

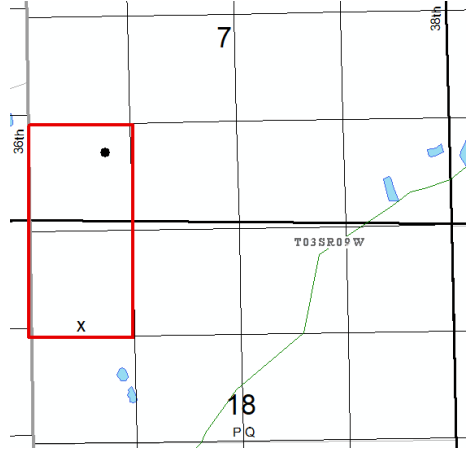
Michigan Department of
Environment, Great Lakes, and Energy
Oil, Gas and Minerals Division

PERMIT APPLICATIONS
2/21/2022 THRU 2/25/2022



Application Number Date Received Permittee Number Permittee Name Page 1

678 02/24/2022 6498 WOLVERINE GAS AND OIL
COMPANY OF MICHIGAN LLC
ONE RIVERFRONT PLAZA
55 CAMPAU, NW
GRAND RAPIDS, MI 49503



Prev Permit:

Well Name: Hayward 18-1 HD1

Surface Owner: Jennie and Dale
Hayward

Well Type: OIL

True Vertical Depth: 3447

Permit Type: Drill

Target Formation: TRENTON

H2S Present? Yes

Deepest Formation: TRENTON

80-Acre R303 Drilling Unit, SW/4 SW/4
Sec 7; NW/4 NW/4 Sec 18

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SWNWNW	18	3S	9W	CLIMAX	KALAMAZOO	1190 N 589 W	
BHL:	NESWSW	7	3S	9W	CLIMAX	KALAMAZOO	987 S 880 W	340 N 340 E

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PERMIT LIST

2/21/2022 THRU 2/25/2022



Permit Number Issue Date Permittee Number Permittee Name Page 1

61597 2/23/2022 6498 WOLVERINE GAS AND OIL COMPANY OF MICHIGAN LLC
ONE RIVERFRONT PLAZA 55
CAMPAU, NW
GRAND RAPIDS, MI 49503

API Well No: 21-077-62035-00-00

Prev Permit:

Well Name: BAILEY 17-1 HD1

Well Type: Oil Well

Permit Type: Drill

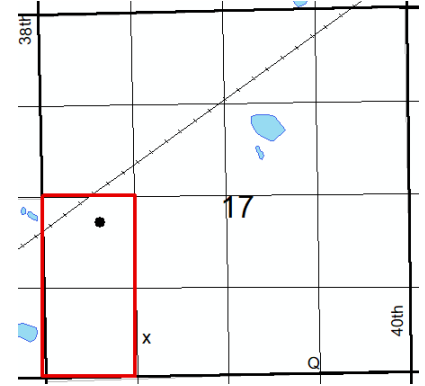
H2S Present? Yes

Surface Owner: Jerry and Roberta M. Bailey

True Vertical Depth: 3451FT

Target Formation: TRENTON

Deepest Formation: TRENTON



80-Acre Drilling Unit with statutory pooling (Order 04-2021), W/2 SW/4 Sec 17

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SWSESW	17	3S	9W	CLIMAX	KALAMAZOO	613 S 1454 W	
BHL:	NENWSW	17	3S	9W	CLIMAX	KALAMAZOO	2295 S 845 W	340 N 474 E

61598 2/24/2022 8139 MUSKEGON OPERATING COMPANY LLC
1425 S MISSION RD
MOUNT PLEASANT, MI 48858

API Well No: 21-017-63077-00-00

Prev Permit:

Well Name: BODRIE 1-17

Well Type: Oil Well

Permit Type: Drill

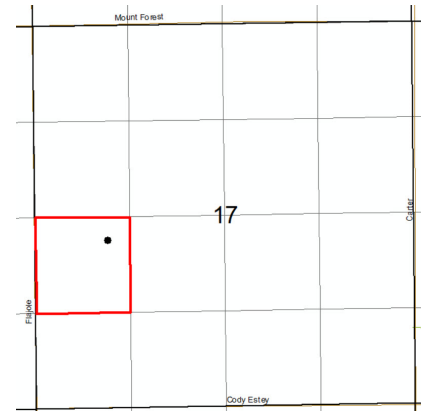
H2S Present? Yes

Surface Owner: Brad & Helen Bodrie

True Vertical Depth: 3650FT

Target Formation: DUNDEE

Deepest Formation: DETROIT RIVER ANHY



40-acre Drilling Unit, NW/4 SW/4 Sec 17

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NENWSW	17	17N	3E	MOUNT FOREST	BAY	2283 S 916 W	
BHL:	NENWSW	17	17N	3E	MOUNT FOREST	BAY	2283 S 916 W	330 N 405 E

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UPDATED PERMITS

2/21/2022 THRU 2/25/2022



Permit Number Permittee Number Permittee Name

Page 1

RECORD OF WELL PLUGGING:

8974 4428 MID MICHIGAN GAS STORAGE CO
 PO BOX 2446
 HOUSTON, TX 77252-2446 USA

API Well Number: 21-133-08974-00-00

Well Name: GABEL, LOUIE B-1

Plugging Date: 1/28/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	N2NWSW	31	18N	10W	LINCOLN	OSCEOLA	330 N 660 W	330 N 660 W
BHL:	N2NWSW	31	18N	10W	LINCOLN	OSCEOLA		

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UPDATED PERMITS
2/21/2022 THRU 2/25/2022



Permit Number Permittee Number Permittee Name

APPLICATIONS TO CHANGE WELL STATUS:

12641 491 CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-035-12641-00-00

Well Name: MICHIGAN GAS STORAGE CO
210

Approval Date: 2/18/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNWSW	30	20N	6W	WINTERFIELD	CLARE	660 N 660 W	660 N 660 W
BHL:	CNNWSW	30	20N	6W	WINTERFIELD	CLARE		

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to clean well, log, underream, and return well to service expires on 2/18/2023

13257 491 CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-035-13257-00-00

Well Name: MICHIGAN GAS STORAGE CO
289

Approval Date: 2/18/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNWNW	29	20N	6W	WINTERFIELD	CLARE	660 N 760 W	660 N 760 W
BHL:	CNNWNW	29	20N	6W	WINTERFIELD	CLARE		

Proposed Rework: ACOWS for Miscellaneous

Comment: ACOWS to clean well, log, underream, perf, acidize, and return well to service expires on 2/18/2023

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UPDATED PERMITS
2/21/2022 THRU 2/25/2022



Permit Number Permittee Number Permittee Name

14324 491 CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-035-14324-00-00

Well Name: MICHIGAN GAS STORAGE CO
397

Approval Date: 2/17/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNWNW	32	20N	6W	WINTERFIELD	CLARE	660 N 660 W	660 N 660 W
BHL:	CNNWNW	32	20N	6W	WINTERFIELD	CLARE		

Proposed Rework: ACOWS for Miscellaneous

Comment: ACOWS to log, underream, perf, acidize, and return well to service expires on 2/17/2023

17500 491 CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-113-17500-00-00

Well Name: MICHIGAN GAS STORAGE CO
122

Approval Date: 2/22/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NWSENW	20	21N	7W	RIVERSIDE	MISSAUKEE	760 S 710 E	760 S 710 E
BHL:	NWSENW	20	21N	7W	RIVERSIDE	MISSAUKEE		

Proposed Rework: Temporarily Abandoned

Comment: ACOWS for TA expires on 2/22/23

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UPDATED PERMITS
2/21/2022 THRU 2/25/2022



Permit Number Permittee Number Permittee Name

20960 491 CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-035-20960-00-00

Well Name: M G S C 936

Approval Date: 2/18/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NWNESW	2	20N	6W	WINTERFIELD	CLARE	150 N 1220 E	100 N 1220 E
BHL:	NWNESW	2	20N	6W	WINTERFIELD	CLARE		

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to clean well, log, underream, and return well to service expires on 2/18/2023

9004 491 CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-035-09004-00-00

Well Name: M G S C 590

Approval Date: 2/18/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNE	20	20N	6W	WINTERFIELD	CLARE	1320 S 1320 W	1320 N 1320 E
BHL:		20	20N	6W	WINTERFIELD	CLARE		

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to log, underream, perf, and return well to service expires on 2/18/2023

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UPDATED PERMITS
2/21/2022 THRU 2/25/2022



Permit Number Permittee Number Permittee Name

9244 491 CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-035-09244-00-00

Well Name: M G S C 659

Approval Date: 2/18/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNSW	31	20N	6W	WINTERFIELD	CLARE	1320 S 1320 W	1320 N 1320 E
BHL:		31	20N	6W	WINTERFIELD	CLARE		

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to underream, perf, and acidize expires on 2/18/2023



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UPDATED PERMITS
2/21/2022 THRU 2/25/2022



Permit Number Permittee Number Permittee Name

RECORD OF CHANGE OF WELL STATUS:

8239 7739 LAYLINE OIL AND GAS LLC
820 GESSNER ROAD, SUITE 114
HOUSTON, TX 77024 USA

API Well Number: 21-035-08239-00-00

Well Name: THAYER, DELMAR L 1

Change Date: 10/3/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	E2SESW	29	20N	6W	WINTERFIELD	CLARE	660 S 330 E	
BHL:	E2SESW	29	20N	6W	WINTERFIELD	CLARE		

Proposed Rework: Reworked for Miscellaneous

Comment: Reworked to drill side track to 3770' due to collapsed casing; Open hole perfed, acidized, and returned to service.

9004 491 CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-035-09004-00-00

Well Name: M G S C 590

Change Date: 10/5/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNE	20	20N	6W	WINTERFIELD	CLARE	1320 S 1320 W	1320 N 1320 E
BHL:		20	20N	6W	WINTERFIELD	CLARE		

Proposed Rework: Reworked to Underreamed Open Hole

Comment: Reworked to clean hole, log, underream, and return well to service; Work completed before ACOWS issued.