

# **2008 Orphan Well List (Fiscal Year 2007-2008)**



Michigan Department of Environmental Quality  
Office of Geological Survey

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:

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## 2008 ORPHAN WELL LIST (Fiscal Year 2007-2008)

The Orphan Well List (List), prepared by the Department of Environmental Quality (DEQ), Office of Geological Survey (OGS), is a compiled listing of oil or gas wells scheduled to be plugged and those at which interim response, remedial investigation, remediation, or site restoration should be performed with money from the Orphan Well Fund. The List is arranged in order of priority using the score assessment determined for each well or project. Estimated costs are given for the total cost of each well or project and the cost of each phase of the project (plugging costs, interim responses, etc.). The List also shows the State House and State Senate District where each well is located. The criteria used to calculate the score and a brief description of column headings are identified below.

The List is divided into three categories of wells: **Category I** wells are known to be leaking oil, gas, and/or brine; **Category II** wells are not known to be leaking, but may have had past leaks or spills; may have been incompletely plugged by the operator or have surface equipment or facilities remaining; and **Category III** wells have been properly plugged but still need remediation.

**Category I** wells are subdivided into three sub-categories based on their potential risk to public health, safety, and the environment. The wells are listed in a descending order of priority within each sub-category.

**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 those wells not known to be currently leaking. These wells may also have been incompletely plugged by the operator or have surface equipment or facilities remaining. Category II wells are then grouped and prioritized by project.

**Category III** wells have been plugged; however, site remediation has not yet been completed.

Abandoned oil and gas wells that qualify for plugging under Part 616, Orphan Well Fund, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), 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 OGS. This system factors in: 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, and the environmental sensitivity of the area.

The score values are only applicable within their respective category. All Category I wells have priority over Category II wells. However, special considerations, such as: 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, may necessitate temporarily bypassing a well with a higher score in favor of a well with a lower score.

### CATEGORY I WELLS

**CATEGORY IA 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.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST.	REMEDIA-TION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
<b>TOTAL ESTIMATED COSTS:</b>													
<b>TOTAL WELLS: 0</b>													

**CATEGORY IB WELLS** are leaking oil resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption is not yet contaminated.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST.	REMEDIA-TION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Muskegon	653	1929	Damm, Carl & Dollie	C.P. Damm #4	24	>\$500,000	\$15,000	T.B.D.	T.B.D.	T.B.D.	>\$515,000	92	34
<b>TOTAL ESTIMATED COSTS:</b>						>\$500,000	\$15,000	T.B.D.	T.B.D.	T.B.D.	>\$515,000		
<b>TOTAL WELLS: 1</b>													

**CATEGORY IC WELLS** are leaking gas or brine resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption is not yet contaminated.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST.	REMEDIA-TION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Isabella	1207	1931	Apache Oil	Epple #1	17	\$70,000	\$0	\$0	\$0	\$5,000	\$75,000	99	33
St. Clair	None	?	Unknown	Unknown aka'MDOT Property Well'	19	\$70,000	\$0	\$0	\$0	\$5,000	\$75,000	81	25
<b>TOTAL ESTIMATED COSTS:</b>						\$140,000	\$0	\$0	\$0	\$10,000	\$150,000		
<b>TOTAL WELLS: 2</b>													

### CATEGORY II WELLS - PRIORITIZED

**CATEGORY II WELLS** are not known to be leaking. Projects are delineated by the alternately shaded and non-shaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST	REMEDIA-TION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Hillsdale	25077	1963	Houseknecht Oil Prod. Inc.	Reed, J. #2	27	27	\$35,000	\$0	\$0	T.D.B	\$15,000	\$50,000	58	16
Arenac	12032	1945	Collins, C.W.	Smith, Martha #5	19	19	\$85,000	\$0	\$0	T.B.D.	\$5,000	\$90,000	97	31
Washtenaw	4548	1937	Malow, William F.	Faust #1	18	18	\$35,000	\$0	\$0	T.B.D.	\$10,000	\$45,000	52	18
Genesee	12576	1946	Hodge, J.C.	Reeves #1	18	18	\$30,000	\$0	\$0	T.B.D.	\$10,000	\$40,000	48	26
Genesee	12747	1946	Hodge, J.C.	Reeves #2	18	18	\$30,000	\$0	\$0	T.B.D.	\$10,000	\$40,000	48	26
Lapeer	20285	1958	D & G Oil Company	W. Spaven G-1	11	18	\$25,000	\$0	\$0	T.B.D.	\$5,000	\$30,000	82	25
Genesee	21200	1958	Richter, Ervin	Deriemaker #1	20	18	\$35,000	\$0	\$0	T.B.D	\$7,500	\$42,500	48	26
Genesee	12287	1946	Richter, Ervin	Wint #1	20	18	\$35,000	\$0	\$0	T.B.D	\$7,500	\$42,500	48	26
Genesee	27987	1970	Richter, Ervin	Woodrow #1-A	21	18	\$45,000	\$0	\$0	T.B.D	\$7,500	\$52,500	48	26
Genesee	12968	1947	Richter, Ervin	Woodrow #1-B	19	18	\$35,000	\$0	\$0	T.B.D	\$7,500	\$42,500	48	26
Tuscola	18780	1953	Richter, Ervin	LaFave #1	16	17	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	84	31
Tuscola	20165	1956	Richter, Ervin	LaFave #2	18	17	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	84	31
Tuscola	15687	1949	Richter, Ervin	Mullin #1	16	17	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	84	31
Tuscola	15947	1950	Richter, Ervin	Mullin #2	16	17	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	84	31
Tuscola	25466	1964	Richter, Ervin	Winchester #1	18	17	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	84	31
Tuscola	25816	1965	Richter, Ervin	Winchester #2	16	17	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	84	31
Tuscola	16288	1950	Richter, Ervin	Winchester, CL #2	16	17	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	84	31
Tuscola	16967	1951	Richter, Ervin	Winchester #3	16	17	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	84	31
Isabella	1442	1933	Lake Isabella Corp.	Cook #1	21	15	\$65,000	\$0	\$0	T.B.D.	\$10,000	\$75,000	99	33
Isabella	2244	1934	Lake Isabella Corp.	Bebee #1	13	15	\$35,000	\$0	\$0	T.B.D.	\$7,500	\$42,500	99	33
Isabella	21004	1958	Nowicki, Hans	Baker #1	12	15	\$45,000	\$0	\$0	T.B.D.	\$10,000	\$55,000	99	33
Isabella	1001	1930	Rex Oil & Gas	Epple #1	19	15	\$65,000	\$0	\$0	T.B.D.	\$10,000	\$75,000	99	33
Isabella	36689	1983	Horizon Oil and Gas	Toler # 1-34	11	15	\$45,000	\$0	\$0	T.B.D.	\$15,000	\$60,000	99	33
Isabella	614	1929	J.C. Arthurs Inc.	Indian Land #1	16	15	\$35,000	\$0	\$0	T.B.D.	\$7,500	\$42,500	99	33
Isabella	623	1929	J.C. Arthurs Inc.	Indian Land #2	16	15	\$35,000	\$0	\$0	T.B.D.	\$7,500	\$42,500	99	33
Isabella	630	1929	J.C. Arthurs Inc.	Indian Land #3	16	15	\$35,000	\$0	\$0	T.B.D.	\$7,500	\$42,500	99	33

## CATEGORY II WELLS - PRIORITIZED

**CATEGORY II WELLS** are not known to be leaking. Projects are delineated by the alternately shaded and non-shaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST	REMEDIA-TION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Isabella	471	1929	McCandless, J.	Bufford #1	13	15	PC*	\$0	\$0	T.B.D.	\$5,000	\$5,000	99	33
St. Clair	23486	1961	Atha, Howard	Basney #1	18	15	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	81	25
St. Clair	23397	1961	Livernois, Robert	Livernois #1	13	15	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	81	25
St. Clair	506	1929	Patterson, BP Trustee	Routley #1	13	15	\$15,000	\$0	\$0	T.B.D.	\$5,000	\$20,000	81	25
Cass	36313	1982	Friesen Oil Co.	Kaminski #2	14	14	\$30,000	\$0	\$0	T.B.D.	\$7,500	\$37,500	59	21
Isabella	36524	1983	Southland Lease Exp.	Funnell # 1-18	16	14	\$45,000	\$0	\$0	T.B.D.	\$15,000	\$60,000	99	33
Isabella	38256	1984	Southland Lease Exp.	House # 2-18	17	14	\$45,000	\$0	\$0	T.B.D.	\$15,000	\$60,000	99	33
Isabella	37820	1984	Southland Lease Exp.	Sheahan # 1-13	10	14	\$45,000	\$0	\$0	T.B.D.	\$15,000	\$60,000	99	33
Isabella	1763	1933	Nollem Oil & Gas	Smock #2	14	14	\$15,000	\$0	\$0	T.B.D.	\$5,000	\$20,000	99	33
Isabella	12694	1946	Prout, James T.	Prout #1	14	14	\$35,000	\$0	\$0	T.B.D.	\$10,000	\$45,000	99	33
Jackson	24425	1962	Mammoth Prod. Corp.	Barton-Dew Unit #1	13	14	\$55,000	\$0	\$0	T.B.D.	\$6,000	\$61,000	64	19
Jackson	25635	1964	Mammoth Prod. Corp.	John Folks #1-3	13	14	\$55,000	\$0	\$0	T.B.D.	\$6,000	\$61,000	64	19
Jackson	21982	1959	Reed, Raynor	G. Ray Reed #1	17	14	\$25,000	\$0	\$0	T.B.D.	\$5,000	\$30,000	64	19
Mecosta	11848	1945	Ralph, John	Ralph & Hamill #1	15	14	\$30,000	\$0	\$0	T.B.D.	\$10,000	\$40,000	102	35
Mecosta	36396	1982	Midwest Oil Prod.	Devoe & Cooper # 1-12	13	14	\$50,000	\$0	\$0	T.B.D.	\$10,000	\$60,000	102	35
Mecosta	30472	1975	Reef Petroleum Corp.	Golupski # 1-22	15	14	\$50,000	\$0	\$0	T.B.D.	\$10,000	\$60,000	102	35
Mecosta	32679	1978	Reef Petroleum Corp.	Golupski # 2-22	13	14	\$50,000	\$0	\$0	T.B.D.	\$10,000	\$60,000	102	35
Montcalm	3498	1946	Collins, C.W.	Durbin #2	13	14	\$20,000	\$0	\$0	T.B.D.	\$5,000	\$25,000	70	33
Montcalm	48901	1994	Crampton Exploration	Middleton-Proctor#1-18	10	14	\$20,000	\$0	\$0	T.B.D.	\$5,000	\$25,000	70	33
Montcalm	2848	1936	Daily Crude Oil Co.	Robbins #4	17	14	\$25,000	\$0	\$0	T.B.D.	\$10,000	\$35,000	70	33
Montcalm	2677	1935	Daily Crude Oil Co.	J. Tow #3	13	14	\$10,000	\$0	\$0	T.B.D.	\$10,000	\$20,000	70	33
Montcalm	13653	1947	Dennis, Arthur	Rozenna #1	15	14	\$30,000	\$0	\$0	T.B.D.	\$10,000	\$40,000	70	33
Montcalm	11919	1945	Kill Drilling Co.	Douglas #1	16	14	\$25,000	\$0	\$0	T.B.D.	\$15,000	\$40,000	70	33
Van Buren	33858	1980	Harris Oil, Inc.	Ellis #2	14	14	\$25,000	\$0	\$0	T.B.D.	\$5,000	\$30,000	80	21
Van Buren	34051	1980	Harris Oil, Inc.	Ellis #5	14	14	\$25,000	\$0	\$0	T.B.D.	\$5,000	\$30,000	80	21
Van Buren	34110	1980	Harris Oil, Inc.	Ellis #6	14	14	\$25,000	\$0	\$0	T.B.D.	\$5,000	\$30,000	80	21
Van Buren	34303	1981	Harris Oil, Inc.	Ellis #8	14	14	\$25,000	\$0	\$0	T.B.D.	\$5,000	\$30,000	80	21

## CATEGORY II WELLS - PRIORITIZED

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COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST	REMEDIA-TION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Van Buren	34343	1981	Harris Oil, Inc.	Ellis #9	14	14	\$25,000	\$0	\$0	T.B.D.	\$5,000	\$30,000	80	21
Van Buren	34341	1981	Harris Oil, Inc.	Ellis #12	14	14	\$25,000	\$0	\$0	T.B.D.	\$5,000	\$30,000	80	21
Van Buren	34692	1981	Harris Oil, Inc.	VanderJack #1-18	12	14	\$25,000	\$0	\$0	T.B.D.	\$7,500	\$32,500	80	21
Van Buren	6148	1939	Michigan Pipe Co.	Wm. Teal #2	17	14	\$35,000	\$0	\$0	T.B.D.	\$7,500	\$42,500	80	21
Calhoun	23631	1961	Duncan, Paul	Howard #1	15	14	\$35,000	\$0	\$0	T.B.D.	\$10,000	45,000	62	19
Calhoun	22798	1960	James Kelly dba Kelly Oil Co.	Dunlap #1-1	15	14	\$28,000	\$0	\$0	T.B.D.	\$5,000	\$33,000	62	19
Calhoun	30057	1974	James Kelly dba Kelly Oil Co.	Miller #1-A	11	14	\$28,000	\$0	\$0	T.B.D.	\$5,000	\$33,000	62	19
Calhoun	27969	1970	James Kelly dba Kelly Oil Co.	Miller#3	13	14	\$28,000	\$0	\$0	T.B.D.	\$5,000	\$33,000	62	19
Calhoun	39700	1986	James Kelly dba Kelly Oil Co.	Neeley #1-22	13	14	\$28,000	\$0	\$0	T.B.D.	\$5,000	\$33,000	62	19
Eaton	27898	1970	James Kelly dba Kelly Oil Co.	Yeomans #1	14	14	\$28,000	\$0	\$0	T.B.D.	\$5,000	\$33,000	71	24
Grd. Traverse	35912	1982	Raffaele Exp. & Raffaele Inc.	Wicksall- Francona # 1-15A	12	13	\$55,000	\$0	\$0	T.B.D.	\$10,000	\$65,000	104	37
Grd. Traverse	29804	1974	Reef Petroleum	Bodman # 1-11	14	13	\$55,000	\$0	\$0	T.B.D.	\$10,000	\$65,000	104	37
Grd. Traverse	40536	1987	Richland Exploration	Hansen & Olszewski #1-17	10	13	\$55,000	\$0	\$0	T.B.D.	\$10,000	\$65,000	104	36
Kalkaska	41251	1988	EPS Resources	Ingersoll #1-31	15	13	\$45,000	\$0	\$0	T.B.D.	\$10,000	\$55,000	104	35
Kalkaska	35669	1982	EPS Resources	Van Tol #1-32	12	13	\$35,000	\$0	\$0	T.B.D.	\$5,000	\$40,000	104	35
Midland	1368	1932	Atha Supply Co.	Stapleton #2	13	13	\$5,000	\$0	\$0	T.B.D.	\$5,000	\$10,000	99	36
Osceola	11836	1945	Ashby Drilling Co.	Boettcher #1	13	13	\$20,000	\$0	\$0	T.B.D.	\$5,000	\$25,000	102	35
Osceola	12540	1946	Ashby Drilling Co.	Boettcher #2	13	13	\$20,000	\$0	\$0	T.B.D.	\$5,000	\$25,000	102	35
Osceola	18068	1953	Associated Drillers	Evans, Cecil #1	13	13	\$20,000	\$0	\$0	T.B.D.	\$5,000	\$25,000	102	35
Osceola	BD38	1927	Collins, C.W.	Carr BD #1	14	13	\$20,000	\$0	\$0	T.B.D.	\$5,000	\$25,000	102	35
Osceola	17453	1952	Van Syckle, George	State-Wood #1	13	13	\$20,000	\$0	\$0	T.B.D.	\$5,000	\$25,000	102	35
Lenawee	39625	1985	Gulf Coast Petrol.	Frayar #1-5	12	12	\$30,000	\$0	\$0	T.B.D.	\$5,000	\$35,000	57	16
Lenawee	39646	1985	Gulf Coast Petroleum	Gobba #1-8	12	12	\$30,000	\$0	\$0	T.B.D.	\$6,000	\$36,000	57	16
Lenawee	27450	1968	Hanners Drlg. Co.	Emmet Sawyer #1	13	12	\$45,000	\$0	\$0	T.B.D.	\$6,000	\$51,000	57	16
Manistee	50718	1996	MYD, Inc.	Hilliard #1-4B	12	12	\$45,000	\$0	\$0	T.B.D.	\$10,000	\$55,000	101	35

### CATEGORY II WELLS - PRIORITIZED

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COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	PLUGGING COSTS	INTERIM RESPONSE	REMEDIAL INVEST	REMEDIA-TION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE	
Mecosta	12549	1946	Wait, Vincent, & Spence	Bongard & Vincent #1	12	12	\$25,000	\$0	\$0	T.B.D.	\$5,000	\$30,000	102	35	
Newaygo	36546	1983	Raffaele Exp. & Raffaele Inc.	DeVries #2-27	12	12	PC*	\$0	\$0	T.B.D.	\$10,000	\$10,000	100	34	
Missaukee	18521	1953	Calderone-Curran Ranch	Davis, H. Sr. # 1	12	12	\$60,000	\$0	\$0	T.B.D.	\$7,000	\$67,000	103	35	
Bay	1016	1930	Eureka Oil Corp	Lambert-Cloverleaf #1	11	11	\$2,500	\$0	\$0	T.B.D.	\$2,500	\$5,000	97	31	
Gratiot	1193	1931	Miller & Combs	Rebecca Kerr #1	11	11	\$30,000	\$0	\$0	T.B.D.	\$2,500	\$32,500	93	32	
Hillsdale	9471	1942	Goodheart & Sindecuse	Roy Salway #1	12	11	\$30,000	\$0	\$0	T.B.D.	\$3,000	\$33,000	58	16	
Hillsdale	26974	1967	Hanners Drlg. Co.	Stanley Ferris #1	10	11	\$40,000	\$0	\$0	T.B.D.	\$6,000	\$46,000	58	16	
Ogemaw	4333	1937	R.E. Gallagher	Vincent, Ellis # 1	11	11	\$55,000	\$0	\$0	T.B.D.	\$8,000	\$63,000	103	36	
Otsego	29028	1973	Saba Energy of TX	Leacock, Hubbard Underwood Unit #1	11	11	PC*	\$0	\$0	T.B.D.	\$35,000	\$35,000	105	36	
Otsego	39117	1985	Saba Energy of TX	State Charlton#2-6A	11	11	PC*	\$0	\$0	T.B.D.	\$35,000	\$35,000	105	36	
Sanilac	966	1930	K-Bar Oil & Gas	Kolodziej #1	11	11	\$0	\$0	\$0	T.B.D.	\$5,000	\$5,000	83	31	
Tuscola	64	1928	Murphy Oil Co.	Adam Gottler #1	11	11	\$0	\$0	\$0	T.B.D.	\$5,000	\$5,000	84	31	
Presque Isle	40971	1988	Richland Exploration	Compton # 1-14B	8	10	\$50,000	\$0	\$0	T.B.D.	\$4,000	\$54,000	106	37	
Presque Isle	40923	1988	Richland Exploration	Kimball #1-11	11	10	\$50,000	\$0	\$0	T.B.D.	\$7,000	\$57,000	106	37	
Estimated Costs Remaining							\$2,952,500	\$0	\$0	T.B.D.	\$741,500	\$3,694,000	--	--	
*PC= Plugging Complete							Current Number of Orphan Wells	92							

## CATEGORY III WELLS

**CATEGORY III WELLS** – Sites still require remedial work.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	ACTUAL PLUGGING	ACTUAL INTERIM RESPONSE	ACTUAL SITE RESTOR.	TOTAL COSTS TO DATE	ESTIMATED REMEDIAL INVEST.	ESTIMATED REMED.	ESTIMATED FUTURE COSTS	SALVAGE (Income)	STATE HOUSE	STATE SENATE
Gladwin	19368	1955	Lakeland Oil Corp.	Connolly #B-1	23	\$50,420	\$0	\$10,400	\$60,820	\$10,000	\$75,000	\$85,000	\$0	97	36
Gladwin	18112	1953	Lakeland Oil Corp	Kobetich #L-2	25	\$50,420	\$0	\$10,400	\$60,820	\$10,000	\$75,000	\$85,000	\$0	97	36
Isabella	694	1929	Denver Oil Development	Adams #1	36	\$109,951	\$4,981	\$4,998	\$119,930	\$20,000	\$50,000	\$70,000	\$0	99	33
Isabella	1941	1934	Nollem O & G	Thayer, L. # 3	24	\$78,765	\$0	\$11,603	\$90,368	\$20,000	\$80,000	\$100,000	\$0	99	33
Isabella	3628	1937	Nollem O & G	Thayer, L # 5	39	\$60,529	\$0	\$9,331	\$69,860	\$20,000	\$80,000	\$100,000	\$0	99	33
Kent	6056	1939	Bauman, M.H.	Burgess #1	20	\$29,500	0	\$5,300	\$34,800	\$5,000	\$75,000	\$80,000	\$0	74	30
Lake	12767	1946	Byron MacCallum	Lake Co Farm #1	41	\$41,031	\$4,969	\$4,729	\$50,729	\$35,000	\$65,000	\$100,000	\$0	100	35
Manistee	30540	1975	Whitney Oil & Gas Corp.	Hadaway #2-2A	PC*	-	-	-	\$0	\$10,000	\$20,000	\$30,000	\$0	101	35
Montcalm	10816	1944	Stewart, Fred	Charnley - Witherall # 1	44	\$39,000	\$0	\$25,900	\$64,900	\$1,500	\$7,000	\$8,500	\$0	70	33
Montcalm	10922	1944	Stewart, Fred	Paris #1	43	\$39,000	\$0	\$7,400	\$46,400	\$1,500	\$7,000	\$8,500	\$0	70	33
Montcalm	27876	1969	Stewart, James	Graham, H. #1	43	\$33,206	\$0	\$9,190	\$42,396	\$50,000	\$150,000	\$200,000	\$0	70	33
Muskegon	92	1928	Continental Motors Corp.	Continental #1	47	\$56,161	\$4,570	\$6,424	\$67,155	\$50,000	\$200,000	\$250,000	\$0	92	34
Muskegon	46	1928	Blue Arrow Petroleum Co	A. Workman #1	39	\$47,018	\$3,172	\$1,369	\$51,559	\$10,000	\$25,000	\$35,000	\$0	92	34
Muskegon	85	1928	Muskegon Oil Corp	H. Heinz #3	38	\$46,086	\$5,111	\$2,746	\$53,943	\$10,000	\$35,000	\$45,000	\$0	92	34
Muskegon	114	1928	W. J. Simon	Reeths #1-D	37	\$69,458	\$11,551	\$5,715	\$86,724	\$20,000	\$50,000	\$70,000	\$0	92	34
Oceana	31214	1976	Simmons, J.	Vander Zanden #1	15	\$37,993	\$0	\$5,882	\$43,875	\$5,000	\$50,000	\$55,000	\$0	100	34
Oceana	31691	1977	Simmons, J.	Vander Zanden #2	15	\$45,246	\$0	\$5,882	\$51,128	\$5,000	\$50,000	\$55,000	\$0	100	34
Ogemaw	1281	1932	Leon G. Thompson	Price #1	38	\$151,899	\$1,236	\$9,587	\$162,722	\$50,000	\$150,000	\$200,000	\$0	103	36
Ottawa	20899	1958	J & T Distributing	Kneibel #1	19	\$21,000	\$0	\$5,700	\$26,700	\$5,000	\$50,000	\$55,000	\$0	74	30
Ottawa	20219	1956	J & T Distributing	Neahr #3	19	\$21,000	\$0	\$5,700	\$26,700	\$5,000	\$50,000	\$55,000	\$0	74	30
Ottawa	7051	1939	J & T Distributing	Sims #1	19	\$21,000	\$0	\$5,700	\$26,700	\$5,000	\$50,000	\$55,000	\$0	74	30

Total Category III Sites Remaining: 21