



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



C. HEIDI GREETHER  
DIRECTOR

VIA E-MAIL

TO: Members of the Michigan Legislature  
FROM: C. Heidi Grether, *CHG* Director  
DATE: January 12, 2018  
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 Environmental Quality's (DEQ) Orphan Well Fund Annual Report for fiscal year 2016–2017 and Orphan Well List for 2018.

If you need further information, please contact Harold R. Fitch, Director, Oil, Gas, and Minerals Division, at 517-284-6823, or you may contact me at 517-284-6700.

Attachment

cc/att: Ellen Jeffries, Director, Senate Fiscal Agency  
Mary Ann Cleary, Director, House Fiscal Agency  
Al Pscholka, Director, State Budget Office  
Darin Ackerman, Governor's Office  
Angela Ayers, Governor's Office  
Josh Sefton, Senate Fiscal Agency  
Austin Scott, House Fiscal Agency  
Jacques McNeely, State Budget Office  
Jennifer Harrison, State Budget Office  
Amy Epkey, Administration Deputy Director, DEQ  
Susan Leeming, External Relations Deputy Director, DEQ  
Michael McClellan, Environment Deputy Director, DEQ  
Sarah M. Howes, Legislative Liaison, DEQ  
Harold R. Fitch, DEQ  
Rick Henderson, DEQ  
Kathy Tetzlaff, DEQ  
Paul Jankowski, DEQ

**Orphan Well Fund Annual Report  
Fiscal Year 2016-2017  
and  
Orphan Well List  
2018**



Michigan Department of Environmental Quality  
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 Environmental Quality  
Oil, Gas, and Minerals Division  
P.O. Box 30256  
Lansing, Michigan 48909-7756  
517-284-6823

**ORPHAN WELL FUND ANNUAL REPORT  
FISCAL YEAR 2016-2017**

**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 2016-2017**

Plugging and Site Restoration (see Table I for detail)	\$532,843
Response Activity (see Table II for detail)	\$299,648
Administrative Costs (i.e., Wages, Supplies, Travel, Supervision)	\$254,309
<b>Total Expenditures</b>	<b>\$1,086,800</b>

**Accomplishments**

Seven orphaned oil wells were plugged. All required reentry and/or reconstruction to successfully accomplish the abandonment. The groundwater remediation system (installed during fiscal year [FY] 2012) at the Leacock & Hubbard & Underwood Unit #1 was decommissioned as well as the abandonment of several site monitor wells. A total of three Category III sites were investigated and remediated for site closure. The Oil, Gas, and Minerals Division (OGMD) Geo-probe unit was used successfully at three Category III Orphan Well (OW) sites to aid in investigative activities that were completed.

**2018 Orphan Well List**

The Orphan Well List (List), prepared by the Department of Environmental Quality's (DEQ) OGMD 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.).

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: presence and type of contaminants in soils or ground water from spills, potential for future contamination, sensitivity of drinking water supplies, degree to which ground water 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 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.

**TABLE I: ORPHAN WELL FUND EXPENDITURES FOR FISCAL YEAR 2016-2017  
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
Ogemaw	4333 31207	1937 1976	R.E. Gallagher States Petroleum	Vincent, Ellis #1 Sheppard & Marquieta #1 (2 wells – 0 TB)	II	\$122,635	\$73,649	\$0	\$0	\$196,284	103	35
Presque Isle	40971 40923	1988 1988	Richland Exploration Richland Exploration	Compton #1-14B Kimball #1-11 (2 wells – 0 TB)	II	\$101,127	\$38,257	\$0	\$0	\$139,384	106	36
Saginaw	None 1983 20906	1926 1934 1958	Bacon, SA Crabon Oil Co. Sayers, Foster	Judd #1 Berg #1 Reis #1 (3 wells – 0 TB)	II	\$176,227	\$20,948	\$0	\$0	\$197,175	94	32
Orphan Well Program Category I & II Costs:						\$399,987	\$132,854	\$0	\$0	\$532,843		

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 ground water 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 ground water 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 ground water 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 2016-2017  
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
Calhoun	35732	1982	Kulka & Schmidt	McCloud #1-23	III	\$0	\$0	\$0	\$3,302	\$3,302	62	19
Lake	12767	1947	McCallum, Byron	Lake County Farm #1	III	\$0	\$0	\$1,200	\$0	\$1,200	100	35
Midland	2382	1935	Oryx Energy Co.	Mary Jacobs #1	III	\$0	\$0	\$1,051	\$0	\$1,051	99	36
Montcalm	10922	1944	Stewart, Fred	Paris #1	III	\$0	\$32,792	\$6,886	\$242,015	\$281,693	70	33
Montcalm	11919	1946	Kill, James dba Kill Drilling Co.	Douglas #1	III	\$0	\$0	\$9,396	\$0	\$9,396	70	33
Oakland	5822	1940	Prendergast, Thomas	Lindsey Moore #1	III	\$0	\$0	\$300	\$0	\$300	35	11
**Otsego	29028	1973	Saba Energy of Texas	Leacock & Hubbard & Underwood Unit #1 (ongoing remediation project)	III	\$0	\$0	\$0	\$2,706	\$2,706	105	36
Orphan Well Program Category III Costs:						\$0	\$32,792	\$18,833	\$248,023	\$299,648		

\*\* = Continuing Ground Water Remediation Project  
CATEGORY III wells have been plugged; however, site remediation has not yet been completed.

**TABLE III: ORPHAN WELL LIST FOR 2018  
CATEGORY I WELLS**

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	PLUGGING COSTS	INTERIM RESPONSE	EVALUATION	REMEDIAL ACTION	SITE RESTORATION	TOTAL COSTS	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 ground water used for public consumption.													
<b>None</b>													
<b>TOTAL ESTIMATED COSTS:</b>													
<b>CATEGORY IB:</b> Wells are leaking oil, resulting in contamination of soils, surface water resources, or the ground water where water wells used for public consumption are not yet contaminated.													
Clare	7991	19	Sun Oil Company	Second National Bank & Trust Co of Saginaw, TR #1	16	\$140,000	\$0	\$0	T.B.D.	\$20,000	\$160,000	97	33
Muskegon	653	1929	Damm, Carl & Dollie	C.P. Damm #4	24	>\$750,000	\$15,000	T.B.D.	T.B.D.	T.B.D.	>\$765,000	92	34
Midland	2076	1934	Turner, Fred	Eugene St. John B #2	19	>\$300,000	\$0	T.B.D.	T.B.D.	T.B.D.	>\$300,000	99	36
<b>TOTAL ESTIMATED COSTS:</b>						>\$1,190,000	\$15,000	T.B.D.	T.B.D.	>\$20,000	>\$1,225,000		
<b>CATEGORY IC:</b> Wells are leaking gas or brine, resulting in contamination of soils, surface water resources, or the ground water where water wells used for public consumption are not yet contaminated.													
<b>None</b>													
<b>TOTAL ESTIMATED COSTS:</b>													

**TABLE III: ORPHAN WELL LIST FOR 2018  
CATEGORY II WELLS – PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	PLUGGING COSTS	INTERIM RESPONSE	EVALUATION	REMEDIAL ACTION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Saint Clair	21221	1958	Northeastern Energy Corp.	Baumgarten & Rewalt 1	18	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	20895	1958	Northeastern Energy Corp.	Baumgarten & Waltos 1	14	17	\$65,000	\$0	\$0	T.B.D.	\$5,000	\$70,000	32	25
Saint Clair	21207	1958	Northeastern Energy Corp.	Baumgarten 2	19	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	21104	1958	Northeastern Energy Corp.	Desgrandchamp- Wolf-Schrank-Schultz 1	16	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	21188	1958	Northeastern Energy Corp.	Kaminski-Desgrandchamp Unit 1	17	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	25956	1965	Northeastern Energy Corp.	Rewalt-Teltow 1	18	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	19780	1955	Northeastern Energy Corp.	Teltow 1	18	17	\$65,000	\$0	\$0	T.B.D.	\$20,000	\$85,000	32	25
Saint Clair	21203	1958	Northeastern Energy Corp.	Teltow 1	18	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	21184	1958	Northeastern Energy Corp.	Uppleger 1	17	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	20994	1958	Northeastern Energy Corp.	Waltos 2	19	17	\$65,000	\$0	\$0	T.B.D.	\$20,000	\$85,000	32	25
Saint Clair	20551	1957	Northeastern Energy Corp.	Waltos Et Al 1	17	17	\$65,000	\$0	\$0	T.B.D.	\$20,000	\$85,000	32	25
Saint Clair	23454	1961	Northeastern Energy Corp.	Baumgarten D 01	15	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	21703	1959	Northeastern Energy Corp.	Burman 0-1	19	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	22944	1961	Northeastern Energy Corp.	Burmann 02	18	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	22154	1960	Northeastern Energy Corp.	Karolak 0-1	20	17	\$65,000	\$0	\$0	T.B.D.	\$20,000	\$85,000	32	25
Saint Clair	22822	1960	Northeastern Energy Corp.	Llindke 0-4	15	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	22807	1960	Northeastern Energy Corp.	Lindke & Smith B-01	18	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	22847	1960	Northeastern Energy Corp.	Lindke & Smith B-02	15	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	22614	1960	Northeastern Energy Corp.	Lindke 0-3	19	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	22958	1961	Northeastern Energy Corp.	Lyszczk 04	15	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	22823	1960	Northeastern Energy Corp.	Lyszczyk 0-2	19	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	22774	1961	Northeastern Energy Corp.	Shissler 1	18	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	22956	1961	Northeastern Energy Corp.	Shissler 2	16	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25

**TABLE III: ORPHAN WELL LIST FOR 2018  
CATEGORY II WELLS – PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	PLUGGING COSTS	INTERIM RESPONSE	EVALUATION	REMEDIAL ACTION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Saint Clair	22666	1960	Northeastern Energy Corp.	Smith Et Ux 1	17	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	22784	1961	Northeastern Energy Corp.	Smith Et Ux 2	19	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	22824	1960	Northeastern Energy Corp.	Smith Et Ux 3	16	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	23093	1961	Northeastern Energy Corp.	Smith Et Ux 4	16	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	23124	1961	Northeastern Energy Corp.	Voight B-01	20	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	22591	1960	Northeastern Energy Corp.	Chudy 0-1	18	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	22661	1960	Northeastern Energy Corp.	Chudy 0-2	17	17	\$55,000	\$0	\$0	T.B.D.	\$20,000	\$75,000	32	25
Saint Clair	21266	1959	Northeastern Energy Corp.	Czarnota 1	19	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	21111	1958	Northeastern Energy Corp.	Kammer 1	19	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	21197	1958	Northeastern Energy Corp.	Kammer 1	17	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	21259	1958	Northeastern Energy Corp.	Kammer 2	17	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	21368	1959	Northeastern Energy Corp.	Kammer 2	15	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	21704	1960	Northeastern Energy Corp.	Lindke 0-2	17	17	\$65,000	\$0	\$0	T.B.D.	\$20,000	\$85,000	32	25
Saint Clair	21231	1958	Northeastern Energy Corp.	Lindke 1	14	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	22715	1960	Northeastern Energy Corp.	Schultz Et Ux 1	17	17	\$65,000	\$0	\$0	T.B.D.	\$20,000	\$85,000	32	25
Saint Clair	22772	1961	Northeastern Energy Corp.	Schulz Et Ux 2	16	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	21397	1959	Northeastern Energy Corp.	Baumgarten B-1	17	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	21879	1959	Northeastern Energy Corp.	Baumgarten C-0-1	19	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	21718	1959	Northeastern Energy Corp.	Blaszczak B0-1	14	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	21374	1959	Northeastern Energy Corp.	Blaszczak 1	17	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	23884	1962	Northeastern Energy Corp.	Ignasiak-Matuja 1	19	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	24126	1962	Northeastern Energy Corp.	Ignasiak-Matuja 2	16	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	23355	1961	Northeastern Energy Corp.	Jablonski 01	17	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25

**TABLE III: ORPHAN WELL LIST FOR 2018  
CATEGORY II WELLS – PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	PLUGGING COSTS	INTERIM RESPONSE	EVALUATION	REMEDIAL ACTION	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Saint Clair	25404	1964	Northeastern Energy Corp.	Jablonski 2	16	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	21570	1959	Northeastern Energy Corp.	Reske Et Al 0-1	15	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	17534	1952	Northeastern Energy Corp.	Rlingel Comm 1	15	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	21319	1960	Northeastern Energy Corp.	Rlingel 0-3	15	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	21899	1959	Northeastern Energy Corp.	Ringel 0-2	17	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	22718	1960	Northeastern Energy Corp.	Taetz 02	18	17	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	17717	1959	Northeastern Energy Corp.	Weiss Comm B-1	17	17	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	23958	1962	Northeastern Energy Corp.	Edge & Schlottman Et Al 1	15	16	\$65,000	\$0	\$0	T.B.D.	\$5,000	\$70,000	32	25
Saint Clair	23845	1962	Northeastern Energy Corp.	Fish 2	19	16	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	23345	1961	Northeastern Energy Corp.	Kammer 1	18	16	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	22964	1961	Northeastern Energy Corp.	Schomburg & Bousson Unit 1	15	16	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	23151	1961	Northeastern Energy Corp.	Schomburg & Bousson Unit 2	17	16	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	23097	1961	Northeastern Energy Corp.	Smith 5	17	16	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	23041	1961	Northeastern Energy Corp.	Smith Et Ux 6	17	16	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	23012	1961	Northeastern Energy Corp.	Spurlock 1	18	16	\$45,000	\$0	\$0	T.B.D.	\$20,000	\$65,000	32	25
Saint Clair	23040	1961	Northeastern Energy Corp.	Spurlock 2	16	16	\$45,000	\$0	\$0	T.B.D.	\$5,000	\$50,000	32	25
Saint Clair	23081	1961	Northeastern Energy Corp.	Teutsch 1	19	16	\$65,000	\$0	\$0	T.B.D.	\$5,000	\$70,000	32	25
Saint Clair	23463		Northeastern Energy Corp.	Thueme 1	PLC	16	\$0	\$0	\$0	T.B.D.	\$3,500	\$3,500	32	25
Newaygo	26015		Beck, George	Peets #1	12	12	\$65,000	\$0	\$0	T.B.D.	\$55,000	\$65,000	34	100
Washtenaw	1051	1930	Viloette, Alfred	Atchinson #1	12	12	\$90,000	\$0	\$0	T.B.D.	\$20,000	\$110,000	97	36
Bay	1016	1930	Eureka Oil Corp	Lambert-Cloverleaf #1	11	11	\$125,000	\$0	\$0	T.B.D.	\$5,000	\$130,000	98	31
Saginaw	3996	1937	T.F Caldwell Inc.	Birch Run State Bank #1	11	11	\$125,000	\$0	\$0	T.B.D.	\$25,000	\$150,000	94	32
Sanilac	966	1930	K-Bar Oil & Gas	Kolodziej #1	11	11	\$125,000	\$0	\$0	T.B.D.	\$5,000	\$130,000	83	25
Tuscola	64	1928	Murphy Oil Co.	Gottler, Adam #1	11	11	\$150,000	\$0	\$0	T.B.D.	\$25,000	\$175,000	84	31

**TABLE III: ORPHAN WELL LIST FOR 2018  
CATEGORY II WELLS – PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	PLUGGING COSTS	INTERIM RESPONSE	EVALUA-TION	REMEDIAL ACTION	SITE RESTORA-TION	TOTAL COSTS	STATE HOUSE	STATE SENATE	
Isabella	471	1929	McCandless, J.	Bufford #1	11	11	\$150,000	\$0	\$0	T.B.D.	\$15,000	\$165,000	99	33	
Saint Clair	506	1929	Patterson, BP Trustee	Routley #1	11	11	\$185,000	\$0	\$0	T.B.D.	\$45,000	\$230,000	83	25	
Wexford	N/A	1931	Unknown	Cummer Diggins Location	11	11	\$95,000	\$0	\$0	T.B.D.	\$5,000	\$100,000	102	35	
Lapeer	28086	1970	Kern, Yvonne	Kern #1	10	10	*PC	\$0	\$0	T.B.D.	\$45,000	\$45,000	82	25	
Manistee	39990	1986	Alumni Petroleum and Resource Management Corp.	Marshall Enterprises #1-23C	7	7	*PC	\$0	\$0	T.B.D.	\$20,000	\$20,000	101	35	
Otsego	44355	1991	Duff Oil Company	Forterra #1-15	6	6	*PC	\$0	\$0	T.B.D.	\$30,000	\$30,000	105	36	
Manistee	N/A	N/A	Manistee Gas LLC	Brown CPF	6	6	*PC	\$0	\$0	T.B.D.	\$125,000	\$125,000	101	35	
Estimated Costs Remaining:							\$4,135,000	\$0	\$0	T.B.D.	\$1,308,500	\$5,388,500			
Current Number of Category II Orphan Wells:							77								

\*PC = Plugging Complete

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

**TABLE III: ORPHAN WELL LIST FOR 2018  
CATEGORY III WELLS**

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	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	\$0	\$0	\$15,000	88	20
Allegan	15891	1950	Michigan Pipe Co.	Maude Mesick #1	Monitoring	\$46,953	\$10,000	\$50,000	\$60,000	88	20
Genesee	28458	1971	Richter, Ervin	Elliot-Sammons Unit #1	*PC	\$0	\$10,000	\$50,000	\$60,000	48	26
Gladwin	18112	1953	Lakeland Oil Corp.	Kobetich #L-2	25	\$60,820	\$10,000	\$75,000	\$85,000	97	36
Gladwin	19368	1955	Lakeland Oil Corp.	Connolly #B-1	Project Hold	\$211,561	\$100,000	\$200,000	\$300,000	97	36
Kent	6056	1939	Bauman, M.H.	Burgess #1	20	\$35,322	\$5,000	\$75,000	\$80,000	74	28
Manistee	30540	1975	Whitney Oil & Gas Corp.	Hadaway #2-2A	*PC	\$0	\$10,000	\$20,000	\$30,000	101	35
Missaukee	21979	1959	McBain Venture Inc.	Kuipers, Wilbert #2	Monitoring	\$354,407	\$10,000	\$0	\$10,000	103	35
Montcalm	11919	1945	Kill Drilling Co.	Douglas #1	Monitoring	\$241,305	\$50,000	\$35,000	\$85,000	70	33
Montcalm	10816	1944	Stewart, Fred	Charnley - Witherall # 1	44	\$64,900	\$1,500	\$7,000	\$8,500	70	33
Montcalm	10922	1944	Stewart, Fred	Paris #1	Monitoring	\$358,852	\$35,000	\$35,000	\$70,000	70	33
Montcalm	27876	1969	Stewart, James	Graham, H. #1	43	\$42,396	\$50,000	\$150,000	\$200,000	70	33
Montcalm	28170	1970	Stewart, James	Marzig #1	16	\$51,661 <sup>1</sup>	\$5,000	\$50,000	\$55,000	70	33
Muskegon	92	1928	Continental Motors Corp.	Continental #1	47	\$67,155	\$50,000	\$200,000	\$250,000	92	34
Muskegon	85	1928	Muskegon Oil Corp.	Heinz, H. #3	38	\$53,943	\$10,000	\$35,000	\$45,000	92	34
Muskegon	114	1928	W. J. Simon	Reeths #1-D	37	\$86,724	\$20,000	\$50,000	\$70,000	92	34
Muskegon	17673	1952	McCallister, Bernard	Beroza #1	19	\$50,616 <sup>1</sup>	\$5,000	\$50,000	\$55,000	91	34
Muskegon	10425	1943	McCallister, Bernard	Neubeck #1	19	\$50,616 <sup>1</sup>	\$10,000	\$50,000	\$60,000	91	34
Muskegon	33024	1979	McCallister, Bernard	Harmsen #1	23	\$56,662 <sup>1</sup>	\$10,000	\$75,000	\$85,000	92	34
Muskegon	12248	1946	McCallister, Bernard	Zelinka #3	*PC	\$19,575 <sup>1</sup>	\$10,000	\$75,000	\$85,000	91	34
Oceana	33493	1980	Adams, Frank Jr.	Lauber #1-6 BDW	14	\$158,683	\$100,000	\$200,000	\$300,000	100	34
Otsego	29028	1973	Saba Energy of TX	Leacock, Hubbard Underwood Unit #1	Monitoring	\$180,658	\$6,000	\$0	\$6,000	105	36
Ottawa	20899	1958	J & T Distributing	Kneibel #1	19	\$26,700	\$5,000	\$50,000	\$55,000	88	30
Ottawa	20219	1956	J & T Distributing	Reed #1	19	\$26,700	\$5,000	\$50,000	\$55,000	88	30
Ottawa	7051	1939	J & T Distributing	Sims #1	19	\$26,700	\$5,000	\$50,000	\$55,000	88	30
Total Costs:						\$2,327,992	\$532,500	\$1,632,000	\$2,179,500		
Total Category III Sites Remaining:						25					

\*PC = Plugging Complete

<sup>1</sup> = average cost

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