




GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
LANSING



PHILLIP D. ROOS  
DIRECTOR

VIA EMAIL

TO: Members of the Michigan Legislature  
FROM: Phillip D. Roos, Director   
DATE: February 6, 2024  
SUBJECT: Orphan Well Fund Annual Report and Orphan Well List

In accordance with Sections 61604 and 61607 of Part 616, Orphan Well Fund, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, attached is the Department of Environment, Great Lakes, and Energy's (EGLE) Orphan Well Fund Annual Report for Fiscal Year 2023 and Orphan Well List for 2024.

If you need further information, please contact Adam W. Wygant, Director, Oil, Gas, and Minerals Division, at 517-897-4828 or [WygantA@Michigan.gov](mailto:WygantA@Michigan.gov); or you may contact me at 517-614-6873.

Attachment

cc/att: Kathryn Summers, Director, Senate Fiscal Agency  
Mary Ann Cleary, Director, House Fiscal Agency  
Jennifer Flood, Director, State Budget Office  
Patti Tremblay, Director of Legislative Affairs, Governor's Office  
Marc Rehmann, Policy Director, Governor's Office  
Jonah Houtz, Senate Fiscal Agency  
Austin Scott, House Fiscal Agency  
Jacques McNeely, State Budget Office  
Zach Hendrix, State Budget Office  
Aaron B. Keatley, Chief Deputy Director, EGLE  
Travis Boeskool, Deputy Director, EGLE  
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Paul McDonald, EGLE  
Dale Shaw, EGLE  
Adam W. Wygant, EGLE  
Jim Armbruster, EGLE  
Kathy Tetzlaff, EGLE

**Orphan Well Fund Annual Report  
for Fiscal Year 2023  
and  
Orphan Well List for 2024**



Michigan Department of Environment, Great Lakes, and Energy  
Oil, Gas, and Minerals Division

Pursuant to Part 616, Orphan Well Fund,  
of the Natural Resources and Environmental Protection Act,  
1994 PA 451, as Amended

For more information on the Orphan Well Program, please contact:

Michigan Department of Environment, Great Lakes, and Energy  
Oil, Gas, and Minerals Division  
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If you need this information in an alternate format, contact [EGLE-Accessibility@Michigan.gov](mailto:EGLE-Accessibility@Michigan.gov) or call 800-662-9278.

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This document and its contents are subject to the Freedom of Information Act and may be released to the public.

**ORPHAN WELL FUND ANNUAL REPORT  
FISCAL YEAR 2023**

**Fund Overview**

The Orphan Well Fund provides a funding source for carrying out plugging, response activity, and site restoration at abandoned or improperly closed oil or gas wells for which no owner or operator is known, for which all owners or operators are insolvent, or at which the Supervisor of Wells determines there exists an imminent threat to public health and safety.

**Expenditures**

**Fiscal Year 2023**

Plugging and Site Restoration (see Table I for details)	\$121,677
Response Activity (see Table II for details)	\$9,611
Administrative Costs (i.e., Wages, Supplies, Travel, Supervision)	\$352,783
<b>TOTAL Expenditures</b>	<b>\$484,071</b>

**Accomplishments (State Orphan Well Fund)**

A contractor was hired to obtain volumetric emission measurements of methane and other greenhouse gases at all unplugged orphan well and facility locations across the state. Measurements will be conducted pre- and post- plugging and/or facility decommissioning to determine the overall reduction of emissions.

Final groundwater sampling at the School Road site in Gladwin County revealed brine and hydrocarbon constituent concentrations were below all generic residential cleanup criteria, allowing site closure to be approved. The deep monitor wells were properly abandoned, and the homeowner's yard was restored.

Emergency response and remediation measures were taken in Ottawa County to address two leaking wells in a man-made gravel pit lake. A joint effort between the Department of Environment, Great Lakes, and Energy's Remediation and Redevelopment Division and Oil, Gas, and Minerals Division (OGMD) helped keep oil from entering the Grand River. Absorbent booms were deployed; and contaminated soils, debris, and vegetation were excavated from the shoreline. The OGMD will finish this project in 2024 by properly plugging the wells in the gravel pit lake.

State Orphan Well Funds were utilized to assist with plugging operations on the Claybanks Project in Pentwater. These potentially dangerous hydrogen sulfide wells were located close to a neighborhood. This project was initially bid as a federal Infrastructure Investment and Jobs Act-funded project; however, due to budget constraints, State funds were needed to complete the project.

### **Federal Bipartisan Infrastructure Law (BIL) - Infrastructure Investment and Jobs Act (IIJA)**

Fiscal year 2023 was an important and busy year for the OGMD's Orphan Well staff, as they helped secure a \$25 million Initial IIJA Grant from the U.S. Department of the Interior. The Orphan Well staff organized approximately 400 orphan wells and facilities into 27 biddable projects. Bid documents were written, mandatory on-site pre-bid meetings were conducted, submitted bids were evaluated, and nine vendors were awarded contracts. The first project was started in January 2023, and from January 1 to September 30, 2023, approximately 200 orphan wells and facilities have been plugged and/or decommissioned.

### **2024 Orphan Well List**

The Orphan Well List (List), prepared by the OGMD, is a compiled listing of oil or gas wells scheduled to be plugged, oil or gas facilities scheduled to be decommissioned, and those at which interim response, remedial investigation, remediation, or site restoration should be performed with money from the Orphan Well Fund and/or federal IIJA Grant funds. The List is arranged in order of priority using the score assessment determined for each well or project. The entire cost of each well or project, as well as the cost of each phase of the project, are estimated (plugging costs, interim responses, etc.).

Abandoned oil and gas wells that qualify for plugging under Part 616 must be scored prior to being added to the List. All wells are scored (prioritized) utilizing a Well Assessment Program. The Well Assessment Program was developed by the OGMD. This system factors in: environmental justice considerations, presence and type of contaminants in soils or groundwater from spills, potential for future contamination, sensitivity of drinking water supplies, degree to which groundwater is protected by geology, age of the well, presence of hydrogen sulfide gas, potential for public exposure to contaminants, the environmental sensitivity of the area, and if elevated levels of naturally occurring radioactive materials (NORM) exist in the well or associated equipment.

The score values are only applicable within their respective category. All Category I Wells have priority over Category II Wells. However, special considerations may necessitate temporarily bypassing a well with a higher score in favor of a well with a lower score. Such considerations include assessment of risk and available technology to successfully resolve a situation, the inability to obtain access to the location, or the need to obtain auxiliary permits.

APPENDIX A

**TABLE I: ORPHAN WELL FUND EXPENDITURES FOR FISCAL YEAR 2023  
CATEGORY I & II WELLS**

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CATEGORY	PLUGGING COSTS	SITE RESTORATION	EVALUATION	REMEDIAL ACTION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Saint Clair	20551	1957	Northeastern Energy Corporation	Waltos, et al 1	IC	\$31,338	\$0	\$0	\$0	\$31,338	63	25
Oceana	16972	1951	Claybanks Oil Company	Neilsen 1	II	\$39,362	\$0	\$0	\$0	\$39,362	102	32
Ottawa	7871	1940	Fisher McCall	Van Single 1	IB	\$0	\$0	\$0	\$50,977	\$50,977	89	30
Orphan Well Program Category I & II Costs:						\$70,700	\$0	\$0	\$50,977	\$121,677		

TB = Tank Battery

CATEGORY IA = wells are abandoned oil and gas wells that are leaking significant volumes of gas or that, as a result of leaking oil or brine, are contaminating the groundwater used for public consumption.

CATEGORY IB = wells are abandoned oil and gas wells that are leaking oil, resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.

CATEGORY IC = wells are abandoned oil and gas wells that are leaking gas or brine, resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.

CATEGORY II = wells are abandoned, non-leaking wells.

**TABLE II: ORPHAN WELL FUND EXPENDITURES FOR FISCAL YEAR 2023  
CATEGORY III WELLS**

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CATEGORY	PLUGGING COSTS	SITE RESTORATION	EVALUATION	REMEDIAL ACTION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Gladwin	19368	1955	Lakeland Oil Corporation	School Road	III	\$3,258	\$1,461	\$500	\$0	\$5,219	99	34
All Counties		2023	Parsons Environmental	Methane Emission Testing	III			\$4,392		\$4,392		
Orphan Well Program Category III Costs:						\$3,258	\$1,461	\$4,892	\$0	\$9,611		

\*\* = Continuing Ground Water Remediation Project

Category III = wells have been plugged or facilities have been decommissioned; however, site restoration and/or site remediation has not yet been completed.

**TABLE III: ORPHAN WELL LIST FOR 2024  
CATEGORY I WELLS**

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/ FACILITY NAME	WELL/ FACILITY SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE	
<b>CATEGORY IA:</b> Wells are leaking significant volumes of gas or that, as a result of leaking oil or brine, are contaminating the groundwater used for public consumption.													
<b>None</b>													
<b>CATEGORY IB:</b> Wells are leaking oil, resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.													
Van Single Project	Ottawa	7871	1959	Fisher McCall	Van Single 1	26	25	\$850,000	\$50,000	\$900,000	89	30	
Van Single Project	Ottawa	7959	1959	Fisher McCall	Van Single 2	24	25	\$850,000	\$50,000	\$900,000	89	30	
							Total Cost	\$1,700,000	\$100,000	\$1,800,000			
<b>CATEGORY IC:</b> Wells are leaking gas or brine, resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.													
Northeastern Energy Initial Project	Saint Clair	21374	1959	Northeastern Energy Corp.	Blazczak 1	23	20	\$220,000	\$15,000	\$235,000	63	25	
Northeastern Energy Initial Project	Saint Clair	19780	1955	Northeastern Energy Corp.	Teltow 1	21	20	\$220,000	\$15,000	\$235,000	63	25	
								Total Costs:	\$440,000	\$30,000	\$470,000		

**TABLE III: ORPHAN WELL LIST FOR 2024  
CATEGORY II WELLS - PRIORITIZED**

Category II = wells and facilities are abandoned; non-leaking

Projects are delineated by the alternatively shaded and non-shaded groups

FN = Facility Number

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/FACILITY NAME	SITE SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
Energex Petroleum - Addison 12 CPF	Oakland	FN 12	NA	Energex Petroleum	Addison 12 CPF	30	30	\$500,000	\$50,000	\$550,000	66	24
Fisher McCall Airport	Ottawa	17280	1950	Fisher McCall	Moss CJ D2	28	21	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Airport	Ottawa	8465	1940	Fisher McCall	Moss C B1	24	21	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Airport	Ottawa	17557	1950	Fisher McCall	Boynton George 1	23	21	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Airport	Ottawa	17640	1940	Fisher McCall	Moss CJ D3	22	21	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Airport	Ottawa	19029	1950	Fisher McCall	Boynton George 3	19	21	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Airport	Ottawa	21680	1965	Fisher McCall	Boynton George 4	17	21	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Airport	Ottawa	16969	1950	Fisher McCall	Moss CJ D1	17	21	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Airport	Ottawa	15567	1950	Fisher McCall	Moss CJ C2	17	21	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall 12th Avenue	Ottawa	8261	1940	Fisher McCall	Moss C1	21	18	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall 12th Avenue	Ottawa	8617	1940	Fisher McCall	Mackus H B4	18	18	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall 12th Avenue	Ottawa	8548	1940	Fisher McCall	Mackus H3	18	18	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall 12th Avenue	Ottawa	8400	1940	Fisher McCall	Mackus H2	18	18	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall 12th Avenue	Ottawa	8329	1940	Fisher McCall	Moss C2	18	18	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall 12th Avenue	Ottawa	15642	1950	Fisher McCall	Wadsworth Harry 1	17	18	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall 12th Avenue	Ottawa	15581	1950	Fisher McCall	Berger WM 1	17	18	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall 12th Avenue	Ottawa	24492	1965	Fisher McCall	Boynton George 5A	17	18	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Facilities	Ottawa	FN 1438	1940	Fisher McCall	Moss B1 A3-02	20	17	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Facilities	Ottawa	FN 1441	1940	Fisher McCall	Heyboer 1 A2-12	17	17	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Facilities	Ottawa	FN 1439	1940	Fisher McCall	Boynton 5A	16	17	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Facilities	Ottawa	FN 1437	1940	Fisher McCall	Mackus 1 A2-02	16	17	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Tallmadge	Ottawa	8542	1940	Fisher McCall	Heyboer Peter 1	19	16	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Tallmadge	Ottawa	15798	1950	Fisher McCall	Heyboer Peter 2	17	16	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Tallmadge	Ottawa	19270	1950	Fisher McCall	Heyboer Peter 4	17	16	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Tallmadge	Ottawa	19388	1960	Fisher McCall	Heyboer Peter 5	17	16	\$250,000	\$10,000	\$260,000	89	30
Fisher McCall Tallmadge	Ingham	35876	1975	Fisher McCall	Sheathelm 1-29	13	16	\$120,000	\$10,000	\$130,000	73	21
Fisher McCall Tallmadge	Ingham	FN 2278	1975	Fisher McCall	Sheathelm 1-29	12	16	\$50,000	\$10,000	\$60,000	73	21
Northeastern Energy Initial Project	Saint Clair	FN 1116	NA	Northeastern Energy Corp.	Karolak TB	24	20	\$40,000	\$10,000	\$50,000	63	25
Northeastern Energy Initial Project	Saint Clair	22154	1960	Northeastern Energy Corp.	Karolak 0-1	23	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Energy Initial Project	Saint Clair	22715	1960	Northeastern Energy Corp.	Schultz Et Ux 1	20	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Energy Initial Project	Saint Clair	22772	1961	Northeastern Energy Corp.	Schulz Et Ux 2	19	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Energy Initial Project	Saint Clair	FN 1150	NA	Northeastern Energy Corp.	Schulz CTB	22	20	\$40,000	\$10,000	\$50,000	63	25
Northeastern Energy Initial Project	Saint Clair	FN 188	NA	Northeastern Energy Corp.	Peters Central Compression Facility	20	20	\$40,000	\$10,000	\$50,000	63	25
Northeastern Energy Initial Project	Saint Clair	FN 1128	1959	Northeastern Energy Corp.	Uppleger TB	15	20	\$40,000	\$20,000	\$60,000	63	25
Northeastern Energy Initial Project	Saint Clair	FN 1085	NA	Northeastern Energy Corp.	Desgrandchamp WSS TB	13	20	\$40,000	\$10,000	\$50,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	21879	1959	Northeastern Energy Corp.	Baumgarten C-0-1	22	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	23884	1962	Northeastern Energy Corp.	Ignasiak-Matuja 1	22	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	24505	1962	Venture Oil and Gas	Thueme 1A	22	20	\$110,000	\$30,000	\$140,000	63	12
Northeastern Boyd & Venture Oil	Saint Clair	22718	1960	Northeastern Energy Corp.	Taetz 02	21	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	17717	1959	Northeastern Energy Corp.	Weiss Comm B-1	20	20	\$120,000	\$15,000	\$135,000	63	12
Northeastern Boyd & Venture Oil	Saint Clair	21397	1959	Northeastern Energy Corp.	Baumgarten B-1	20	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	21899	1959	Northeastern Energy Corp.	Ringel 0-2	20	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	23355	1961	Northeastern Energy Corp.	Jablonski 01	20	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	24126	1962	Northeastern Energy Corp.	Ignasiak-Matuja 2	19	20	\$120,000	\$15,000	\$135,000	63	25



**TABLE III: ORPHAN WELL LIST FOR 2024  
CATEGORY II WELLS - PRIORITIZED**

Category II = wells and facilities are abandoned; non-leaking

Projects are delineated by the alternatively shaded and non-shaded groups

FN = Facility Number

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/FACILITY NAME	SITE SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
Northeastern Boyd & Venture Oil	Saint Clair	25404	1964	Northeastern Energy Corp.	Jablonski 2	19	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	21319	1960	Northeastern Energy Corp.	Ringel 0-3	18	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	21570	1959	Northeastern Energy Corp.	Reske Et Al 0-1	18	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	21718	1959	Northeastern Energy Corp.	Blaszczak B0-1	17	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Boyd & Venture Oil	Saint Clair	FN 940	NA	Northeastern Energy Corp.	Ignasiak-Matuja CTB	18	20	\$40,000	\$10,000	\$50,000	63	25
Northeastern Casco Sec 15, 23-26	Saint Clair	23081	1961	Northeastern Energy Corp.	Teutsch 1	22	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 15, 23-26	Saint Clair	23845	1962	Northeastern Energy Corp.	Fish 2	22	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 15, 23-26	Saint Clair	21221	1958	Northeastern Energy Corp.	Baumgarten & Rewalt 1	21	20	\$120,000	\$15,000	\$135,000	65	25
Northeastern Casco Sec 15, 23-26	Saint Clair	23012	1961	Northeastern Energy Corp.	Spurlock 1	21	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 15, 23-26	Saint Clair	23345	1961	Northeastern Energy Corp.	Kammer 1	21	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 15, 23-26	Saint Clair	25956	1965	Northeastern Energy Corp.	Rewalt-Teltow 1	21	20	\$120,000	\$15,000	\$135,000	65	25
Northeastern Casco Sec 15, 23-26	Saint Clair	23041	1961	Northeastern Energy Corp.	Smith Et Ux 6	20	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 15, 23-26	Saint Clair	23097	1961	Northeastern Energy Corp.	Smith 5	20	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 15, 23-26	Saint Clair	23151	1961	Northeastern Energy Corp.	Schomburg & Bousson Unit 2	20	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 15, 23-26	Saint Clair	23040	1961	Northeastern Energy Corp.	Spurlock 2	19	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 15, 23-26	Saint Clair	22964	1961	Northeastern Energy Corp.	Schomburg & Bousson Unit 1	18	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 15, 23-26	Saint Clair	23958	1962	Northeastern Energy Corp.	Edge & Schlottman Et al #1	18	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 27	Saint Clair	23124	1961	Northeastern Energy Corp.	Voight B-01	23	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 27	Saint Clair	22807	1960	Northeastern Energy Corp.	Lindke & Smith B-01	21	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 27	Saint Clair	22666	1960	Northeastern Energy Corp.	Smith Et Ux 1	20	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 27	Saint Clair	22824	1960	Northeastern Energy Corp.	Smith Et Ux 3	19	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 27	Saint Clair	22847	1960	Northeastern Energy Corp.	Lindke & Smith B-02	18	20	\$120,000	\$15,000	\$135,000	63	25
Northeastern Casco Sec 27	Saint Clair	23093	1961	Northeastern Energy Corp.	Smith Et Ux 4	18	20	\$120,000	\$15,000	\$135,000	63	25
Rainbow Oil Facility Project	Hillsdale	FN 873	NA	Rainbow Oil & Gas	Carpenter B1-22 CTB	21	19	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil Facility Project	Hillsdale	FN 875	NA	Rainbow Oil & Gas	Flick 21A CTB	17	19	\$250,000	\$50,000	\$300,000	35	16
Well Master Oakland	Oakland	59947	2009	Well Master Production	HCMA 1-16C	16	18	\$80,000	\$125,000	\$205,000	51	23
Well Master Oakland	Oakland	56840	2005	Well Master Production	State Milford & Jar Co 1-36	19	18	\$80,000	\$125,000	\$205,000	51	23
New Haven Sec 5-10 & Plank 1-1	Gratiot	26779	1967	New Haven Energy	Shuttleworth 1	18	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Gratiot	23452	1961	New Haven Energy	MCGC 18	19	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Gratiot	3641	1936	New Haven Energy	Stoffs 1	18	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Gratiot	22186	1960	New Haven Energy	MCGC D-2	17	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Gratiot	3899	1937	New Haven Energy	Standish 1	20	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Gratiot	3630	1936	New Haven Energy	F.M. Brown 1	17	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Gratiot	22132	1960	New Haven Energy	MCGC 11	18	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Gratiot	22133	1960	New Haven Energy	MCGC 12	18	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Gratiot	22135	1960	New Haven Energy	MCGC 14	18	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Gratiot	30886	1976	New Haven Energy	MCGC NH 328-A	17	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Gratiot	32242	1978	New Haven Energy	MCGC NH 357-A	16	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 5-10 & Plank 1-1	Montcalm	60175	2011	New Haven Energy	Plank 1-1 Re-Entry	15	18	\$80,000	\$10,000	\$90,000	93	33
New Haven Sumner Sec 31-33	Gratiot	8395	1941	New Haven Energy	Wanamaker 1	18	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sumner Sec 31-33	Gratiot	22185	1960	New Haven Energy	MCGC D-1	17	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sumner Sec 31-33	Gratiot	23453	1961	New Haven Energy	MCGC 15	18	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sumner Sec 31-33	Gratiot	6719	1939	New Haven Energy	Forquer 1	17	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sumner Sec 31-33	Gratiot	22122	1960	New Haven Energy	MCGC 1	17	18	\$80,000	\$10,000	\$90,000	93	34

**TABLE III: ORPHAN WELL LIST FOR 2024  
CATEGORY II WELLS - PRIORITIZED**

Category II = wells and facilities are abandoned; non-leaking

Projects are delineated by the alternatively shaded and non-shaded groups

FN = Facility Number

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/FACILITY NAME	SITE SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
New Haven Sumner Sec 31-33	Gratiot	22123	1960	New Haven Energy	MCGC 2	21	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sumner Sec 31-33	Gratiot	22124	1960	New Haven Energy	MCGC 3	19	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sumner Sec 31-33	Gratiot	22125	1960	New Haven Energy	MCGC 4	18	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Sumner Sec 31-33	Gratiot	5019	1938	New Haven Energy	Johnson, Clyde, & Stoughton 1	17	18	\$80,000	\$10,000	\$90,000	93	34
New Haven Compressor Station	Gratiot	FN 2843	NA	New Haven Energy	New Haven Compressor Station	18	18	\$250,000	\$50,000	\$300,000	93	34
Northeastern Facility Project	Saint Clair	21104	1958	Northeastern Energy Corp.	Desgrandchamp, Wolf, Schank, Schultz 1	NA	18	\$0	\$50,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	21184	1958	Northeastern Energy Corp.	Upplegger 1	15	18	\$0	\$15,000	\$15,000	63	25
Northeastern Facility Project	Saint Clair	FN 1081	NA	Northeastern Energy Corp.	Baumgarten-Rewalt TB	21	18	\$40,000	\$10,000	\$50,000	65	25
Northeastern Facility Project	Saint Clair	FN 1122	NA	Northeastern Energy Corp.	Rewalt Teltow TB	19	18	\$40,000	\$10,000	\$50,000	65	25
Northeastern Facility Project	Saint Clair	FN 1154	NA	Northeastern Energy Corp.	Schulz 3 TB	18	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	21703	1959	Northeastern Energy Corp.	Burman 0-1	17	18	\$0	\$15,000	\$15,000	63	25
Northeastern Facility Project	Saint Clair	23463	1961	Northeastern Energy Corp.	Thueme 1	16	18	\$0	\$15,000	\$15,000	63	25
Northeastern Facility Project	Saint Clair	FN 1151	NA	Northeastern Energy Corp.	Smith 2 CTB	22	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 1119	NA	Northeastern Energy Corp.	Lindke Smith B1 CTB	18	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 1120	NA	Northeastern Energy Corp.	Lyszcyk 2 CTB	19	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 1123	NA	Northeastern Energy Corp.	Schomberg Bousson CTB	18	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 1125	NA	Northeastern Energy Corp.	Spurlock CTB	16	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 1082	NA	Northeastern Energy Corp.	Burmann TB	17	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 922	NA	Northeastern Energy Corp.	Blazczak TB	19	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 924	NA	Northeastern Energy Corp.	Blazczak B TB	18	18	\$730	\$10,000	\$10,730	63	25
Northeastern Facility Project	Saint Clair	FN 944	NA	Northeastern Energy Corp.	Reske 0-1 TB	20	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 3391	NA	Northeastern Energy Corp.	Ringel 2 CTB	18	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 969	NA	Northeastern Energy Corp.	Baumgarten CTB	18	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 945	NA	Northeastern Energy Corp.	Taetz 0-2 TB	16	18	\$40,000	\$10,000	\$50,000	63	25
Northeastern Facility Project	Saint Clair	FN 941	NA	Northeastern Energy Corp.	Jablonski CTB	15	18	\$40,000	\$10,000	\$50,000	63	25
Blue Bay Facility Project	Benzie	FN 2894	NA	Blue Bay Oil & Gas	Hungry Horses 31 TB	15	17	\$100,000	\$10,000	\$110,000	104	32
Blue Bay Facility Project	Benzie	FN 3269	NA	Blue Bay Oil & Gas	Joyfield-Putney D1-35 SWD CTB	17	17	\$100,000	\$10,000	\$110,000	104	32
Blue Bay Facility Project	Benzie	FN 3175	NA	Blue Bay Oil & Gas	Joyfield-Wallaker Booster D1-36	17	17	\$120,000	\$20,000	\$140,000	104	32
Blue Bay Facility Project	Manistee	FN 3142	NA	Blue Bay Oil & Gas	Reed Booster CPF	15	17	\$100,000	\$20,000	\$120,000	104	32
Blue Bay Facility Project	Manistee	FN 2055	NA	Blue Bay Oil & Gas	Pleasanton 26 CPF	22	17	\$400,000	\$30,000	\$430,000	104	32
Energex Petroleum Multi-Well Project	Oakland	32168	1978	Energex Petroleum	Lanphar 1-12	16	17	\$150,000	\$15,000	\$165,000	66	24
Energex Petroleum Multi-Well Project	Oakland	32366	1979	Energex Petroleum	Lanphar 2-12	16	17	\$150,000	\$15,000	\$165,000	66	24
Energex Petroleum Multi-Well Project	Oakland	32541	1978	Energex Petroleum	Lanphar 3-12	16	17	\$150,000	\$15,000	\$165,000	66	24
Energex Petroleum Multi-Well Project	Oakland	32579	1979	Energex Petroleum	Morris 4-12	16	17	\$150,000	\$15,000	\$165,000	66	24
Energex Petroleum Multi-Well Project	Oakland	39257	1987	Energex Petroleum	Lanphar 7-12	16	17	\$150,000	\$15,000	\$165,000	66	24
Energex Petroleum Multi-Well Project	Macomb	29994	1974	Energex Petroleum	Jones Unit 1-30	19	17	\$150,000	\$15,000	\$165,000	66	24
Energex Petroleum Multi-Well Project	Macomb	30518	1975	Energex Petroleum	Ross Unit 1-31	17	17	\$150,000	\$15,000	\$165,000	66	24
Energex Petroleum Multi-Well Project	Saint Clair	24615	1963	Energex Petroleum	Marcinkiewicz 2	17	17	\$150,000	\$15,000	\$165,000	65	25
Energex Petroleum Multi-Well Project	Saint Clair	24616	1963	Energex Petroleum	Stoltz 2	16	17	\$150,000	\$15,000	\$165,000	65	25
New Haven Sec 3	Gratiot	3537	1936	New Haven Energy	Smith 2	16	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 3	Gratiot	3696	1936	New Haven Energy	Browne 1	18	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 3	Gratiot	22134	1960	New Haven Energy	MCGC 13	18	17	\$80,000	\$10,000	\$90,000	93	34

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CATEGORY II WELLS - PRIORITIZED**

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FN = Facility Number

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/FACILITY NAME	SITE SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
New Haven Sec 3	Gratiot	27638	1969	New Haven Energy	MCGC NH 333-A	16	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 3	Gratiot	32241	1978	New Haven Energy	MCGC NH 350A	17	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	3284	1936	New Haven Energy	Shaver 3-B	19	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	3294	1936	New Haven Energy	Shaver Robert B 1	17	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	3355	1936	New Haven Energy	Shaver R B 1	20	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	3418	1936	New Haven Energy	Shaver R B 2	19	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	3541	1936	New Haven Energy	Shaver R B 5	17	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	3585	1936	New Haven Energy	Shaver R B 6	18	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	21608	1960	New Haven Energy	Shaver R B 3	16	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	21611	1936	New Haven Energy	Shaver R B 7	17	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	22126	1960	New Haven Energy	MCGC 5	16	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	22127	1960	New Haven Energy	MCGC 6	18	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	22128	1961	New Haven Energy	MCGC 7	18	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	22129	1960	New Haven Energy	MCGC NH 8	16	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	22130	1960	New Haven Energy	MCGC 9	17	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	30884	1976	New Haven Energy	MCGC NH 162-A	16	17	\$80,000	\$10,000	\$90,000	93	34
New Haven Sec 4	Gratiot	31581	1977	New Haven Energy	MCGC NH 161-A	15	17	\$80,000	\$10,000	\$90,000	93	34
Country Boy Oil Multi-Well Project	Newaygo	40936	1988	Country Boy Oil Company	Walch 1-32	15	16	\$200,000	\$10,000	\$210,000	101	33
Country Boy Oil Multi-Well Project	Newaygo	54728	2002	Country Boy Oil Company	Walch 4-4	16	16	\$200,000	\$10,000	\$210,000	101	33
Country Boy Oil Multi-Well Project	Newaygo	54852	2002	Country Boy Oil Company	Walch 5-4	16	16	\$200,000	\$10,000	\$210,000	101	33
Country Boy Oil Multi-Well Project	Newaygo	57401	2007	Oceana Production	Enders 1	16	16	\$200,000	\$10,000	\$210,000	101	33
Country Boy Oil Multi-Well Project	Oceana	55341	2002	Oceana Production	Brown 2-25	16	16	\$200,000	\$30,000	\$230,000	100	34
Country Boy Oil Multi-Well Project	Newaygo	37328	1984	Black River Oil	Vanderley & Millis 1-5C	16	16	\$200,000	\$10,000	\$210,000	101	33
Country Boy Oil Multi-Well Project	Newaygo	40098	1986	Black River Oil	Schropp 1-9	16	16	\$200,000	\$10,000	\$210,000	101	33
Country Boy Oil Multi-Well Project	Oceana	40841	1988	Black River Oil	Brown 1-25A	15	16	\$200,000	\$10,000	\$210,000	100	34
Kern Tank Battery Project	Lapeer	FN 1515	NA	Kern, Yvonne	Yvonne Kern TB	15	15	\$50,000	\$10,000	\$60,000	82	36
Northstar Facility Project	Charlevoix	FN 3094	2007	Northstar Energy	Chandler D2-26 (Chandler North) GCF	16	15	\$100,000	\$20,000	\$120,000	105	15
Northstar Facility Project	Charlevoix	FN 2981	2005	Northstar Energy	Hudson C2-13 (Hudson 13) SF	16	15	\$100,000	\$20,000	\$120,000	105	37
Northstar Facility Project	Charlevoix	FN 2989	2004	Northstar Energy	Hudson D1-15 (Hudson NE) SF	16	15	\$100,000	\$20,000	\$120,000	105	37
Northstar Facility Project	Charlevoix	FN 2990	2005	Northstar Energy	Hudson B2-19 (Hudson NW) SF	14	15	\$100,000	\$20,000	\$120,000	105	37
Northstar Facility Project	Charlevoix	FN 2968	2005	Northstar Energy	Hudson B3-20 SF	16	15	\$100,000	\$20,000	\$120,000	105	37
Northstar Facility Project	Charlevoix	FN 2923	2004	Northstar Energy	Hudson 34 (D2-28) CPF	16	15	\$250,000	\$20,000	\$270,000	105	37
Northstar Facility Project	Charlevoix	56323	2005	Northstar Energy	Frontier SHR 8-30 SWD	NA	15	\$100,000	\$20,000	\$120,000	105	37
Northstar Facility Project	Cheboygan	FN 23271	2006	Northstar Energy	Wilmot C2-34 (Ashley C2-34 SWD) SF	14	15	\$100,000	\$20,000	\$120,000	106	37
Northstar Facility Project	Cheboygan	FN 2979	2005	Northstar Energy	Wilmot B2-34 (Blackbear) CPF	16	15	\$150,000	\$20,000	\$170,000	106	37
Northstar Facility Project	Montmorency	FN 2982	2005	Northstar Energy	W Montmorency B4-32 (Blue chip) CPF	12	15	\$100,000	\$20,000	\$120,000	105	37
Northstar Facility Project	Otsego	FN 3060	2006	Northstar Energy	W Corwith C2-5 GCF	13	15	\$100,000	\$20,000	\$120,000	105	36
Rainbow Oil	Calhoun	59013	2008	Rainbow Oil & Gas	Warner 2-7	18	15	\$100,000	\$85,000	\$185,000	44	17
Rainbow Oil	Hillsdale	37942	1984	Rainbow Oil & Gas	Flick 1-16	14	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	38407	1984	Rainbow Oil & Gas	Flick 2-16	14	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	38651	1985	Rainbow Oil & Gas	Flick 6-16	14	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	41457	1988	Rainbow Oil & Gas	Fort 6-17	14	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	41482	1988	Rainbow Oil & Gas	Warner 1-17	13	15	\$100,000	\$10,000	\$110,000	35	16

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Rainbow Oil	Hillsdale	42219	1989	Rainbow Oil & Gas	Warner 2-17	12	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	42270	1989	Rainbow Oil & Gas	Morgan 2-17	12	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	37888	1984	Rainbow Oil & Gas	Flick 1-21	14	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	39227	1985	Rainbow Oil & Gas	Mayo & Smith 1-21A	16	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	39614	1986	Rainbow Oil & Gas	Kimble & Mayo 4-21	18	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	40120	1986	Rainbow Oil & Gas	Kimble & Sharp 2-21A	16	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	37796	1984	Rainbow Oil & Gas	Arco & Winner 1-27	17	15	\$100,000	\$10,000	\$110,000	35	16
Rainbow Oil	Hillsdale	FN 2799	NA	Rainbow Oil & Gas	Arco & Winner 1-27 TB	NA	NA	\$40,000	\$10,000	\$50,000	35	16
Wellmaster - HCMA Unit 1 TB Project	Oakland	FN 2495	NA	Wellmaster Production	HCMA Unit 1 TB	15	15	\$300,000	\$25,000	\$325,000	51	23
Well Master Mecosta-Newaygo	Mecosta	60486	2011	Well Master Production	Troyer 1-7A	14	15	\$150,000	\$20,000	\$170,000	101	33
Well Master Mecosta-Newaygo	Newaygo	56879	2005	Well Master Production	Daniels 1-1B	15	15	\$200,000	\$50,000	\$250,000	101	33
Southern Michigan Plugging Project	Mecosta	16555	1951	Cities Service Oil Company	Peter MacFarlane 1	16	14	\$100,000	\$10,000	\$110,000	102	33
Southern Michigan Plugging Project	Newaygo	26015	1968	Beck, George	Peets 1	15	14	\$100,000	\$10,000	\$110,000	101	33
Southern Michigan Plugging Project	Washtenaw	1051	1930	Villette, Alfred	Atchinson 1	14	14	\$120,000	\$25,000	\$145,000	97	36
Southern Michigan Plugging Project	Saint Clair	28561	1971	Mineral Dredge LLC	Warrington Thomas 1	14	14	\$100,000	\$25,000	\$125,000	81	25
Southern Michigan Plugging Project	Calhoun	32917	1979	Paul Piepkow	Piepkow 2-12	13	14	\$100,000	\$10,000	\$110,000	44	17
Southern Michigan Plugging Project	Calhoun	29555	1974	James Koyl	Koyl 4-15	13	14	\$100,000	\$10,000	\$110,000	44	17
Southern Michigan Plugging Project	Saint Clair	506	1929	Patterson, BP Trustee	Routley 1	13	14	\$225,000	\$50,000	\$275,000	83	25
Southern Michigan Plugging Project	Mecosta	2909	1936	Hal Be Oyle and Gas Corp	Sears, F. 1	12	14	\$75,000	\$5,000	\$80,000	102	33
Blue Bay Multi-Well Project	Benzie	60251	2011	Blue Bay Oil & Gas	Hart C2-34	18	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59540	2010	Blue Bay Oil & Gas	Zenker D4-34	15	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59589	2009	Blue Bay Oil & Gas	Nyquist B2-35	15	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59127	2008	Blue Bay Oil & Gas	Putney D1-35	14	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59128	2008	Blue Bay Oil & Gas	Smeltzer A2-33	14	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59253	2008	Blue Bay Oil & Gas	Lathwell Farms A2-34	14	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59488	2008	Blue Bay Oil & Gas	Smeltzer B4-28	14	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59639	2010	Blue Bay Oil & Gas	Frank C4-27	14	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59685	2009	Blue Bay Oil & Gas	Lathwell Farms B4-34	14	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59726	2010	Blue Bay Oil & Gas	Presidium D1-36 SWD	14	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	60084	2010	Blue Bay Oil & Gas	Barrett D1-36	14	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	60187	2010	Blue Bay Oil & Gas	Barrett C2-36	14	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	60191	2010	Blue Bay Oil & Gas	State Joyfield & Putney C2-35	14	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59481	2008	Blue Bay Oil & Gas	Frank A2-36	13	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59489	2008	Blue Bay Oil & Gas	McDougall C4-35	13	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59515	2009	Blue Bay Oil & Gas	Smeltzer A4-33	13	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59560	2009	Blue Bay Oil & Gas	Lathwell D1-26	13	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59686	2009	Blue Bay Oil & Gas	Lathwell Farms A4-34	13	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59697	2009	Blue Bay Oil & Gas	Putney D1-35 SWD	13	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	60255	2011	Blue Bay Oil & Gas	Reed B2-27	13	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59030	2008	Blue Bay Oil & Gas	Zenker D4-14	12	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59541	2009	Blue Bay Oil & Gas	Smeltzer C4-28	12	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	60123	2010	Blue Bay Oil & Gas	Lathwell Farms B1-34	12	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	60283	2011	Blue Bay Oil & Gas	Pietszyk A2-26	12	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59590	2010	Blue Bay Oil & Gas	State Joyfield & Sauer B3-23	11	13	\$7,080	\$3,540	\$10,620	101	32

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Blue Bay Multi-Well Project	Benzie	60197	2010	Blue Bay Oil & Gas	State Joyfield B1-36	11	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	60259	2011	Blue Bay Oil & Gas	Hart D1-34	11	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59291	2008	Blue Bay Oil & Gas	Lindgren D1-14	10	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59538	2008	Blue Bay Oil & Gas	Evans Bros. Fruit Co. C1-33	10	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59539	2008	Blue Bay Oil & Gas	Evans Bros. Fruit Co. D2-33	10	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	60258	2011	Blue Bay Oil & Gas	Smeltzer C4-33	9	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Manistee	59428	2008	Blue Bay Oil & Gas	Wallace D1-1	13	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59083	2008	Blue Bay Oil & Gas	Powers C4-9	14	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59087	2008	Blue Bay Oil & Gas	Weber A4-10	12	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	58988	2008	Blue Bay Oil & Gas	Hughes A3-11	13	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	59723	2009	Blue Bay Oil & Gas	Sproul & Reed D1-11	13	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59762	2010	Blue Bay Oil & Gas	Pierson C2-11	11	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59724	2009	Blue Bay Oil & Gas	Sproul B1-14	17	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59748	2010	Blue Bay Oil & Gas	State Pleasanton & Miller D1-14	15	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59355	2008	Blue Bay Oil & Gas	State Pleasanton & Reed B3-15	14	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59630	2009	Blue Bay Oil & Gas	Lamont D1-15	13	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59718	2009	Blue Bay Oil & Gas	Lamont C2-15	12	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59761	2010	Blue Bay Oil & Gas	Miller & Nowak C4-15	16	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	59587	2008	Blue Bay Oil & Gas	Reed B3-15 SWD	14	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	50612	1996	Blue Bay Oil & Gas	State Pleasanton 3-25	11	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	50613	1996	Blue Bay Oil & Gas	State Pleasanton 4-25	11	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	50620	1996	Blue Bay Oil & Gas	Pittenger 12-25	13	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	50625	1996	Blue Bay Oil & Gas	Gordon 16-26	14	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	51287	1997	Blue Bay Oil & Gas	Buckner 1-26 SWD	18	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	49520	1995	Blue Bay Oil & Gas	Eldridge A2-27	15	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	49532	1995	Blue Bay Oil & Gas	Girvin B4-27	15	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	50747	1996	Blue Bay Oil & Gas	Girven 1-27 SWD	15	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	35129	1981	Blue Bay Oil & Gas	Bowling 2-35	13	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	50669	1995	Blue Bay Oil & Gas	State Pleasanton 10-35	13	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	50018	1996	Blue Bay Oil & Gas	Adair C2-36	15	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	50019	1996	Blue Bay Oil & Gas	Adair C1-36	15	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	50020	1995	Blue Bay Oil & Gas	Adair D1-36	13	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	50021	1995	Blue Bay Oil & Gas	Adair D2-36	13	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Manistee	59082	2008	Blue Bay Oil & Gas	Miller B4-12	11	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59427	2008	Blue Bay Oil & Gas	Reed A2-12	13	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	60125	2010	Blue Bay Oil & Gas	Reed C1-12	15	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	60226	2011	Blue Bay Oil & Gas	Jasinski & Taylor B3-12	12	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	60264	2011	Blue Bay Oil & Gas	Vansickle B1-12	11	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	60287	2011	Blue Bay Oil & Gas	Marshall C4-12	10	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59485	2008	Blue Bay Oil & Gas	Powers B1-7	11	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	60178	2010	Blue Bay Oil & Gas	Cutter A2-7	11	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Manistee	59771	2009	Blue Bay Oil & Gas	State Springdale & Tracy Et Al B4-19	13	13	\$14,160	\$3,540	\$17,700	101	35
Blue Bay Multi-Well Project	Benzie	59032	2008	Blue Bay Oil & Gas	Harm D4-32	9	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59056	2008	Blue Bay Oil & Gas	Harm D4-32 SWD	9	13	\$7,080	\$3,540	\$10,620	101	32

**TABLE III: ORPHAN WELL LIST FOR 2024  
CATEGORY II WELLS - PRIORITIZED**

Category II = wells and facilities are abandoned; non-leaking

Projects are delineated by the alternatively shaded and non-shaded groups

FN = Facility Number

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/FACILITY NAME	SITE SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
Blue Bay Multi-Well Project	Benzie	57163	2006	Blue Bay Oil & Gas	Hungry Horse 3-31	11	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59029	2008	Blue Bay Oil & Gas	State Homestead & Oligney B4-13	11	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59058	2008	Blue Bay Oil & Gas	Rosa D4-14	11	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59263	2008	Blue Bay Oil & Gas	Miner B3-17	10	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59278	2008	Blue Bay Oil & Gas	Miner D3-17	11	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59081	2008	Blue Bay Oil & Gas	Baker C3-21	11	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59143	2008	Blue Bay Oil & Gas	State Homestead & Burcroff B4-22	11	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Benzie	59052	2008	Blue Bay Oil & Gas	Lung C4-32 SWD	11	13	\$14,160	\$3,540	\$17,700	101	32
Blue Bay Multi-Well Project	Benzie	59236	2008	Blue Bay Oil & Gas	State Homestead & Knauer B1-32	19	13	\$7,080	\$3,540	\$10,620	101	32
Blue Bay Multi-Well Project	Leelanau	59142	2008	Blue Bay Oil & Gas	Lautner D2-22	11	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Leelanau	59266	2008	Blue Bay Oil & Gas	Parker D1-27	10	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Leelanau	59080	2008	Blue Bay Oil & Gas	Lautner D4-28	10	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Leelanau	59125	2008	Blue Bay Oil & Gas	Ruthardt C4-32	11	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Leelanau	59277	2008	Blue Bay Oil & Gas	Neumann B2-33	10	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Leelanau	59124	2008	Blue Bay Oil & Gas	Alpers B4-34	11	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Leelanau	59252	2008	Blue Bay Oil & Gas	Lautner A1-34	10	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Leelanau	59372	2008	Blue Bay Oil & Gas	Burkhart B3-34	9	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Leelanau	59373	2008	Blue Bay Oil & Gas	Alpers C3-34	9	13	\$7,080	\$3,540	\$10,620	101	35
Blue Bay Multi-Well Project	Leelanau	59079	2008	Blue Bay Oil & Gas	Parker B2-35	12	13	\$7,080	\$3,540	\$10,620	101	35
Dover 33 Plugging & Facility Decommission	Otsego	FN 3299	2011	Putnam Energy LLC	Dover C3-33 TB	13	13	\$150,000	\$25,000	\$175,000	105	36
Dover 33 Plugging & Facility Decommission	Otsego	60296	2011	Putnam Energy LLC	Fieldstone Partners 2-33	13	13	\$75,000	\$0	\$75,000	105	36
Northern Michigan Plugging Project	Arenac	9699	1942	Hankins Taylor C	Zurvitmski, J 1	16	13	\$100,000	\$10,000	\$110,000	97	36
Northern Michigan Plugging Project	Arenac	10216	1943	Fisk Crude Oil Co	Klimick et al 1			\$100,000	\$10,000	\$110,000	97	36
Northern Michigan Plugging Project	Isabella	471	1929	McCandless, J.	Bufford 1	14	13	\$180,000	\$20,000	\$200,000	99	33
Northern Michigan Plugging Project	Tuscola	64	1928	Murphy Oil Co.	Gottler, Adam 1	13	13	\$180,000	\$30,000	\$210,000	84	31
Northern Michigan Plugging Project	Sanilac	966	1930	K-Bar Oil & Gas	Kolodziej 1	13	13	\$150,000	\$10,000	\$160,000	83	25
Northern Michigan Plugging Project	Bay	1016	1930	Eureka Oil Corp	Lambert-Cloverleaf 1	13	13	\$150,000	\$10,000	\$160,000	98	31
Northern Michigan Plugging Project	Saginaw	3996	1937	T.F Caldwell Inc.	Birch Run State Bank 1	13	13	\$150,000	\$10,000	\$160,000	94	32
Northern Michigan Plugging Project	Wexford	1177	1931	Unknown	Cummer Diggins Location	12	13	\$120,000	\$10,000	\$130,000	102	35
Northern Michigan Plugging Project	Sanilac	25939	1965	Simpson, CJ	Hontar 1	11	13	\$2,000	\$1,000	\$3,000	83	25
Northern Michigan Plugging Project	Manistee	39990	1986	Alumni Petro & Resource Mgmt	Marshall Enterprises 1-23C	11	13	\$10,000	\$8,000	\$18,000	101	35

Total Number of Sites: 244 Wells & 50 Facilities = 294 Category II Sites

Total Costs: \$19,296,450 \$3,085,520 \$22,381,970

**TABLE IV: ORPHAN WELL LIST FOR 2024  
CATEGORY II b WELLS – SITES NEEDING FINAL SITE RESTORATION**

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/ FACILITY NAME	WELL/ FACILITY SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
Northstar Multi-Well Project	Charlevoix	56325	2005	Northstar Energy	Frontier SHR A1-31	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56326	2004	Northstar Energy	State Hudson A3-31	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56327	2006	Northstar Energy	Lamy C3-31	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56328	2005	Northstar Energy	Frontier SHR D4-31	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56873	2006	Northstar Energy	Frontier SHR B2-31	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56875	2005	Northstar Energy	Frontier SHR C4-31	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57030	2005	Northstar Energy	Frontier SHR D3-31	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57031	2006	Northstar Energy	State Hudson A4-31	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57032	2005	Northstar Energy	Frontier SHR C1-31	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57213	2005	Northstar Energy	Frontier SHR D1-31	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55709	2003	Northstar Energy	Sevenski A1-32	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56050	2004	Northstar Energy	Mead B2-32	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56329	2005	Northstar Energy	Czerkies A4-32	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56330	2004	Northstar Energy	State Hudson C1-32	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56877	2005	Northstar Energy	Mead C4-32	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56878	2005	Northstar Energy	Mead C3-32	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56886	2006	Northstar Energy	State Hudson B1-32	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55714	2004	Northstar Energy	Frontier SHR B4-33	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55755	2004	Northstar Energy	Frontier SHR C4-33	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56502	2006	Northstar Energy	State Hudson A2-33	16	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56588	2005	Northstar Energy	Frontier SHR A4-33	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57233	2006	Northstar Energy	Frontier SHR D4-33	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58100	2006	Northstar Energy	Frontier SHR C3-33	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	51026	1998	Northstar Energy	Kosc C4-34	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55717	2004	Northstar Energy	Frontier SHR B1-34	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55720	2005	Northstar Energy	Frontier SHR D3-34	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55978	2004	Northstar Energy	Kosc 9-34 SWD	14	12	\$5,693	\$2,640	\$8,333	105	37
Northstar Multi-Well Project	Charlevoix	56121	2004	Northstar Energy	Zawistowski B3-34	16	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58154	2006	Northstar Energy	Frontier SHR A1-34	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55721	2004	Northstar Energy	Frontier SHR B1-35	15	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55722	2004	Northstar Energy	State Hudson & Frontier SHR D1-35	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55723	2004	Northstar Energy	Frontier SHR D2-35	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55724	2004	Northstar Energy	State Hudson & Frontier SHR D3-35	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55753	2004	Northstar Energy	State Hudson & Frontier SHR C3-35	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56122	2004	Northstar Energy	Oelke A2-35	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56123	2004	Northstar Energy	Frontier SHR A3-35	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56124	2004	Northstar Energy	Frontier SHR A4-35	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56125	2004	Northstar Energy	Frontier SHR C1-35	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56126	2004	Northstar Energy	Frontier SHR C2-35	12	12	\$0	\$2,640	\$2,640	105	37

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/ FACILITY NAME	WELL/ FACILITY SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
Northstar Multi-Well Project	Charlevoix	58349	2007	Northstar Energy	Howard A2-26	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58351	2007	Northstar Energy	Howard C1-26	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58420	2007	Northstar Energy	State Chandler & Drenth B1-26	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58421	2007	Northstar Energy	Howard C1-26 SWD	11	12	\$5,693	\$2,640	\$8,333	105	37
Northstar Multi-Well Project	Charlevoix	58487	2007	Northstar Energy	State Chandler & Drenth B3-26	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58350	2007	Northstar Energy	Howard D2-26	15	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58493	2007	Northstar Energy	Miller D4-27	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58004	2006	Northstar Energy	Dayton A3-34	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58005	2007	Northstar Energy	Dye A3-35	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58254	2005	Northstar Energy	Siegrist B1-35	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58255	2007	Northstar Energy	Siegrist C1-35	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58286	2007	Northstar Energy	Siegrist B2-35	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55268	2004	Northstar Energy	State Chandler & Obrien B3-36	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58252	2007	Northstar Energy	O'Brien B3-36 SWD	14	12	\$5,693	\$2,640	\$8,333	105	37
Northstar Multi-Well Project	Charlevoix	58307	2007	Northstar Energy	Matelski A1-36	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Cheboygan	55261	2006	Northstar Energy	State Wilmot D4-28	10	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	57118	2005	Northstar Energy	State Wilmot B4-32	10	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	56589	2005	Northstar Energy	State Wilmot & Joles C3-33	12	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	56590	2005	Northstar Energy	State Wilmot B2-33	12	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	57119	2005	Northstar Energy	State Wilmot A3-33	12	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	57120	2005	Northstar Energy	Apple Blossom B3-33	12	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	57121	2005	Northstar Energy	State Wilmot D2-33	12	12	\$0	\$2,640	\$2,640	106	37
Northstar Multi-Well Project	Cheboygan	57122	2005	Northstar Energy	State Wilmot D1-33	12	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	57123	2005	Northstar Energy	State Wilmot A1-33	12	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	58060	2006	Northstar Energy	State Wilmot C1-33	12	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	58110	2006	Northstar Energy	State Wilmot A2-33	12	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	56747	2005	Northstar Energy	Ashley D2-34	14	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	56748	2005	Northstar Energy	Ashley C2-34	15	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	56787	2005	Northstar Energy	Flickinger A1-34	10	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	56788	2005	Northstar Energy	Flickinger B1-34	14	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	56869	2005	Northstar Energy	Joles C1-34	14	12	\$0	\$2,640	\$2,640	106	37
Northstar Multi-Well Project	Cheboygan	57173	2006	Northstar Energy	Ashley C3-34	14	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	57612	2006	Northstar Energy	Flickinger B2-34	14	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	58082	2006	Northstar Energy	Flickinger A2-34	12	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	58111	2006	Northstar Energy	State Wilmot C4-34	12	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	56378	2006	Northstar Energy	Ashley C2-34 SWD	15	12	\$5,693	\$2,640	\$8,333	106	37
Northstar Multi-Well Project	Cheboygan	56505	2005	Northstar Energy	Aurora B2-34 SWD	12	12	\$0	\$2,640	\$2,640	106	37
Northstar Multi-Well Project	Cheboygan	58489	2007	Northstar Energy	Mikolon C3-35	13	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Cheboygan	58490	2007	Northstar Energy	Mikolon D3-35	13	12	\$0	\$1,320	\$1,320	106	37
Northstar Multi-Well Project	Charlevoix	56241	2004	Northstar Energy	Frontier SHR C3-15	13	12	\$0	\$1,320	\$1,320	105	37
Northstar Multi-Well Project	Charlevoix	56242	2004	Northstar Energy	Frontier SHR A1-15	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56243	2004	Northstar Energy	Frontier SHR A4-15	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56453	2004	Northstar Energy	Aurora D1-15 SWD	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56591	2006	Northstar Energy	Frontier SHR C3-15 SWD	14	12	\$5,693	\$2,640	\$8,333	105	37



PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/ FACILITY NAME	WELL/ FACILITY SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
Northstar Multi-Well Project	Charlevoix	56800	2005	Northstar Energy	Frontier SHR D4-15	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56821	2005	Northstar Energy	Frontier SHR A3-15	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56855	2005	Northstar Energy	Frontier SHR C1-15	15	12	\$0	\$1,320	\$1,320	105	37
Northstar Multi-Well Project	Charlevoix	56856	2005	Northstar Energy	Frontier SHR D3-15	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56857	2005	Northstar Energy	Frontier SHR B2-15	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56918	2005	Northstar Energy	Frontier SHR B1-15	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58065	2007	Northstar Energy	State Hudson A1-15 HD	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58068	2007	Northstar Energy	State Hudson A4-15 HD	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58070	2007	Northstar Energy	State Hudson A2-15 HD	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56240	2004	Northstar Energy	Frontier SHR D1-15	16	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56847	2005	Northstar Energy	Oliver & Frontier SHR D1-16	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56848	2005	Northstar Energy	State Hudson & Smerczak B2-16	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56849	2005	Northstar Energy	State Hudson & Smerczak B1-16	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56850	2005	Northstar Energy	Frontier SHR C1-16	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56853	2005	Northstar Energy	Frontier SHR C3-16	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56854	2005	Northstar Energy	Frontier SHR C4-16	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56939	2005	Northstar Energy	State Hudson & Frontier SHR A3-16	9	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56965	2005	Northstar Energy	State Hudson & Frontier SHR A4-16	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56967	2005	Northstar Energy	Frontier SHR D3-16	16	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57833	2006	Northstar Energy	Frontier SHR C2-16	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56820	2005	Northstar Energy	Frontier SHR B3-17 SWD	15	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57214	2006	Northstar Energy	State Hudson B4-17	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57035	2005	Northstar Energy	Frontier SHR D1-19	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57036	2005	Northstar Energy	Frontier SHR D4-19	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57037	2005	Northstar Energy	Frontier SHR C1-19	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57165	2005	Northstar Energy	Kuzmick A1-19	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57971	2006	Northstar Energy	Frontier SHR C4-19	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57166	2005	Northstar Energy	Kuzmick B2-19	15	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56795	2005	Northstar Energy	Frontier SHR D1-20	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56796	2005	Northstar Energy	Frontier SHR C1-20	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56913	2005	Northstar Energy	Frontier SHR A4-20	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56915	2005	Northstar Energy	Frontier SHR B3-20 SWD	12	12	\$5,693	\$2,640	\$8,333	105	37
Northstar Multi-Well Project	Charlevoix	56940	2005	Northstar Energy	Frontier SHR D4-20	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57079	2005	Northstar Energy	Frontier SHR C4-20	16	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56914	2005	Northstar Energy	Frontier SHR B3-20	16	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56935	2005	Northstar Energy	Frontier SHR A1-21	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56938	2005	Northstar Energy	State Hudson & Frontier SHR D3-21	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56941	2005	Northstar Energy	Frontier SHR D1-21	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57134	2005	Northstar Energy	Frontier SHR C4-21	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57203	2005	Northstar Energy	Frontier SHR A4-21	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57211	2005	Northstar Energy	Frontier SHR B3-21	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56247	2004	Northstar Energy	Frontier SHR A4-22	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56934	2005	Northstar Energy	Frontier SHR A3-22	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56963	2005	Northstar Energy	Frontier SHR D1-22	12	12	\$0	\$2,640	\$2,640	105	37

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/ FACILITY NAME	WELL/ FACILITY SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
Northstar Multi-Well Project	Charlevoix	56083	2004	Northstar Energy	Frontier SHR A3-23	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56249	2004	Northstar Energy	Frontier SHR A2-23	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56250	2004	Northstar Energy	Frontier SHR B2-23	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56251	2005	Northstar Energy	State Hudson & Frontier SHR C4-23	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56379	2005	Northstar Energy	Frontier SHR B2-23 SWD	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56917	2005	Northstar Energy	Frontier SHR D3-23	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57201	2006	Northstar Energy	Frontier SHR A2-26	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55754	2005	Northstar Energy	Frontier SHR B2-27	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56504	2005	Northstar Energy	Frontier SHR A1-27	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57033	2006	Northstar Energy	Frontier SHR C2-27	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57034	2006	Northstar Energy	Frontier SHR A3-27	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57832	2006	Northstar Energy	Frontier SHR A4-27	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55711	2004	Northstar Energy	State Hudson & Wasyleski C3-28	15	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55726	2004	Northstar Energy	Sevenski 1-28 SWD	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56503	2005	Northstar Energy	Frontier SHR B4-28	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56908	2006	Northstar Energy	Superior Real Estate B2-28	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55712	2004	Northstar Energy	Sevenski D2-28	17	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55749	2004	Northstar Energy	State Hudson A1-29	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56044	2004	Northstar Energy	State Hudson & Bell D2-29	14	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56319	2004	Northstar Energy	State Hudson C1-29	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58026	2006	Northstar Energy	State Hudson B2-29	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	55851	2004	Northstar Energy	Frontier SHR C1-30	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56320	2005	Northstar Energy	Frontier SHR A2-30	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56321	2004	Northstar Energy	Frontier SHR C3-30	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56322	2005	Northstar Energy	Frontier SHR B4-30	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56324	2005	Northstar Energy	Boyne Valley Estates D4-30	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56871	2005	Northstar Energy	Frontier SHR B2-30	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56872	2005	Northstar Energy	Frontier SHR B1-30	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56874	2005	Northstar Energy	Frontier SHR A3-30	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56876	2005	Northstar Energy	Frontier SHR B1-30 SWD	12	12	\$5,693	\$2,640	\$8,333	105	37
Northstar Multi-Well Project	Otsego	58061	2006	Northstar Energy	State Corwith & Wilmot A3-4	11	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Otsego	57759	2006	Northstar Energy	Griffith C2-5	13	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Otsego	57665	2006	Northstar Energy	Swartout D3-6	9	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Otsego	57666	2006	Northstar Energy	Swartout C4-6	9	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Otsego	58168	2006	Northstar Energy	Gornick A4-6	10	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Otsego	58169	2006	Northstar Energy	Gornick B4-6	10	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Otsego	58172	2007	Northstar Energy	Schmid A2-6	10	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Otsego	58237	2007	Northstar Energy	Gornick C1-6 SWD	12	12	\$5,693	\$2,640	\$8,333	105	36
Northstar Multi-Well Project	Otsego	58368	2007	Northstar Energy	Frontier SHR C2-7	10	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Otsego	58369	2007	Northstar Energy	Seitz D2-7	12	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Otsego	58407	2007	Northstar Energy	Frontier SHR D3-7	11	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Otsego	57909	2006	Northstar Energy	Czykoski A2-8	11	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Charlevoix	56572	2005	Northstar Energy	Star Commonwealth C4-12	11	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56573	2006	Northstar Energy	State Hudson & Star Commonwealth D3-12	10	12	\$0	\$2,640	\$2,640	105	37

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/ FACILITY NAME	WELL/ FACILITY SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
Northstar Multi-Well Project	Charlevoix	56885	2005	Northstar Energy	Cassels B3-12	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57272	2005	Northstar Energy	State Hudson & Frontier SHR B2-13	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57294	2005	Northstar Energy	Frontier SHR A4-13	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57420	2006	Northstar Energy	State Hudson & Frontier SHR C3-13	10	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	57278	2005	Northstar Energy	Frontier SHR C2-13	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56244	2004	Northstar Energy	State Hudson & Frontier SHR A4-14	12	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	56245	2004	Northstar Energy	Frontier SHR B1-14	14	12	\$0	\$1,320	\$1,320	105	37
Northstar Multi-Well Project	Charlevoix	56246	2004	Northstar Energy	Frontier SHR B3-14	12	12	\$0	\$1,320	\$1,320	105	37
Northstar Multi-Well Project	Charlevoix	56966	2005	Northstar Energy	Frontier SHR B4-14	13	12	\$0	\$2,640	\$2,640	105	37
Northstar Multi-Well Project	Charlevoix	58069	2007	Northstar Energy	State Hudson A2-14 HD	12	12	\$0	\$1,320	\$1,320	105	37
Northstar Multi-Well Project	Charlevoix	58148	2007	Northstar Energy	Frontier SHR A2-14	12	12	\$0	\$1,320	\$1,320	105	37
Northstar Multi-Well Project	Montmorency	58037	2006	Northstar Energy	Gaylord Fishing Club D2-20	12	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Montmorency	57414	2006	Northstar Energy	State Montmorency & Masters D1-21	9	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Montmorency	57432	2006	Northstar Energy	Black River Ranch A1-21	9	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Montmorency	57434	2006	Northstar Energy	Black River Ranch A1-21 SWD	9	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Montmorency	58062	2006	Northstar Energy	Gaylord Fishing Club C1-21	11	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Montmorency	58089	2006	Northstar Energy	State Montmorency & Powell D2-21	9	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Montmorency	57240	2005	Northstar Energy	State Montmorency & Doran B4-21	12	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Montmorency	57063	2007	Northstar Energy	Black River Ranch A1-22 SWD	9	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Montmorency	57932	2006	Northstar Energy	State Montmorency C4-22	12	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Montmorency	57968	2006	Northstar Energy	State Montmorency D4-22	13	12	\$0	\$2,640	\$2,640	105	36
Northstar Multi-Well Project	Montmorency	58214	2007	Northstar Energy	State Montmorency D2-22	11	12	\$0	\$2,640	\$2,640	105	36
Northeastern Energy Initial Project	Saint Clair	FN 1084	1959	Northeastern Energy Corp	Czarnota TB	15	20	\$57,759	\$20,000	\$57,759	63	25
Northeastern Energy Initial Project	Saint Clair	FN 1126	1959	Northeastern Energy Corp	Teltow TB	16	20	\$85,568	\$15,000	\$85,568	63	25
Northeastern Energy Initial Project	Saint Clair	FN 1129	1959	Northeastern Energy Corp	Waltos 1	17	20	\$78,966	\$15,000	\$78,966	63	25
Northeastern Energy Initial Project	Saint Clair	FN 1083	1959	Northeastern Energy Corp	Chudy 1	19	20	\$62,348	\$15,000	\$62,348	63	25
Northeastern Energy Initial Project	Saint Clair	FN 1115	1959	Northeastern Energy Corp	Kammer McPherson	21	20	\$70,502	\$15,000	\$85,502	63	25
Northeastern Energy Initial Project	Saint Clair	FN 1114	1959	Northeastern Energy Corp	Kammer Mills CTB	21	20	\$65,130	\$15,000	\$80,130	63	25
Northeastern Facility Project	Saint Clair	FN 1124	NA	Northeastern Energy Corp	Shissler CTB	19	18	\$75,000	\$40,000	\$115,000	63	25
Northeastern Energy Initial Project	Saint Clair	20551	1957	Northeastern Energy Corp	Waltos Et Al 1	20	20	\$281,127	\$15,000	\$296,127	63	25
Northeastern Energy Initial Project	Saint Clair	20895	1958	Northeastern Energy Corp	Baumgarten & Waltos 1	19	20	\$318,016	\$15,000	\$333,016	63	25
Northeastern Energy Initial Project	Saint Clair	20994	1958	Northeastern Energy Corp	Waltos 2	22	20	\$319,412	\$15,000	\$334,412	63	25
Northeastern Energy Initial Project	Saint Clair	21111	1958	Northeastern Energy Corp	Kammer 1	22	20	\$208,620	\$20,000	\$228,620	63	25
Northeastern Energy Initial Project	Saint Clair	21266	1959	Northeastern Energy Corp	Czarnota 1	22	20	\$247,423	\$20,000	\$267,423	63	25
Northeastern Energy Initial Project	Saint Clair	21197	1958	Northeastern Energy Corp	Kammer 1	20	20	\$229,855	\$20,000	\$249,855	63	25
Northeastern Energy Initial Project	Saint Clair	21368	1959	Northeastern Energy Corp	Kammer 2	18	20	\$356,374	\$20,000	\$376,374	63	25
Northeastern Energy Initial Project	Saint Clair	21259	1958	Northeastern Energy Corp	Kammer 2	20	20	\$256,963	\$20,000	\$276,963	63	25
Northeastern Energy Initial Project	Saint Clair	21231	1958	Northeastern Energy Corp	Lindke 1	17	20	\$290,919	\$15,000	\$305,919	63	25
Northeastern Energy Initial Project	Saint Clair	22774	1961	Northeastern Energy Corp	Shissler 1	20	20	\$403,149	\$40,000	\$443,149	63	25
Northeastern Energy Initial Project	Saint Clair	22956	1961	Northeastern Energy Corp	Shissler 2	22	20	\$258,638	\$15,000	\$273,638	63	25
Northeastern Energy Initial Project	Saint Clair	22591	1960	Northeastern Energy Corp	Chudy 0-1	21	20	\$540,127	\$21,714	\$561,841	63	25
Northeastern Energy Initial Project	Saint Clair	21203	1958	Northeastern Energy Corp	Teltow 1	21	20	\$365,543	\$20,000	\$385,543	63	25
Northeastern Energy Initial Project	Saint Clair	17534	1952	Northeastern Energy Corp	Ringel Comm 1	23	20	\$469,662	\$20,000	\$489,662	63	25

PROJECT NAME	COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/ FACILITY NAME	WELL/ FACILITY SCORE	PROJECT SCORE	PLUGGING/ DISMANTLE COSTS	SITE RESTOR- ATION	TOTAL COST	STATE HOUSE	STATE SENATE
Northeastern Casco Sec 27	Saint Clair	22823	1960	Northeastern Energy Corp	Lyszczyk 0-2	22	20	\$236,891	\$10,000	\$246,891	63	25
Northeastern Casco Sec 27	Saint Clair	22958	1961	Northeastern Energy Corp	Lyszczk 04	18	20	\$380,608	\$10,000	\$390,608	63	25
Northeastern Casco Sec 27	Saint Clair	22822	1960	Northeastern Energy Corp	Lindke 0-4	18	20	\$398,938	\$10,000	\$408,938	63	25
Total Number of Sites: 209 Wells and 7 facilities on Category II b								Total Costs:		\$6,103,082	\$640,200	\$1,086,017

**TABLE V: ORPHAN WELL LIST FOR 2024  
CATEGORY III WELLS**

Category III = wells have been plugged or facilities have been decommissioned; however, site restoration and/or remediation has not yet been completed

FN = Facility Number

COUNTY	WELL/ FACILITY NUMBER	YEAR	COMPANY	WELL/FACILITY NAME	SITE SCORE	TOTAL COSTS TO DATE	ESTIMATED EVALUATION	ESTIMATED REMEDIAL ACTION	ESTIMATED FUTURE COSTS	STATE HOUSE	STATE SENATE
Allegan	17150	1951	Michigan Pipe Co.	Busk 3	Monitoring	\$55,083	\$15,000	\$10,000	\$25,000	43	20
Allegan	15891	1950	Michigan Pipe Co.	Maude Mesick 1	Monitoring	\$46,953	\$10,000	\$50,000	\$60,000	39	20
Bay	FN 639	1980	Elek	Wendt 1-34 TB	12	\$0	\$1000	\$60,000	\$61,000	96	35
Clare	10724	1944	Freeman Oil Co.	Gleason, Agnes J. 1	NA	\$0	\$10,000	\$100,000	\$110,000	100	34
Genesee	28458	1971	Richter, Ervin	Elliot-Sammons Unit 1	NA	\$256	\$10,000	\$50,000	\$60,000	67	26
Gladwin	4568	1937	Schnell, Louis	LaFursey 1	18	\$6,000	\$0	\$100,000	\$100,000	99	34
Gladwin	4864	1938	Schnell, Louis	LaFursey 2	18	\$6,000	\$0	\$100,000	\$100,000	99	34
Gladwin	4856	1937	Schnell, Louis	Snellenberger 1	18	\$5,855	\$0	\$100,000	\$100,000	99	34
Gladwin	FN 487	NA	Estate Of Aaron Elek III	Schrantz CTB	21	\$24,295	\$10,000	\$50,000	\$60,000	99	34
Gladwin	FN 495	NA	Estate Of Aaron Elek III	Campbell CTB	19	\$24,295	\$10,000	\$50,000	\$60,000	99	34
Gladwin	8715	1941	Long Jack Senior	Tope, Harry E 3	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4952	1938	Bauman Marshall H	Maier, J 1	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	18047	1953	Lakeland Oil Corp	Poole, James & Alice Et Al 2	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	28162	1971	Trico Oil Co.	Thurlow 1	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	3798	1937	T and E Investments Co. of Michigan	Salla, John 1	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	3882	1937	T and E Investments Co. of Michigan	Salla, John 4	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	3931	1937	T and E Investments Co. of Michigan	Salla, J (Buckeye Unit TR 2 #5)	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	3952	1937	T and E Investments Co. of Michigan	Rabb, Mary 1	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4001	1937	T and E Investments Co. of Michigan	Ockerman, Martha J 3	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4002	1937	T and E Investments Co. of Michigan	Ockerman, Martha J 2	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4055	1937	T and E Investments Co. of Michigan	Salla, John 7	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4056	1937	T and E Investments Co. of Michigan	Rabb, Mary 2	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4058	1937	T and E Investments Co. of Michigan	Rabb, Mary 4	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4174	1937	T and E Investments Co. of Michigan	Strohkirch, Louie 2	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4175	1937	T and E Investments Co. of Michigan	Strohkirch, Louie 3	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4176	1937	T and E Investments Co. of Michigan	Luks Blazey 1	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4177	1937	Oryx Energy Co.	Luks Blazey 1	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4178	1937	Oryx Energy Co.	Mary Rabb B-5	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4179	1937	Oryx Energy Co.	Rabb, Mary 6	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4206	1937	T and E Investments Co. of Michigan	Strohkirch, Amelia 1	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4337	1937	T and E Investments Co. of Michigan	Ockerman, Martha J 4	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4340	1937	T and E Investments Co. of Michigan	Salla, John 8	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4448	1937	T and E Investments Co. of Michigan	Rabb, Mary 7	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4462	1937	T and E Investments Co. of Michigan	Rabb, Mary 8	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4463	1937	T and E Investments Co. of Michigan	Rabb, Mary 9	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4464	1937	T and E Investments Co. of Michigan	Rabb, Mary 10	NA	\$0	\$10,000	\$100,000	\$110,000	99	34

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Gladwin	4465	1937	T and E Investments Co. of Michigan	Rabb, Mary 11	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4466	1937	T and E Investments Co. of Michigan	Rabb, Mary 12	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4467	1937	T and E Investments Co. of Michigan	Blazey Luks 3	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4468	1937	T and E Investments Co. of Michigan	Blazey Luks 4	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4564	1937	T and E Investments Co. of Michigan	Ockerman, Martha J	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4565	1937	T and E Investments Co. of Michigan	Rabb, Mary 13	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4566	1937	T and E Investments Co. of Michigan	Rabb, Mary 14	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4598	1937	T and E Investments Co. of Michigan	Strohkirch, Amelia 3	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4599	1937	T and E Investments Co. of Michigan	Strohkirch, Amelia 4	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4679	1938	T and E Investments Co. of Michigan	Strohkirch, Louie 7	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	4682	1938	T and E Investments Co. of Michigan	Strohkirch, Louie 10	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	31979	1977	T and E Investments Co. of Michigan	Strohkirch, A 7	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	38208	1984	T and E Investments Co. of Michigan	State Buckeye 'K' 1	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Gladwin	18112	1953	Lakeland Oil Corp	Kobetich, Edith Et Al L-2	NA	\$0	\$10,000	\$100,000	\$110,000	99	34
Isabella	7669	1940	McClanahan Oil Co	Nixon 4	21	\$0	\$10,000	\$25,000	\$35,000	92	34
Isabella	1941	1934	Nollem Oil and Gas Corp.	Thayer 3	NA	\$0	\$10,000	\$100,000	\$110,000	92	34
Isabella	3628	1937	Nollem Oil and Gas Corp.	Thayer, Lewis 5	NA	\$0	\$10,000	\$100,000	\$110,000	92	34
Isabella	1207	1931	Apache Oil Corp.	Epple 1	NA	\$0	\$10,000	\$100,000	\$110,000	92	34
Kent	6056	1939	Bauman, M.H.	Burgess 1	20	\$35,322	\$5,000	\$75,000	\$80,000	84	30
Kent	6670	1939	Hogan Brothers	Alabastine Company 1	NA	\$0	\$10,000	\$100,000	\$110,000	83	29
Midland	2076	1934	Turner, Fred	Eugene St. John B 2	21	NA	\$50,000	\$0	\$50,000	95	34
Midland	1973	1934	Columbia Oil and Gas Co. and Gordon Oil Co.	Hale, Minnie 2	NA	\$0	\$10,000	\$100,000	\$110,000	95	34
Midland	1357	1932	Oryx Energy Co.	State B-2	NA	\$0	\$10,000	\$100,000	\$110,000	95	34
Montcalm	11919	1945	Kill Drilling Co.	Douglas 1	Monitoring	\$249,252	\$50,000	\$35,000	\$85,000	91	33
Montcalm	10816	1944	Stewart, Fred	Charnley - Witherall 1	44	\$64,900	\$1,500	\$7,000	\$8,500	91	33
Montcalm	10922	1944	Stewart, Fred	Paris 1	Monitoring	\$368,746	\$35,000	\$35,000	\$70,000	91	33
Montcalm	27876	1969	Stewart, James	Graham, H. 1	43	\$42,396	\$50,000	\$150,000	\$200,000	91	33
Montcalm	28170	1970	Stewart, James	Marzig 1	16	\$516,611	\$5,000	\$50,000	\$55,000	91	33
Montcalm	17262	1952	Frantz Peter	Dancer, C 1	NA	\$0	\$10,000	\$100,000	\$110,000	91	33
Montcalm	FN 2748	1952	Frantz Peter	Dancer A1-35 Tank Battery	NA	\$0	\$10,000	\$100,000	\$110,000	91	33
Montcalm	3061	1936	Tow Claude and Merl	Tow, J. 4	NA	\$0	\$10,000	\$100,000	\$110,000	93	33
Montcalm	2714	1936	Collin C W Jr.	Fee 1	NA	\$0	\$10,000	\$100,000	\$110,000	93	33
Muskegon	92	1928	Continental Motors Corp.	Continental 1	47	\$67,155	\$50,000	\$200,000	\$250,000	87	32
Muskegon	85	1928	Muskegon Oil Corp.	Heinz, H. 3	38	\$53,943	\$10,000	\$35,000	\$45,000	87	32
Muskegon	114	1928	W. J. Simon	Reeths 1-D	37	\$86,724	\$20,000	\$50,000	\$70,000	87	32
Muskegon	17673	1952	McCallister, Bernard	Beroza 1	19	\$506,161	\$5,000	\$50,000	\$55,000	89	33
Muskegon	10425	1943	McCallister, Bernard	Neubeck 1	19	\$506,161	\$10,000	\$50,000	\$60,000	102	32
Muskegon	33024	1979	McCallister, Bernard	Harmsen 1	23	\$566,621	\$10,000	\$75,000	\$85,000	87	32
Muskegon	12248	1946	McCallister, Bernard	Zelinka 3	PC	\$195,751	\$10,000	\$75,000	\$85,000	102	32
Muskegon	199	1928	Concord Oil and Gas Co.	Giles 1	NA	\$0	\$10,000	\$100,000	\$110,000	87	32
Muskegon	46	1930	Porter Glenn M	Kooi, B. 1	NA	\$0	\$10,000	\$100,000	\$110,000	87	32
Oceana	14726	1949	WJ Simon	Ann Dykstra 1	17	\$0	\$10,000	\$25,000	\$35,000	102	32
Oceana	33493	1980	Adams, Frank Jr.	Lauber 1-6 BDW	14	\$284,033	\$10,000	\$50,000	\$60,000	102	32

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Ogemaw	1281	1935	Thompson L G	Price 1	NA	\$0	\$10,000	\$100,000	\$110,000	99	36
Ogemaw	4333	1937	Gallegher Robert E	Vincent, Ellis 1	NA	\$0	\$10,000	\$100,000	\$110,000	99	36
Otsego	29028	1973	Saba Energy of TX	Leacock, Hubbard Underwood Unit 1	Monitoring	\$183,412	\$500	\$1,000	\$1,500	105	36
Otsego	44355	1991	Duff Oil Company	Forterra 1-15	6	\$40,000	\$0	\$5,000	\$5,000	105	36
Ottawa	20899	1958	J & T Distributing	Kneibel 1	19	\$31,951	\$5,000	\$50,000	\$55,000	89	30
Total Category III Sites Remaining: 84						Total Costs:	\$3,918,376	\$953,000	\$7,113,000	\$8,066,000	