Fund

Site Distribution with Respect to Immediacy of Affected Resource



2-9

CLASSIFICATION OF REMEDIATION SITES



2-10

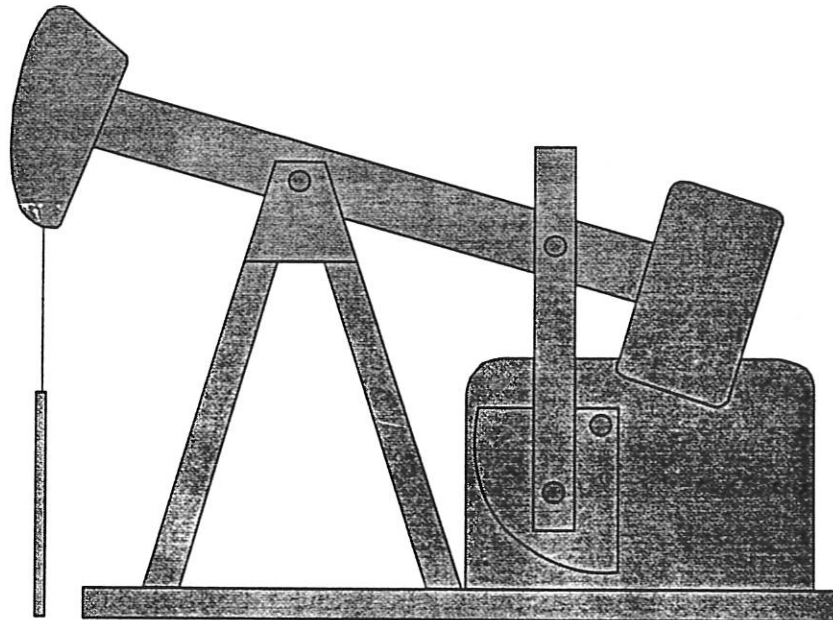
Abandoned Well / Site Remediation Fund

District Recommendations For Priority Sites

Priority Site	KCC District	Immedi. Level	River Basin	County
Harbaugh	1	High	Lower Ark.	Barber
Packard	1	High	Lower Ark.	Barber
Wildboys	1	Moderate-High	Lower Ark.	Barber
Burrton	2	High	Lower Ark.	Harvey / Reno
Hollow Nikkel	2	Moderate	Lower Ark.	Harvey
South Wichita	2	Moderate-Low	Lower Ark.	Sedgwick
Eastman	3	Moderate	Verdigris	Montgomery
LeRoy	3	Low	Neosho	Coffey
Browning	3	Low	Verdigris	Greenwood
Codell	4	Moderate-High	Smoky Hill-Saline	Rooks
Russell RWD-1	4	Moderate-High	Smoky Hill-Saline	Russell
Elm Creek	4	Moderate-High	Solomon	Rooks

**KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION**

**REMEDIATION SITES
STATUS REPORT**



JANUARY 13, 1997

REF: ABANDONED OIL AND GAS WELL / REMEDIATION SITE FUND

*House Environment
2-3-97
Attachment 3*

**Abandoned Oil and Gas Well / Remediation Site Fund
Remediation Sites
Status Report**

Introduction

During the 1996 legislative session House Substitute for Senate Bill 755 was passed. A part of this legislation created an Abandoned Oil and Gas Well / Remediation Fund the expressed purpose of which was to provide funding to the Kansas Corporation Commission with which to both plug abandoned wells and remediate contamination sites related to oil and gas activities. The legislation requires that the Kansas Corporation Commission prepare an annual Remediation Site Status Report for the office of the Governor and certain legislative committees. This first such report for the period July 1, 1996 through December 31, 1996 is a baseline report and contains information for each of the sites with regard to the following: (1) A description and evaluation of the site; (2) the immediacy of the threat to public health and environment from the site; (3) the level of remediation sought; (4) any unusual problems associated with the investigation or remediation of the site; (5) an estimate of the cost to achieve the recommended level of remediation or an estimate of the cost to conduct an investigation sufficient to determine the cost of remediation. Subsequent annual reports will also include the nature of remedial work performed at each site and the direct and indirect costs associated with that effort.

Site Inventory

The inventory of sites listed in the Remediation Site Status Report consists of 17 sites transferred to the control of the Kansas Corporation Commission (KCC) from the Kansas Department of Health and Environment (KDHE) by legislative action in 1995 and 92 in-house sites already under KCC control. During this evaluation period, July 1, 1996 through December 31, 1996, four of the in-house KCC sites were combined with other associated sites and one site was resolved thereby resulting in a total of 104 active sites. For ease in review the sites are divided into two sections: Section A which includes those sites transferred to the KCC from KDHE and Section B which contains those in-house existing KCC sites. Generalized location plats and summary tables for site impacts and immediacy levels as well as estimated costs are found at the beginning of each Section. The tables below provide an overview of distribution of sites with respect to both resources impacted and the range of immediacy levels for required remediation.

Distribution of Sites with Respect to Impacted Resources

Impacted Resources	Transferred Sites	In-House KCC Sites	Total
Public Water Supply	1	5	6
Domestic Supply	10	29	39
Stock Supply	2	19	21
Irrigation Supply	6	2	8
Other	2	37	39

* Some sites have impacts to multiple resources

Distribution of Sites with Respect to Immediacy Levels

Range of Immediacy Level	Transferred Sites	In-House KCC Sites	Total
Low & Low to Moderate	12	66	78
Moderate	2	8	10
Moderate to High & High	3	10	13
Other	0	3	3
Total	17	87	104

Conclusions

This report provides all available information as to the nature, source, extent, and impact of contamination to the water resources of the state by oil and gas exploration and production activities. Such a baseline study is critical to the continued development of additional investigatory site assessment studies, the formation of priority strategies, and ultimately the design and implementation of effective remedial measures for each of the sites contained within this report.

The Conservation Division of the Kansas Corporation Commission is committed to working with the oil and gas industry of the state, as well as other resource stakeholders within government and the public in general to provide a scientifically sound and technically based remediation program.

Section A
Transferred Sites

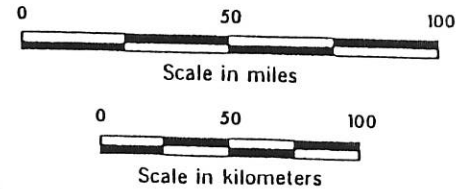
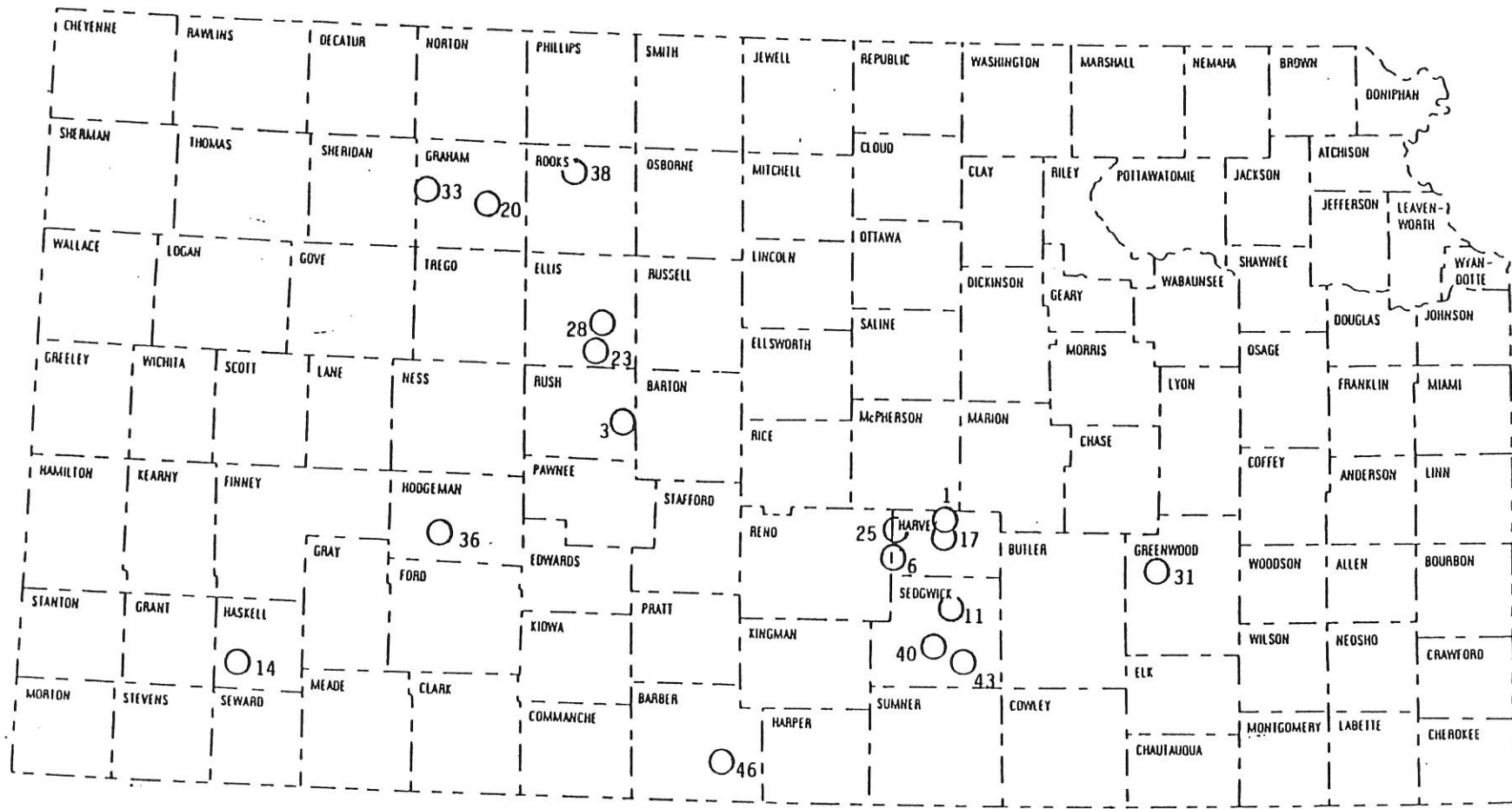


Fig. 1 - Site Locations, Section A - Transferred Sites
(Report Page Number)

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**Impacts, Immediacy and Target Remediation Levels
For
Contamination Sites Transferred to the Kansas Corporation Commission**

Site Name	County	KCC District	Impact	Immediacy	Target Level Of Remediation	Unusual Problems	Estimated Total Cost
Alta Mills	Harvey	2	Domestic	Low	500 to 750 ppm	Yes	\$ 20,500
Avey, Gene	Rush	1	Domestic	Low	350 ppm	No	\$ 4,500
Burrton	Harvey/Reno	2	Domestic / Irrigation	High	Variable	Yes	\$3,000,000(?)
Catron, James	Sedgwick	2	Domestic / Irrigation	Moderate	250 to 400 ppm	Yes	\$ 20,000
Clawson(Mesa)	Haskell	1	Irrigation	Mod-High	350 ppm	Yes	0
Dettweiler	Harvey	2	Domestic / Irrigation	Low	500 to 750 ppm	Yes	\$ 13,500
Fink, Leon	Graham	4	Stock Well	Low	500 ppm	Yes	\$ 2,500
Gross, Marcellus	Ellis	4	Groundwater	Low-Mod	500 ppm	No	\$ 25,000
Hollow-Nikkel	Harvey	2	Domestic / Irrigation	Moderate	500 ppm	Yes	\$ 77,250
Lang, Doris	Ellis	4	Domestic(Sole Source)	Mod-High	250 ppm	No	\$ 2,000
Otis Creek Basin	Greenwood	3	GW / SW / Soil	Low	500 ppm	No	\$ 600
Richmeier, Paxson, Toll	Graham	4	GW / SW / Irrigation	Low	500 ppm	Yes	\$ 1,500
Schraeder Stock Well	Hodgeman	1	GW / Stock Well	Low	350 ppm	No	\$ 223,000
Schruben-Rogers	Rooks	4	Domestic(Sole Source)	Low	250 ppm	No	\$ 1,500
Schulte Field	Sedgwick	2	Domestic / Industrial	Low	500 ppm	Yes	\$ 615,000
South Wichita (Blood Orchard)	Sedgwick	2	Domestic / Irrigation	Mod-Low	500 to 750 ppm	Yes	\$ 133,000(+)
Wildboy's	Barber	1	GW / SW / PWSW	Mod-High	500 ppm	No	<u>\$ 225,790</u>
Total Estimated Cost							\$4,365,640

GW=Groundwater SW=Surface Water PWSW=Public Water Supply Well Mod=Moderate

Section B
In-House Sites

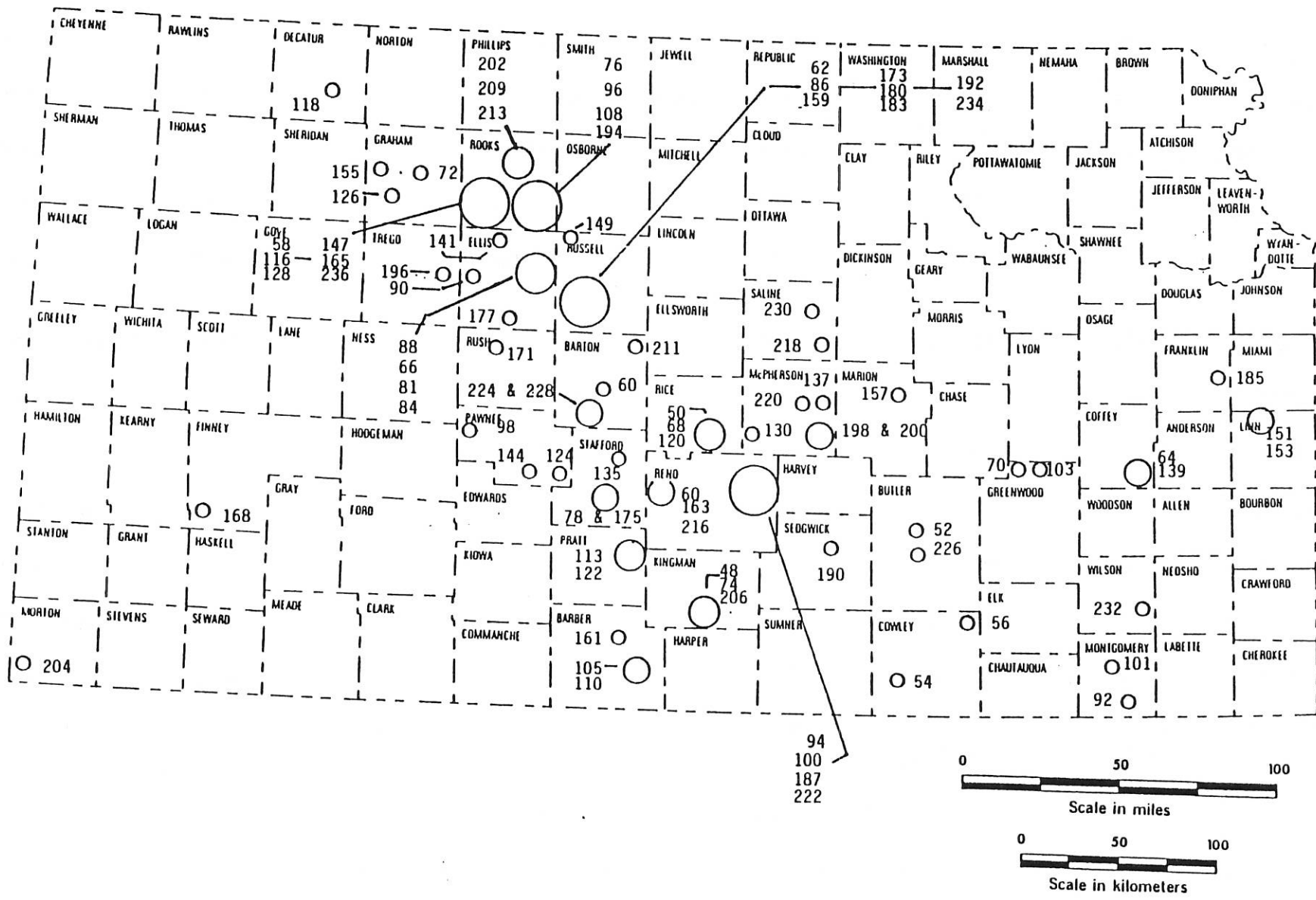


Fig. 2 - Site Locations, Section B - KCC In-House Sites
(Report Page Number)

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**Impacts, Immediacy and Target Remediation Levels
For
Kansas Corporation Commission In-House Contamination Sites**

Site Name	County	KCC District	Impact	Immediacy	Target Level Of Remediation	Unusual Problems	Estimated Total Cost
Aldrich	Kingman	2	GW / SW	Moderate	500-750 ppm	Yes	\$ 7,500
American Salt	Rice	2	Domestic	Low	500 ppm	Yes	\$ 7,500
Amons	Butler	2	Domestic	Low	500 ppm	Yes	\$ 25,500(+)
Arkansas River	Cowley	2	Wells / SW/ GW	Mod-High	0 ppm	Yes	\$182,855
Asbury	Cowley	2	Domestic	Low	500 ppm	Yes	\$ 7,500
Balthazor	Graham	4	Domestic(Sole Source)	Mod-High	250 ppm	Yes	\$ 39,000(+)
Barton County Cl- (Great Bend)	Barton	4	Groundwater/ABDW	Low	Reached	Yes	N/A
Batt	Russell	4	Domestic	Low	500 ppm	No	\$ 51,000
Beard and Meats	Coffey	3	GW / Soil	Low	500 ppm	No	\$ 200(yr)
Blake	Russell	4	DM(SS)	Moderate	Combined with Russel RWD #1		
Braun	Ellis	4	Groundwater / Stock Well	Low	500 ppm	Yes	\$ 21,500
Brothers	Rice	2	Groundwater	Low	500 ppm	Yes	\$ 31,500

Site Name	County	KCC District	Impact	Immediacy	Target Level Of Remediation	Unusual Problems	Estimated Total Cost
Browning	Greenwood	3	GW / SW	Low	150 ppm	Yes	\$ 10,340
Buckner	Graham	4	Groundwater / Stock Well	Low	500 ppm	Yes	\$ 500
Cessna	Kingman	2	GW / SW	Low	500-750 ppm	Yes	\$ 15,000
Codell	Rooks	4	Public Water Supply	Mod-High	250 ppm	Yes	\$ 44,250
Curtis	Stafford	1	Groundwater	Low-Mod	500-1000 ppm	Yes	\$ 30,500
Dinkel	Ellis	4	GW / Domestic (SS)	Moderate	250 ppm	Yes	\$ 33,000
Dinkel/Sanders	Ellis	4	Groundwater / Domestic	Low	250 ppm	Yes	\$ 250
Dortland, E	Russell	4	GW / STK / SW	Low	500 ppm	Yes	\$ 90,500
Dortland, H	Ellis	4	Stock Well	Low	500 ppm	Yes	\$ 500
Dorzweiler	Ellis	4	Domestic(Sole Source)	Low	Reached	No	N/A
Dumler	Russell	4	IR(DM)	Moderate	Combined with Russell City		
Eastman	Montgomery	3	Surface Water	Moderate	N/A - Oil	Yes	\$100,100
EB-3C	Reno	2	Groundwater	Low	16 ppb	Yes	\$ 20,000
Elm Creek	Rooks	4	Domestic / Stock Well	Mod-High	500 ppm	Yes	\$301,000
Enoch-Thompson	Pawnee	1	Stock Well	UR	500 ppm	Yes	\$ 10,500

Site Name	County	KCC District	Impact	Immediacy	Target Level Of Remediation	Unusual Problems	Estimated Total Cost
Evans	Reno	2	Groundwater	High	Combined with Burrton Site		
Fowler	Montgomery	3	Soil	Low	300 ppm	No	\$ 4,500
Goering	Reno	2	Groundwater	High	Combined with Burrton Site		
Greenwood	Greenwood	3	GW / SW / Soil	Low	500 ppm	No	\$ 340(yr)
Harbaugh	Barber	1	Domestic / Stock Well	High	1000 ppm	Yes	\$295,790
Houser	Rooks	4	Domestic (Sole Source)	Low	500 ppm	No	\$ 1,000
Hrencher	Barber	1	GW/ Stock Well / Soil	Mod-High	1000 ppm	No	\$150,500
Hullman	Pratt	1	Groundwater / Soil	Mod-High	500 ppm	Yes	\$ 10,350
Irey - Hrabe	Rooks	4	Groundwater	Low	250 ppm	Yes	\$ 2,250
Jennings	Decatur	4	Groundwater / PWSW	Low-Mod	500 ppm	No	\$ 100
Johnson, C	Rice	2	GW / SD	Moderate	750 ppm	Yes	\$ 50,200
Johnson, R	Pratt	1	Groundwater	Low	500 ppm	No	\$ 500
Katz	Pawnee	1	Soil	Low	Reached	No	N/A
Keith	Graham	4	Groundwater	Low-Mod	250 ppm	No	\$ 2,250
Keller	Rooks	4	Domestic	Low	250 ppm	Yes	\$ 20,000

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Site Name	County	KCC District	Impact	Immediacy	Target Level Of Remediation	Unusual Problems	Estimated Total Cost
Knackstedt	McPherson	2	WP (Cavity)	Low-Mod	N/A	Yes	\$ 12,000
Kruse	Rooks	4	Soil	Low	Resolved	No	\$ 0
Law Production	Stafford	1	Groundwater	Low	500 ppm	No	\$ 3,500
Lawless	McPherson	2	Domestic	Low	500 ppm	Yes	\$ 6,500
LeRoy	Coffey	3	GW / Soil	Low	500 ppm	No	\$ 3,750
Long Rifle	Ellis	4	Groundwater / Domestic	Low	1000 ppm	Yes	\$ 300
Macksville	Pawnee	1	Groundwater	UR	300 ppm	Yes	\$ 15,000(yr)
Marcotte	Rooks	4	Domestic	Low	Reached	Yes	N/A
Maupin	Russell	4	Domestic / Stock Well	Low-Mod	500 ppm	No	\$ 1,250
Maxedon	Pratt	1	Groundwater / Soil	Low	Consent agreement signed January 1996		
McDonald - East	Linn	3	GW / SW	Low	500 ppm	No	\$ 340(yr)
McDonald - West	Linn	3	Groundwater	Low	500 ppm	No	\$ 340
Minium	Graham	4	Groundwater / Stock Well	Low	500 ppm	No	\$ 1,250
Mowat	Marion	2	Domestic(Sole Source)	Low	N/A	Yes	\$ 2,250
Nuss	Russell	4	Domestic / Stock Well	Low	250 ppm	No	\$ 1,250

Site Name	County	KCC District	Impact	Immediacy	Target Level Of Remediation	Unusual Problems	Estimated Total Cost
Packard	Barber	1	Groundwater / Water Well	High	1000 ppm	Yes	\$275,000
Peace Creek	Reno	2	WP	Low	N/A	Yes	\$ 2,500
Peavy-Mowry-Vine	Rooks	4	Stock Well	Low	500 ppm	Yes	\$ 28,250
Pleasant Prairie	Finney	1	Stock Well	Low	500 ppm	Yes	\$ 300
Raymond/Seelye	Rush	1	Groundwater	Low	500 ppm	No	\$ 500
Rein	Russell	4	Groundwater	Low	1000 ppm	Yes	\$ 4,000
Rixon	Stafford	1	Groundwater / IR	Low	250 ppm	No	\$ 300
Ruder	Ellis	4	GW / SW	Moderate	500 ppm	No	\$ 8,000
Russell City	Russell	4	Domestic / Irrigation	Moderate	1000 ppm	Yes	\$420,000
Russell RWD #1	Russell	4	Public Water Supply Well	Mod-High	250 ppm	Yes	\$ 3,000
RWD #6	Franklin	3	Public Water Supply	Moderate	250 ppm	No	\$ 150
S&K	Reno	2	Groundwater / Domestic	Low-Mod	750 ppm	Yes	\$ 15,000
Sample	Sedgwick	2	Groundwater	Low	500 ppm	Yes	\$ 2,500
Sander	Russell	4	Stock Well	Low	1000 ppm	Yes	\$ 1,250
Sarver	Rooks	4	Stock Well	Low	250 ppm	No	\$ 2,250

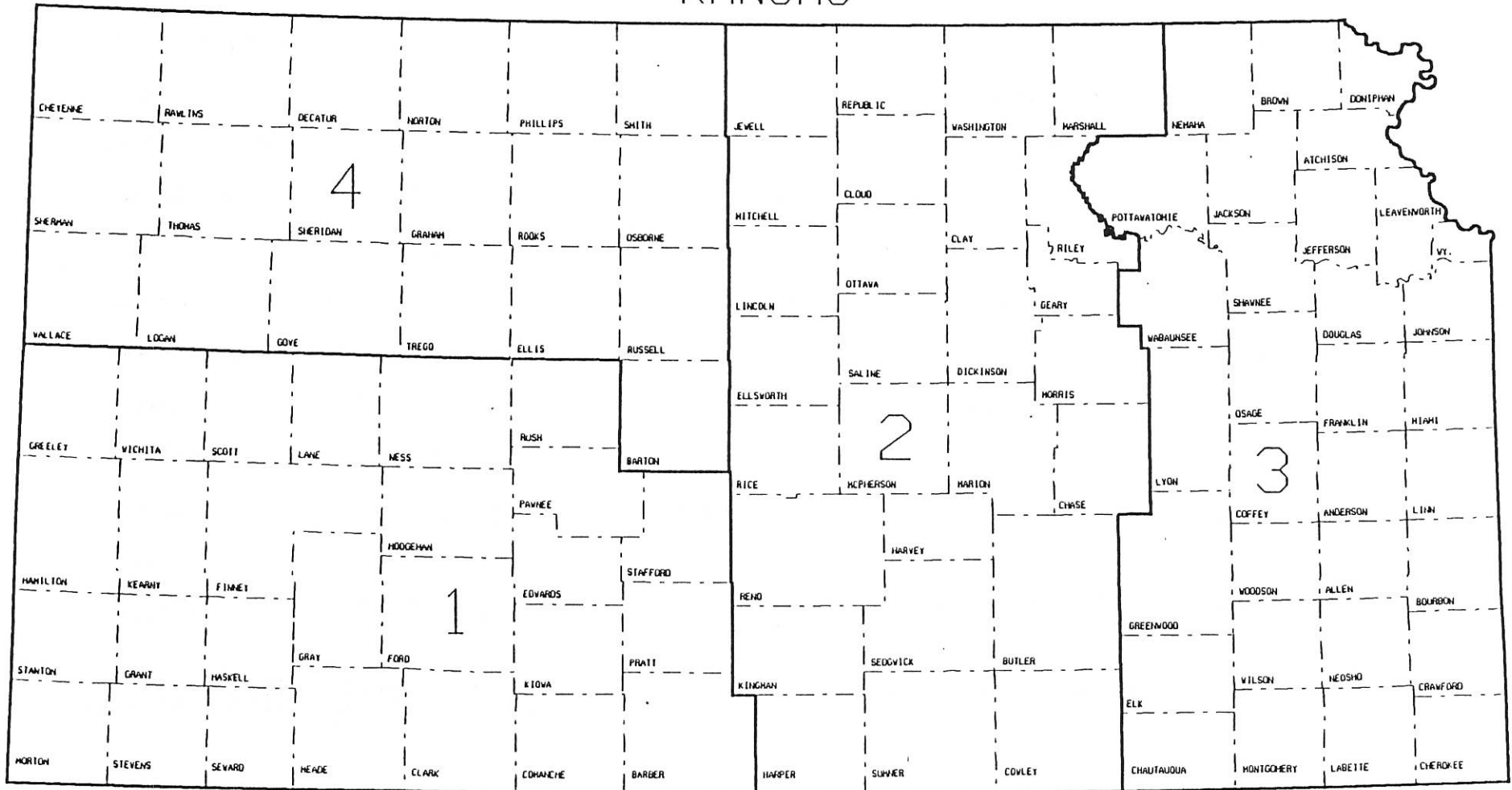
Site Name	County	KCC District	Impact	Immediacy	Target Level Of Remediation	Unusual Problems	Estimated Total Cost
Schnellar	Trego	4	Groundwater	Low	1000 ppm	No	\$ 1,250
Schroeder	McPherson	2	Domestic	Low	500-750 ppm	Yes	\$ 10,000
Selzer	McPherson	2	GW / SW	Mod	500-750 ppm	Yes	\$ 64,500
Simons	Rooks	4	Surface Water / Soil	Low	1000 ppm	No	\$ 1,450
Smith-Finn	Morton	1	Domestic	UR	500 ppm	Yes	\$ 650(yr)
South Spivey	Kingman	2	GW / DM / SW	High	750 ppm	Yes	\$ 5,000
South Stockton	Rooks	4	Domestic	Low	500 ppm	No	\$ 1,250
Staudinger	Barton	4	Surface Water	Low	1000 ppm	No	\$ 1,250
Stockton	Rooks	4	Public Water Supply	Low	Reached	No	N/A
Striker	Reno	2	GW / Soil	Low	350 ppm	No	\$ 5,000
Swisher	Saline	2	Stock Well	Low	500-750 ppm	Yes	\$ 2,500(+)
Tillock	McPherson	2	Domestic	Low	500 ppm	Yes	\$ 1,000(yr)
Vaughn	Reno	2	Domestic (Sole Source)	Low-Mod	500 ppm	Yes	\$ 1,000(yr)
Weathers	Barton	4	Groundwater / Stock Well	Low	Reached	No	N/A
Webber	Butler	2	Domestic (Sole Source)	Low	500 ppm	Yes	\$ 1,500(+)

Site Name	County	KCC District	Impact	Immediacy	Target Level Of Remediation	Unusual Problems	Estimated Total Cost
West Hiss	Barton	4	GW / Domestic (SS)	Low	1000 ppm	No	PRP
Wilgus	Saline	2	Domestic	Low	500 to 750 ppm	Yes	\$ 10,500
Wingate	Wilson	3	GW / Soil	Low	500 ppm	No	\$ 20,340
Wittman	Russell	4	Groundwater / Stock Well	Low	1000 ppm	No	\$ 2,000
Zimmerman	Ellis	4	GW / Stock Well	Low	800 ppm	No	<u>\$ 2,000</u>
Total Estimated Cost							\$2,510,195

GW=Groundwater SW=Surface Water ABDW=Abandoned Well IR=Irrigation Well PWSW=Public Water Supply Well
 STK=Stock Well WP=Well Problem DM=Domestic SS=Sole Source SD=Surface Damage Mod=Moderate
 UR=Under Remediation

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CONSERVATION DIVISION DISTRICTS KANSAS



CONTAMINATION SITES BY RIVER BASIN LOCATION

<u>SITE NAME</u>	<u>COUNTY</u>	<u>LOCATION</u>	<u>RIVER BASIN</u>	<u>DISTRICT</u>
ALDRICH	KINGMAN	25 -30 S- 08 W	LOWER ARKANSAS	2
ALTA MILLS	HARVEY	02 -22 S- 02 W	LOWER ARKANSAS	2
AMERICAN SALT	RICE	33 -20 S- 07 W	LOWER ARKANSAS	2
AMONS	BUTLER	11 -25 S- 04 E	WALNUT	2
ARKANSAS RIVER	COWLEY	07 -33 S- 03 E	LOWER ARKANSAS	2
ASBURY	COWLEY	07 -30 S- 08 E	WALNUT	2
AVEY	RUSH	15 -18 S- 16 W	UPPER ARKANSAS	1
BALTHAZOR	GRAHAM	14 -09 S- 21 W	SOLOMON	4
BARTON CO. CHLORIDE PROB	BARTON	18 -19 S- 13 W	UPPER ARKANSAS	4
BATT	RUSSELL	35 -15 S- 14 W	SMOKY HILL - SALINE	4
BEARD AND MEATS	COFFEY	12 -23 S- 16 E	NEOSHO	3
BLAKE **	RUSSELL	34 -14 S- 14 W	SMOKY HILL - SALINE	4
BRAUN	ELLIS	32 -13 S- 16 W	SMOKY HILL - SALINE	4
BROTHERS	RICE	12 -21 S- 07 W	LOWER ARKANSAS	2

SITE NAME	COUNTY	LOCATION	RIVER BASIN	DISTRICT
BROWNING	GREENWOOD	20-22 S- 10 E	VERDIGRIS	3
BUCKNER	GRAHAM	01 -08 S- 22 W	SOLOMON	4
BURRTON	HARVEY	-23 S- 03 W	LOWER ARKANSAS	2
CATRON	SEDGWICK	07-26 S- 01 E	LOWER ARKANSAS	2
CESSNA	KINGMAN	12-30 S- 07 W	LOWER ARKANSAS	2
CLAWSON	HASKELL	34-29 S- 34 W	CIMARRON	1
CODELL	ROOKS	13-10 S- 17 W	SMOKY HILL - SALINE	4
CURTIS	STAFFORD	26-24 S- 14 W	LOWER ARKANSAS	1
DETTWEILER	HARVEY	02-23 S- 02 W	LOWER ARKANSAS	2
DINKEL	ELLIS	32-13 S- 17 W	SMOKY HILL - SALINE	4
DINKEL/SANDERS	ELLIS	16-14 S- 17 W	SMOKY HILL - SALINE	4
DORTLAND	ELLIS	34-12 S- 16 W	SMOKY HILL - SALINE	4
DORTLAND, E	RUSSELL	05-14 S- 15 W	SMOKY HILL - SALINE	4
DORZWEILER	ELLIS	35-13 S- 20 W	SMOKY HILL - SALINE	4
DUMLER **	RUSSELL	27-13 S- 14 W	SMOKY HILL - SALINE	4
EASTMAN	MONTGOMERY	12-35 S- 16 E	VERDIGRIS	3

SITE NAME	COUNTY	LOCATION	RIVER BASIN	DISTRICT
EB-3C	RENO	25 -23 S- 04 W	LOWER ARKANSAS	2
ELM CREEK	ROOKS	06 -09 S- 17 W	SOLOMON	4
ENOCH THOMPSON	PAWNEE	17 -21 S- 20 W	UPPER ARKANSAS	1
EVANS **	RENO	23 -23 S- 04 E	LOWER ARKANSAS	2
FINK	GRAHAM	27 -08 S- 22 W	SOLOMON	4
FOWLER	MONTGOMERY	19 -32 S- 15 E	VERDIGRIS	3
GOERING **	RENO	26 -23 S- 4 W	LOWER ARKANSAS	2
GREENWOOD	GREENWOOD	19 -22 S- 11 E	VERDIGRIS	3
GROSS	ELLIS	18 -15 S- 17 W	SMOKY HILL - SALINE	4
HARBAUGH	BARBER	20 -33 S- 11 W	LOWER ARKANSAS	1
HOLLOW NIKKEL	HARVEY	20 -22 S- 03 W	LOWER ARKANSAS	2
HOUSER	ROOKS	08 -10 S- 17 W	SMOKY HILL - SALINE	4
HRENCHER	BARBER	36 -32 S- 12 W	LOWER ARKANSAS	1
HULLMAN	PRATT	07 -27 S- 12 W	LOWER ARKANSAS	1
IREY-HRABE	ROOKS	01 -09 S- 17 W	SOLOMON	4
JENNINGS	DECATUR	25 -04 S- 27 W	UPPER REPUBLICAN	4

<u>SITE NAME</u>	<u>COUNTY</u>	<u>LOCATION</u>	<u>RIVER BASIN</u>	<u>DISTRICT</u>
JOHNSON	RICE	13-21 S- 07 W	LOWER ARKANSAS	2
JOHNSON, R	PRATT	07-27 S- 12 W	LOWER ARKANSAS	1
KATZ	PAWNEE	19-23 S- 17 W	UPPER ARKANSAS	1
KEITH	GRAHAM	03-09 S- 24 W	SOLOMON	4
KELLER	ROOKS	28-10 S- 20 W	SMOKY HILL - SALINE	4
KNACKSTEDT	MCPHERSON	30-20 S- 05 W	LOWER ARKANSAS	2
KRUSE	ROOKS	02-10 S- 16 W	SMOKY HILL - SALINE	4
LANG	ELLIS	04-14 S- 17 W	SMOKY HILL - SALINE	4
LAW PROD	STAFFORD	06-22 S- 13 W	LOWER ARKANSAS	1
LAWLESS	MCPHERSON	07-19 S- 01 W	LOWER ARKANSAS	2
LEROY	COFFEY	01-23 S- 16 E	NEOSHO	3
LONG RIFLE	ELLIS	27-11 S- 19 W	SMOKY HILL - SALINE	4
MACKSVILLE	PAWNEE	30-23 S- 15 W	LOWER ARKANSAS	1
MARCOTTE	ROOKS	19-09 S- 19 W	SOLOMON	4
MAUPIN	RUSSELL	09-11 S- 15 W	SMOKY HILL - SALINE	4
MAXEDON **	PRATT	25-27 S- 11 W	LOWER ARKANSAS	1

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<u>SITE NAME</u>	<u>COUNTY</u>	<u>LOCATION</u>	<u>RIVER BASIN</u>	<u>DISTRICT</u>
MC DONALD-EAST	LINN	27-19 S- 22 E	MARAIS DES CYGNES	3
MC DONALD-WEST	LINN	27-19 S- 22 E	MARAIS DES CYGNES	3
MINIUM	GRAHAM	36-08 S- 25 W	SOLOMON	4
MOWAT	MARION	25-18 S- 04 E	NEOSHO	2
NUSS	RUSSELL	22-14 S- 13 W	SMOKY HILL - SALINE	4
OTIS CREEK	GREENWOOD	20-24 S- 09 E	VERDIGRIS	3
PACKARD	BARBER	23-31 S- 13 W	LOWER ARKANSAS	1
PEACE CREEK	RENO	12-23 S- 10 W	LOWER ARKANSAS	2
PEAVY-MOWRY-VINE-BATES	ROOKS	16-10 S- 18 W	SMOKY HILL - SALINE	4
PLEASANT PRAIRIE	FINNEY	19-26 S- 34 W	UPPER ARKANSAS	1
RAYMOND/SEELYE	RUSH	03-16 S- 19 W	SMOKY HILL - SALINE	1
REIN	RUSSELL	18-14 S- 13 W	SMOKY HILL - SALINE	4
RICHMEIER	GRAHAM	16-08 S- 25 W	SOLOMON	4
RIXON	STAFFORD	07-24 S- 13 W	LOWER ARKANSAS	1
RUDER	ELLIS	08-15 S- 18 W	SMOKY HILL - SALINE	4
RUSSELL CITY	RUSSELL	27-13 S- 14 W	SMOKY HILL - SALINE	4

SITE NAME	COUNTY	LOCATION	RIVER BASIN	DISTRICT
RUSSELL RWD #1	RUSSELL	34-14 S- 14 W	SMOKY HILL - SALINE	4
RWD #6	FRANKLIN	22-17 S- 21 E	MARAIS DES CYGNES	3
S&K	RENO	13-24 S- 04 W	LOWER ARKANSAS	2
S. STOCKTON	ROOKS	24-07 S- 18 W	SOLOMON	4
SAMPLE	SEDGWICK	29-26 S- 02 E	WALNUT	2
SANDER	RUSSELL	03-14 S- 15 W	SMOKY HILL - SALINE	4
SARVER	ROOKS	12-09 S- 16 W	SMOKY HILL - SALINE	4
SCHNELLAR	TREGO	25-13 S- 21 W	SMOKY HILL - SALINE	4
SCHRAEDER	HODGEMAN	03-24 S- 24 W	UPPER ARKANSAS	1
SCHROEDER	MCPHERSON	01-20 S- 01 W	LOWER ARKANSAS	2
SCHRUBEN-ROGERS	ROOKS	18-07 S- 17 W	SOLOMON	4
SCHULTE	SEDGWICK	07-28 S- 01 W	LOWER ARKANSAS	2
SELZER	MCPHERSON	02-20 S- 01 W	LOWER ARKANSAS	2
SIMONS	ROOKS	26-07 S- 17 W	SOLOMON	4
SMITH-FINN	MORTON	08-34 S- 43 W	CIMARRON	1
SOUTH SPIVEY	KINGMAN	34-30 S- 08 W	LOWER ARKANSAS	2

<u>SITE NAME</u>	<u>COUNTY</u>	<u>LOCATION</u>	<u>RIVER BASIN</u>	<u>DISTRICT</u>
SOUTH WICHITA	SEDGWICK	29-28 S- 01 E	LOWER ARKANSAS	2
STAUDINGER	BARTON	07-16 S- 11 W	SMOKY HILL - SALINE	4
STOCKTON	ROOKS	23-07 S- 18 W	SOLOMON	4
STRIKER	RENO	07-24 S- 10 W	LOWER ARKANSAS	2
SWISHER WELL	SALINE	08-16 S- 01 W	SMOKY HILL - SALINE	2
TILLOCK	MCPHERSON	21-19 S- 02 W	LOWER ARKANSAS	2
VAUGHN	RENO	30-24 S- 04 W	LOWER ARKANSAS	2
WEATHERS	BARTON	30-20 S- 14 W	UPPER ARKANSAS	4
WEBBER	BUTLER	01-27 S- 04 E	WALNUT	2
WEST HISS	BARTON	36-20 S- 14 W	UPPER ARKANSAS	4
WILDBOY'S	BARBER	28-33 S- 11 W	LOWER ARKANSAS	1
WILGUS	SALINE	20-14 S- 02 W	SMOKY HILL - SALINE	2
WINGATE	WILSON	17-29 S- 17 E	VERDIGRIS	3
WITTMAN	RUSSELL	24-14 S- 15 W	SMOKY HILL - SALINE	4
ZIMMERMAN	ELLIS	35-15 S- 19 W	SMOKY HILL - SALINE	4

** (Site Combined or Deleted in FY 97)

**KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION**

**ABANDONED OIL & GAS WELL
STATUS REPORT**



JANUARY 13, 1997

REF: ABANDONED OIL AND GAS WELL / REMEDIATION SITE FUND

*House Environment
2-3-97
Attachment 4*

Abandoned Exploration and Production Wells

Introduction

During the 1996 legislative session House Substitute for Senate Bill 755 was passed. As a result of that legislation the Abandoned Oil and Gas Well / Remediation Fund was created for the expressed purpose of providing funding to the Kansas Corporation Commission with which to address the problem of abandoned exploration and production wells located within the state. The legislation requires in part that the Commission prepare and maintain an inventory of all abandoned wells with a special focus on wells which, (1) the State of Kansas has assumed the plugging liability because of the lack of a potentially responsible party (No PRP); and (2) pose either an ongoing or potential threat to the environment (Priority I). The Commission was further directed to develop and maintain such an inventory on a computer database and report to the office of the Governor and certain legislative committees the status of the inventory as well as the Commission's efforts towards plugging those wells which pose a threat to the public safety and / or environment.

Computer Database/Data Collection

The database application used in the inventory tracking system is a Microsoft Access® package on a PC based platform. Field data is collected on site in the four District Field areas, it is then entered into the system where it can be manipulated to create a variety of reports concerning the wells. The amount of information on each well is extremely variable and is primarily dependent on the location of the well and its age. Those wells located in the Eastern portion of the state are in general older wells and there is very little detailed information available either within industry or Commission files.

Priority Ranking (Priority I)

Wells within the Priority I grouping have been further subdivided on the basis of resources impacted by the location or condition of the individual abandoned well. That is whether the impacts are to surface waters (SW), groundwater (GW), or concern public safety issues (PS). The listing below provides definitions for Priority Action Levels within the Priority I inventory. In general, Level "A" wells are the most serious cases while Level "C" wells are less serious situations.

Priority Action Levels

Level A - Surface Water (SW)

Wells actively discharging oil or brine into surface waters with significant ongoing impacts to surface water. (Includes wells with moderate to high volumes of discharge impacting public water supplies or sole source water supplies.)

Level A - Groundwater (GW)

Wells creating significant ongoing or potential impacts to groundwater supplies through water quality degradation or loss of water supplies through downward drainage. (With emphasis on impacts to groundwater supplies used for public water supplies or sole source supplies and cases of active subsidence caused by downward drainage.)

Level A - Public Safety (PS)

Wells creating an ongoing or current threat to public safety. (Includes wells with active gas flows with danger of explosion or open large diameter wellbores or casings in urban or suburban settings.)

Level B - Surface Water (SW)

Wells intermittently to actively discharging oil or brine into surface waters with ongoing impacts to surface water. (Includes wells with low to moderate volumes of discharge impacting water resources outside of public water supplies. Alternative water supplies available.)

Level B - Groundwater (GW)

Wells creating ongoing or potential impacts to groundwater supplies through water quality degradation or loss of water supplies through downward drainage. (Includes wells with impacts to groundwater supplies outside of public water supply areas and cases of strong potential for subsidence.)

Level B - Public Safety (PS)

Wells creating a current or ongoing threat or potential danger to public safety. (Includes wells with active gas flows with danger of explosion and/or open large diameter wellbores or casings located in rural, low population areas.)

Level C - Surface Water (SW)

Wells located in sensitive groundwater areas which are intermittently discharging oil and/or brine or have potential for discharge into surface waters. (Includes wells located in sensitive groundwater areas which have low volume to intermittent discharges or high fluid levels.)

Level C - Groundwater (GW)

Wells located in sensitive groundwater areas which have potential impacts to groundwater supplies or loss of water resources through downward drainage. (Includes wells located in sensitive groundwater areas with abnormally high fluid levels.)

Level C - Public Safety (PS)

Wells creating a potential danger to public safety. (Includes secured gas wells in populated areas or large diameter wells in isolated settings.)

Priority Ranking (Priority II)

Wells within the Priority II grouping consist of wells of relatively modern construction which do not pose either an ongoing or potential threat to the public safety or the environment. These wells have adequate surface pipe in place with which to protect shallow freshwater aquifers and are generally located in environmentally non-sensitive areas. These wells fall within the lowest priority ranking for authorization of plugging with Abandoned Oil and Gas Well / Remediation Fund monies. It is important that these wells be documented within the inventory and periodically inspected to determine if well conditions have changed to a sufficient degree to warrant upgrading to Priority I status.

Status of the Inventory

The current status of the abandoned oil and gas well inventory stands at 10,310 wells. This total which includes both Priority I and Priority II wells represents a total increase of 1,063 wells over that reported in March 1996. This increase represents the addition of 447 Priority I wells and 606 Priority II wells to the inventory. The original estimate of wells fitting the criteria of Priority I ranking with no potential responsible party available to fund plugging operations was in excess of 14,750 wells. The field staff has of the date of this report checked and verified 9704 of these types of wells. As a percentage of the original estimate the state wide inventory is approximately 66% complete. The accompanying maps and diagrams provide an overview of the data collected with respect to Priority I severity levels and impacts on both a statewide basis and within individual field areas. The tables below summarizes these data.

PRIORITY I WELLS

District	Level A	Level B	Level C	Total
1	4	6	23	33
2	90	32	60	182
3	776	1955	6366	9097
4	93	114	185	392
Totals	963	2107	6634	9704

PRIORITY I WELLS

District	Surface Water (SW)	Groundwater (GW)	Public Safety (PS)
1	1	32	0
2	9	135	38
3	153	8816	128
4	1	363	28
Total	164	9346	194

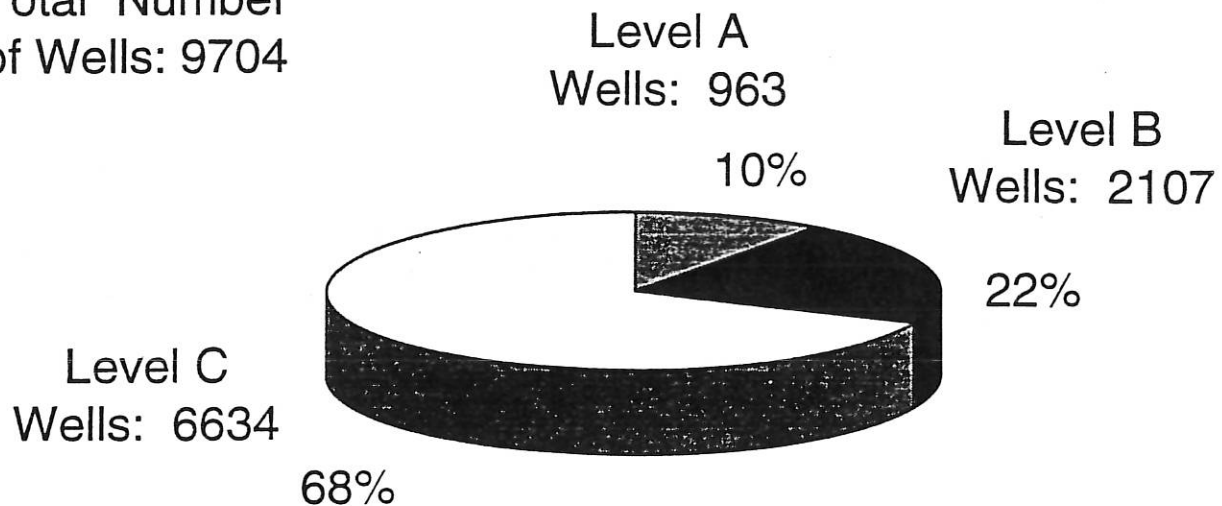
It should be emphasized that this inventory is an ongoing and active system which is currently being updated on a weekly basis. While certain trends can be recognized within the system, specific well data must be considered as part of a dynamic process and subject to change as the inventory proceeds.

The complete inventory of individual wells awaiting plugging authorization are provided in Appendix A and B of this report. The wells in these listings show the following data for each well: Priority Level, Lease Name, Well Number, District, County, Spot Location, Section, Township, Range, and Impact. Appendix C provides data for wells which have either been plugged or have been approved for plugging with expenditures from the Abandoned Oil and Gas Well / Remediation Fund. An accounting of approved expenditures to date is also enclosed within this section.

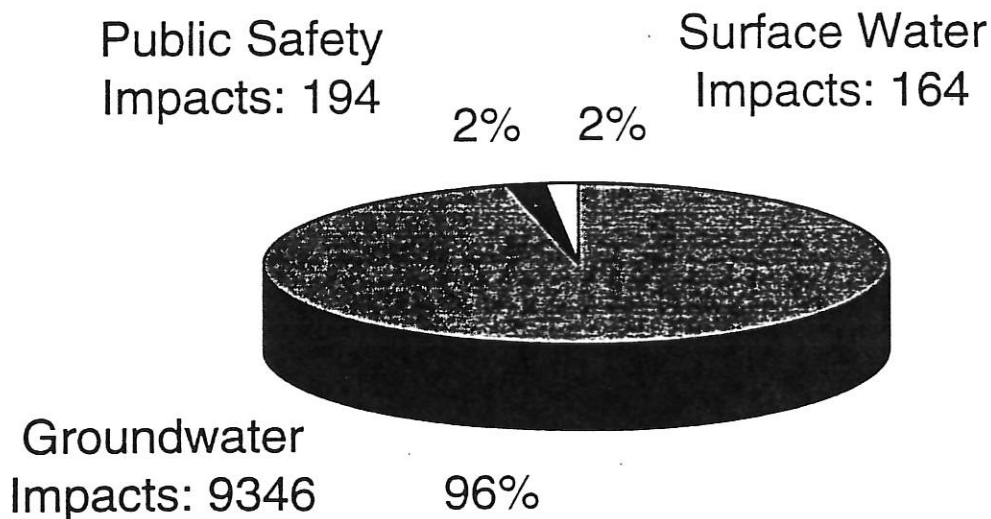
STATEWIDE PRIORITY 1 WELLS

Inventory Status January 13, 1997

Total Number
of Wells: 9704



Impact of Priority 1 Wells



APPENDIX "C"

Plugged Wells

Kansas Corporation Commission

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Priority 1 Wells

Plugged or Have Received Authorization to Plug

DIST	COUNTY	LEASE NAME	WELL NO	T/4 OF	T/4 OF	T/4 OF	SEC	TWN	RNG	DIR	TYPE	LEVEL	FFREQ
1	EDWARDS	PUTTER/NEBERGALL	1	NE	SE	SE	7	23	19	W	GW	C	23-Sep-96
1	EDWARDS	ELLEDGE SWD	1	SW	SE	SW	24	26	16	W	GW	C	23-Sep-96
1	FINNEY	LEWIS	32-1		C	NE	32	22	31	W	GW	B	21-Aug-96
1	HASKELL	GEORGE	1		C	SW	35	27	32	W	GW	C	26-Sep-96
1	RUSH	JULIA	45-718	NE	SW	SW	5	17	20	W	GW	A	20-Jun-96
1	RUSH	PETERSON OWWO	1	NW	NW	NW	35	19	16	W	SW	B	08-Mar-96
2	HARVEY	DICK B	39	SW	SW	NE	19	23	3	W	GW	A	16-Apr-96
2	MARION	THOMAS REZNICEK	1	NW	NE	SW	22	17	4	E	GW	A	03-Jan-97
2	RICE	DRESBACK	1	NW	SW	SW	7	21	6	W	GW	A	03-Sep-96
2	RICE	RAMSEY	1	SE	SW	SW	7	21	6	W	GW	A	03-Sep-96
2	RICE	HAILE	1-11	NE	NW	NW	11	21	7	W	PS	A	13-May-96
2	SALINE	E JOHNSON SWD	1-OSWDW	SW	SW	SE	10	16	3	W	GW	A	30-Jul-96
3	ALLEN	STEWART	1			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	11			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	12			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	13			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	14			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	15			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	15W1			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	16			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	18			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	2			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	20			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	3			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	4			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	46A			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	48			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	5			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	50			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	52			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	54			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	56			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	58			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	6			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	7			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	8			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	9			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	STEWART	OW-12			NE	34	24	21	E	GW	C	03-Jan-97
3	ALLEN	BARNETT	H	NE	SE	SW	18	26	18	E	GW	B	20-Jun-96
3	ALLEN	BARNETT	I	NE	SE	SW	18	26	18	E	GW	B	20-Jun-96
3	ALLEN	BURTISS	14			SE	18	26	18	E	GW	B	26-Jun-96
3	ALLEN	BURTISS	15			SE	18	26	18	E	GW	B	26-Jun-96
3	ALLEN	FRAKER	9			NE	18	26	18	E	GW	B	20-Jun-96
3	ALLEN	DANIELS	1			NE	26	26	20	E	GW	C	26-Jun-96
3	ANDERSON	ROCKERS	1			NW	29	19	21	E	PS	A	03-Jan-97
3	ANDERSON	ROCKERS	2			NW	29	19	21	E	PS	A	03-Jan-97
3	ANDERSON	ROCKERS	3			NW	29	19	21	E	PS	A	03-Jan-97
3	ANDERSON	ROCKERS	11			NW	29	19	21	E	PS	A	03-Jan-97
3	ANDERSON	ROCKERS	12			NW	29	19	21	E	PS	A	03-Jan-97
3	ANDERSON	ROCKERS	13			NW	29	19	21	E	PS	A	03-Jan-97
3	ANDERSON	D HASTERT	3	NE	SE	NE	10	20	20	E	PS	A	06-Sep-96
3	ANDERSON	MANNERS	5			NW	6	21	20	E	GW	C	20-Jun-96
3	ANDERSON	LOREN SAYERS	1			NW	22	21	21	E	PS	A	03-Jan-97
3	ANDERSON	LOREN SAYERS	2			NW	22	21	21	E	PS	A	03-Jan-97
3	ANDERSON	LOREN SAYERS	3			NW	22	21	21	E	PS	A	03-Jan-97
3	ANDERSON	BENNETT	1			SE	8	23	19	E	GW	A	26-Jun-96
3	CHAUTAUQUA	ENGLISH	1	NW	SW	SE	27	33	12	E	SW	A	29-Jul-96
3	CHAUTAUQUA	ENGLISH	2	NW	SW	SE	27	33	12	E	SW	A	29-Jul-96
3	DOUGLAS	NEIS	10	NE	NE	NW	25	13	20	E	GW	C	17-Sep-96

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Priority 1 Wells

Plugged or Have Received Authorization to Plug

DIST	COUNTY	LEASE NAME	WELL NO	1/4 OF	1/4 OF	1/4 OF	SEC	TWN	RNG	DIR	TYPE	LEVEL	FFREQ	
3	DOUGLAS	NEIS	11	SW	NE	NW	25	13	20	E	GW	C	17-Sep-96	
3	DOUGLAS	NEIS	12	SE	NW	NW	25	13	20	E	GW	C	17-Sep-96	
3	DOUGLAS	NEIS	1A	NW	NW	NW	25	13	20	E	GW	C	17-Sep-96	
3	DOUGLAS	NEIS	8	NE	NE	NW	25	13	20	E	GW	C	17-Sep-96	
3	DOUGLAS	NEIS	9	NE	NW	NW	25	13	20	E	GW	C	17-Sep-96	
3	GREENWOOD	HALSELL	W-13				9	27	13	E	GW	C	16-Apr-96	
3	GREENWOOD	HALSELL	W-14				9	27	13	E	GW	C	16-Apr-96	
3	GREENWOOD	HALSELL	W-15				9	27	13	E	GW	C	16-Apr-96	
3	GREENWOOD	HALSELL FOUND	1				9	27	13	E	GW	C	16-Apr-96	
3	GREENWOOD	HALSELL FOUND	2				9	27	13	E	GW	C	16-Apr-96	
3	GREENWOOD	HALSELL FOUND	3				9	27	13	E	GW	C	16-Apr-96	
3	GREENWOOD	HALSELL FOUND	4				9	27	13	E	GW	C	16-Apr-96	
3	GREENWOOD	HALSELL FOUND	W-11				9	27	13	E	GW	C	16-Apr-96	
3	GREENWOOD	HALSELL FOUND	W-12				9	27	13	E	GW	C	16-Apr-96	
3	LABETTE	HAMPSON OW	2			SW	7	32	18	E	GW	A	07-Aug-96	
3	LABETTE	HAMPSON OW	3			NW	7	32	18	E	GW	A	07-Aug-96	
3	LINN	HARRY SAYERS	1			NW	23	21	21	E	PS	A	03-Jan-97	
3	LINN	MODEL	OW-1-96			SW	11	21	23	E	SW	A	29-Jul-96	
3	MIAMI	GRANT	1		SE	NE	35	16	21	E	GW	C	05-Mar-96	
3	MIAMI	GRANT	2			NE	35	16	21	E	GW	C	05-Mar-96	
3	MIAMI	GRANT	3			NE	35	16	21	E	GW	C	05-Mar-96	
3	MIAMI	GRANT	4			NE	35	16	21	E	GW	C	05-Mar-96	
3	MIAMI	GRANT	5			NE	35	16	21	E	GW	C	05-Mar-96	
3	MIAMI	GRANT	6			NE	35	16	21	E	GW	C	05-Mar-96	
3	MIAMI	GRANT	7			NE	35	16	21	E	GW	C	05-Mar-96	
3	MIAMI	ABC - MINDON OW	1			SW	22	17	22	E	SW	A	26-Jun-96	
3	MONTGOMERY	WOLFE OG	1	SE	SE	NW	7	31	16	E	GW	A	19-Jul-96	
3	MONTGOMERY	OLIVER	1	NW	SW	SW	20	32	14	E	GW	A	16-May-96	
3	MONTGOMERY	VEJL-MANTOOTH OW	2		NW	NE	29	33	14	E	SW	A	16-May-96	
3	MONTGOMERY	ERHART	1	NE	NW	SE	7	33	15	E	GW	A	04-Dec-96	
3	MONTGOMERY	ERHART	10	NW	NE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	11	NE	NE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	12	NE	NE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	129-867				C	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	129-876	NE	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	129-885	NW	NE	SE	7	33	15	E	GW	A	04-Dec-96	
3	MONTGOMERY	ERHART	133-872	NW	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	133-876	NE	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	133-881P	NE	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	133-885	NW	NE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	133-889	NE	NE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	133-894	NE	NE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	137-858	SE	NE	SW	7	33	15	E	GW	A	08-Mar-96	
3	MONTGOMERY	ERHART	137-863	SE	NE	SW	7	33	15	E	GW	A	08-Mar-96	
3	MONTGOMERY	ERHART	137-867	SE	NE	SW	7	33	15	E	GW	A	08-Mar-96	
3	MONTGOMERY	ERHART	137-872	SW	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	137-876	SE	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	137-881	SE	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	142-872	NW	SW	SE	7	33	15	E	GW	A	08-Apr-96	
3	MONTGOMERY	ERHART	142-876	SE	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	142-894	NE	SE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	151-894	SE	SE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	19	SW	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	20W	NW	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	21	SE	NW	SE	7	33	15	E	GW	A	22-Jul-96	
3	MONTGOMERY	ERHART	22	SW	NE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	23	NE	NE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	24	SE	NE	SE	7	33	15	E	GW	A	19-Sep-96	
3	MONTGOMERY	ERHART	32	SE	NW	SE	7	33	15	E	GW	A	22-Jul-96	

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Kansas Corporation Commission

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Priority 1 Wells

Plugged or Have Received Authorization to Plug

DIST	COUNTY	LEASE NAME	WELL NO	1/4 OF	1/4 OF	1/4 OF	SEC	TWN	RNG	DIR	TYPE	LEVEL	FFREQ
3	MONTGOMERY	ERHART	33	SE	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	34C	SW	NE	SE	7	33	15	E	GW	A	04-Dec-96
3	MONTGOMERY	ERHART	36-W	SE	NE	SE	7	33	15	E	GW	A	19-Sep-96
3	MONTGOMERY	ERHART	44	NW	SW	SE	7	33	15	E	GW	A	08-Apr-96
3	MONTGOMERY	ERHART	47W	NE	SE	SE	7	33	15	E	GW	A	19-Sep-96
3	MONTGOMERY	ERHART	48	NE	SE	SE	7	33	15	E	GW	A	19-Sep-96
3	MONTGOMERY	ERHART	59	SE	SE	SE	7	33	15	E	GW	A	19-Sep-96
3	MONTGOMERY	ERHART	60	SE	SE	SE	7	33	15	E	GW	A	19-Sep-96
3	MONTGOMERY	ERHART	7	NW	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	70	SW	SE	SE	7	33	15	E	GW	A	19-Sep-96
3	MONTGOMERY	ERHART	71	SE	SE	SE	7	33	15	E	GW	A	19-Sep-96
3	MONTGOMERY	ERHART	72	SE	SE	SE	7	33	15	E	GW	A	19-Sep-96
3	MONTGOMERY	ERHART	8	NW	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	9	NE	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	C	S2	SE	SE	7	33	15	E	GW	A	19-Sep-96
3	MONTGOMERY	ERHART	E	NW	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	F	SW	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	G	SW	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	H	SE	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	I	SE	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	J	NE	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	ERHART	K	NE	NW	SE	7	33	15	E	GW	A	22-Jul-96
3	MONTGOMERY	GAY-GORDON	20				18	33	15	E	GW	A	08-Mar-96
3	MONTGOMERY	GAY-GORDON	21				18	33	15	E	GW	A	08-Apr-96
3	MONTGOMERY	GAY-GORDON	22				18	33	15	E	GW	A	08-Apr-96
3	MONTGOMERY	GAY-GORDON	23				18	33	15	E	GW	A	08-Mar-96
3	MONTGOMERY	GAY-GORDON	24				18	33	15	E	GW	A	08-Mar-96
3	MONTGOMERY	GAY-GORDON	25				18	33	15	E	GW	A	08-Mar-96
3	MONTGOMERY	CITY OF INDEPENDENCE	4		NW	NW	22	33	15	E	GW	A	06-Jan-97
3	MONTGOMERY	HELEN BOWER	1	SW	NW	SW	32	33	15	E	GW	A	26-Sep-96
3	MONTGOMERY	LIBERTY LAKE OG	3	NW	NE	SW	25	33	16	E	GW	A	16-May-96
3	MONTGOMERY	FELT OG	1	SE	SE	NE	26	33	16	E	GW	A	23-May-96
3	MONTGOMERY	WEST JOHN LASSLEY	1			SW	10	34	15	E	GW	A	23-Sep-96
3	MONTGOMERY	WEST JOHN LASSLEY	2			SW	10	34	15	E	GW	A	23-Sep-96
3	MONTGOMERY	WEST JOHN LASSLEY	3			SW	10	34	15	E	GW	A	23-Sep-96
3	MONTGOMERY	JIM LOGAN OG	1			SE	10	34	16	E	PS	A	16-May-96
3	NEOSHO	BARKER	10			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	11			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	12			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	13			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	14			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	15			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	16			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	17			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	18			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	19			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	2			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	20			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	21			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	22			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	23	E2	E2	W2	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	24	SW	SE	NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	25			NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	26			NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	27			NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	28			NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	29			NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	3			SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	30			NW	4	27	18	E	GW	A	04-Sep-96

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Kansas Corporation Commission

1/7/97

Priority 1 Wells

Plugged or Have Received Authorization to Plug

DIST	COUNTY	LEASE NAME	WELL NO	1/4 OF	1/4 OF	1/4 OF	SEC	TWN.	RNG	DIR	TYPE	LEVEL	FFREQ	
3	NEOSHO	BARKER	31				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	32				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	33				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	34				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	35				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	36				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	37				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	38				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	39				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	4				SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	40				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	41				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	42				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	43				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	44				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	45				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	46				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	47				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	48				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	49				NW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	5				SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	50				SW	4	27	18	E	GW	A	04-Dec-96
3	NEOSHO	BARKER	51				W2	4	27	18	E	GW	A	04-Dec-96
3	NEOSHO	BARKER	52				W2	4	27	18	E	GW	A	04-Dec-96
3	NEOSHO	BARKER	53				W2	4	27	18	E	GW	A	04-Dec-96
3	NEOSHO	BARKER	54				W2	4	27	18	E	GW	A	04-Dec-96
3	NEOSHO	BARKER	55				W2	4	27	18	E	GW	A	04-Dec-96
3	NEOSHO	BARKER	56				W2	4	27	18	E	GW	A	04-Dec-96
3	NEOSHO	BARKER	57				W2	4	27	18	E	GW	A	04-Dec-96
3	NEOSHO	BARKER	6				SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	7				SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	8				SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BARKER	9				SW	4	27	18	E	GW	A	04-Sep-96
3	NEOSHO	BURRIS	10				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	11				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	12				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	13				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	14				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	15				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	16				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	17				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	18				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	19				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	2				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	20				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	21				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	22				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	23				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	24				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	25				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	26				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	27				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	28				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	29				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	3				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	30				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	31				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	32				NE	9	27	18	E	GW	B	04-Sep-96
3	NEOSHO	BURRIS	4				NE	9	27	18	E	GW	B	04-Sep-96

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Kansas Corporation Commission

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Priority 1 Wells

Plugged or Have Received Authorization to Plug

DIST	COUNTY	LEASE NAME	WELL NO	1/4 OF	1/4 OF	1/4 OF	SEC	TWN	RNG	DIR	TYPE	LEVEL	FFREQ	
3	NEOSHO	BURRIS	5				NE 9	27	18	E	GW	B	04-Sep-96	
3	NEOSHO	BURRIS	6				NE 9	27	18	E	GW	B	04-Sep-96	
3	NEOSHO	BURRIS	7				NE 9	27	18	E	GW	B	04-Sep-96	
3	NEOSHO	BURRIS	8				NE 9	27	18	E	GW	B	04-Sep-96	
3	NEOSHO	BURRIS	9				NE 9	27	18	E	GW	B	04-Sep-96	
3	NEOSHO	WESLEY THOMPSON	OW 2		E2		SE 24	27	18	E	GW	A	06-Sep-96	
3	NEOSHO	WESLEY THOMPSON	OW 6		E2		SE 24	27	18	E	GW	A	06-Sep-96	
3	NEOSHO	WESLEY THOMPSON	OW 7		E2		SE 24	27	18	E	GW	A	06-Sep-96	
3	NEOSHO	WESLEY THOMPSON	OW 8		E2		SE 24	27	18	E	GW	A	06-Sep-96	
3	NEOSHO	WESLEY THOMPSON	OW 3		N2		NE 25	27	18	E	GW	A	06-Sep-96	
3	NEOSHO	WESLEY THOMPSON	OW 4		N2		NE 25	27	18	E	GW	A	06-Sep-96	
3	NEOSHO	WESLEY THOMPSON	OW 5		N2		NE 25	27	18	E	GW	A	06-Sep-96	
3	NEOSHO	ALLEN OW	1					5	28	19	E	GW	A	26-Jun-96
3	NEOSHO	SHAW	1				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	11				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	15				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	16				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	17				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	22				SW 22	28	19	E	GW	B	19-Oct-95	
3	NEOSHO	SHAW	23				SW 22	28	19	E	GW	B	19-Oct-95	
3	NEOSHO	SHAW	26				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	28				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	3				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	36				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	37				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	39				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	41				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	44				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	46				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	48				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	51				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	54				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	6				SW 22	28	19	E	GW	B	08-Mar-96	
3	NEOSHO	SHAW	64				SW 22	28	19	E	GW	B	08-Mar-96	
3	WILSON	CLAIBORNE OW	1				SE 15	27	14	E	GW	A	20-Jun-96	
3	WILSON	TRIMMEL	OW-1				NE 15	27	14	E	SW	A	20-Jun-96	
3	WILSON	GUENTHER	1				SW 33	27	15	E	GW	C	20-Jun-96	
3	WILSON	GUENTHER	2				SE 33	27	15	E	GW	C	20-Jun-96	
3	WILSON	ANDERSON B OW	1				SW 3	28	17	E	GW	A	12-Jun-96	
3	WILSON	MELVIN HARE	1	NW	NW		SW 22	30	16	E	GW	A	30-Aug-96	
3	WILSON	MELVIN HARE	OW 1	SW	NE		NW 34	30	16	E	GW	A	30-Aug-96	
3	WOODSON	RICH	1		N2		NE 28	23	16	E	GW	B	06-Sep-96	
4	BARTON	REIMAN	4	SW	SW		NW 23	16	12	W	SW	A	20-Jun-96	
4	BARTON	LAUDICK	1	N2	SE		SE 19	16	13	W	GW	A	03-Sep-96	
4	BARTON	STATE RIVERBED	3	SE	SE		SE 10	20	11		GW	A	08-May-96	
4	BARTON	STATE RIVERBED	2	NE	NW		NE 15	20	11		GW	A	08-May-96	
4	CHEYENNE	WILKENS	16-7	N2	SW		NE 16	02	37		PS	B	30-Jul-96	
4	CHEYENNE	BEAUMEISTER	1	SW	SW		NW 32	02	39	W	GW	A	15-Oct-96	
4	ELLIS	FELDCAMP	4-SWD	NE	NE		NW 11	11	18		GW	A	29-Jul-96	
4	ELLIS	VINE "B"	1	SE	NE		SE 27	11	19	W	GW	A	03-Sep-96	
4	ELLIS	STAAB	5	SE	NE		NE 11	12	18		GW	A	26-Sep-96	
4	ELLIS	WEBER	1	E2	E2		NW 33	13	17	W	GW	A	23-Sep-96	
4	ELLIS	KISNER	1	NW	NE		SE 11	14	19	W	GW	A	29-Jul-96	
4	GRAHAM	WHITE	1	S2	SW		NE 31	09	23	W	GW	C	14-Aug-96	
4	GRAHAM	JONES	5	NE	SW		NE 11	9	23	W	GW	A	14-Aug-96	
4	GRAHAM	JONES	6	SW	NE		NE 11	9	23	W	GW	A	14-Aug-96	
4	RAWLINS	A. PETERSON	2	SE	SE		SW 6	01	33		GW	B	12-Jun-96	
4	ROOKS	HINKHOUSE	2	SE	NE		SE 6	10	20	W	GW	A	29-Apr-96	
4	RUSSELL	STRECKER (THOMAN)	3	SE	SE		NW 27	13	14	W	GW	A	03-Sep-96	

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Kansas Corporation Commission

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Priority 1 Wells

Plugged or Have Received Authorization to Plug

DIST	COUNTY	LEASE NAME	WELL NO	T/4 OF	T/4 OF	T/4 OF	SEC	TWN	RNG	DIR	TYPE	LEVEL	FFREQ
4	RUSSELL	FOSTER "B"	W-39	SW	SW	NE	3	14	15	W	GW	A	03-Sep-96

Appendix "C" Total Wells = 296

Appendix "C" FY-1997 Wells = 219

Plugging Summary

January 8, 1997

Total wells plugged and / or approved for plugging operations in FY 1997 = 219 wells

Summary by FY Initiated

<u>FY Initiated</u>	<u>Total Spent to Date</u>	<u>Total Estimate for FY</u>
97	418,492.61	818,884.23

Summary by Priority

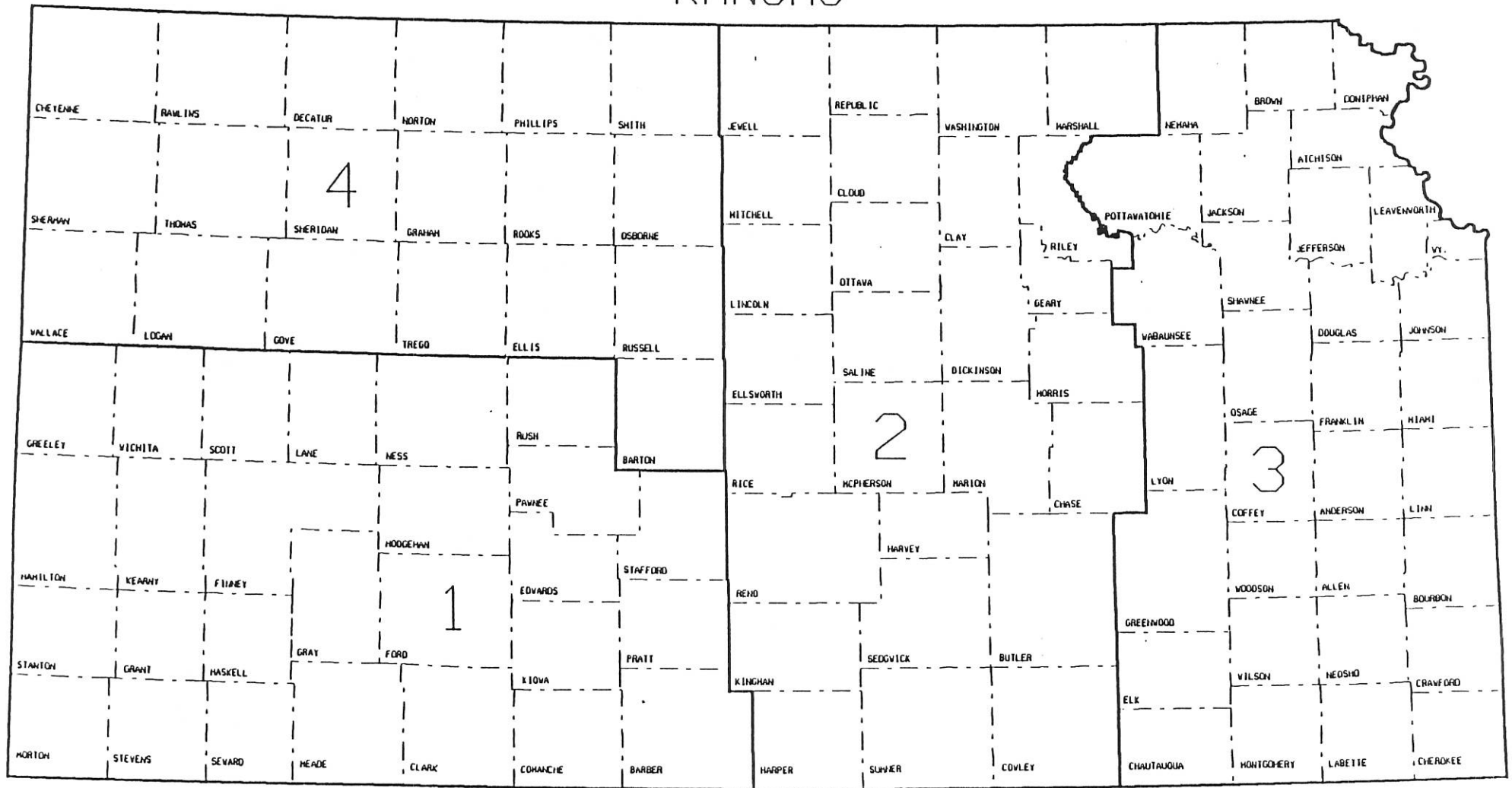
<u>Priority</u>	<u>Total Spent to Date</u>	<u>Total Estimate</u>
-	7,335.99	
1-A	379,736.84	652,038.28
1-B	10,774.67	97,373.25
1-C	20,645.11	69,472.70

Summary by Problem Type

<u>Problem Type</u>	<u>Impacts</u>	<u>Total Spent To Date</u>	<u>Total Estimate</u>
Abandoned Well	GW	378,214.37	627,586.82
Abandoned Well	PS	7,645.38	16,120.35
Abandoned Well	SW	25,296.87	175,177.06
Inherited Remediation SB755		1,805.00	
KCC Remediation SB755		5,530.99	

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CONSERVATION DIVISION DISTRICTS KANSAS



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