

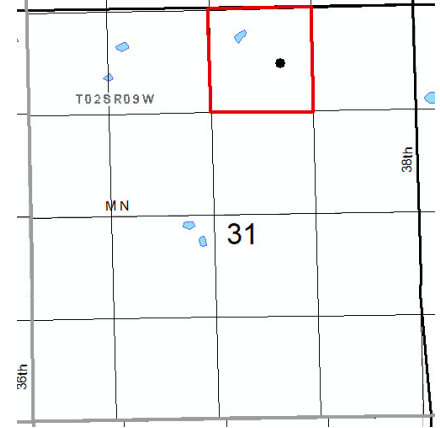
Michigan Department of  
Environment, Great Lakes, and Energy  
Oil, Gas and Minerals Division

PERMIT APPLICATIONS

10/10/2022 THRU 10/14/2022



788                    10/10/2022            6498                    WOLVERINE GAS AND OIL  
COMPANY OF MICHIGAN LLC  
ONE RIVERFRONT PLAZA  
55 CAMPAU, NW  
GRAND RAPIDS, MI 49503



Prev Permit:

Well Name: SCHUG 31-5                    Surface Owner: Lloyd D. & Nancy A. Schug, Trustees

Well Type: OIL                                    True Vertical Depth: 3969

Permit Type: Drill                                Target Formation: TRENTON

H2S Present? Yes                                Deepest Formation: GLENWOOD

40-Acre Drilling Unit, NW/4 NE/4  
Section 31

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SEWNE	31	2S	9W	CHARLESTON	KALAMAZOO	704 N 1747 E	624 S 420 E
BHL:	SEWNE	31	2S	9W	CHARLESTON	KALAMAZOO	704 N 1747 E	624 S 420 E

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

PERMIT LIST

10/10/2022 THRU 10/14/2022



Permit Number      Issue Date      Permittee Number      Permittee Name      Page 1

61653      10/10/2022      5320      SAVOY ENERGY LP  
920 HASTINGS STREET, SUITE A  
PO BOX 1560  
TRAVERSE CITY, MI 49685-1560

API Well No: 21-025-38580-01-00

Prev Permit: 38580

Well Name: ARCO & CASE 1-27A

Well Type: Oil Well

Permit Type: Reentry

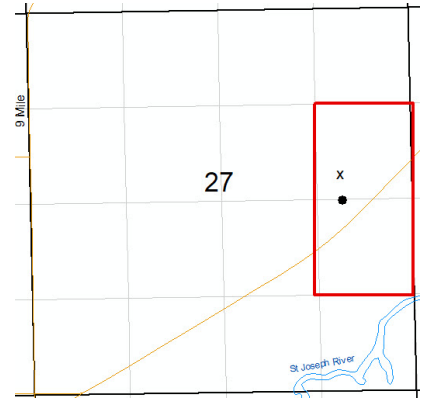
H2S Present? No

Surface Owner: Case, Thomas & Cynthia

True Vertical Depth: 3925FT

Target Formation: TRENTON-BLACK RIVER

Deepest Formation: PRAIRIE DU CHIEN



80-Acre R303 Drilling Unit, SE/4 NE/4, NE/4 SE/4 Sec 27

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SWSENE	27	4S	7W	BURLINGTON	CALHOUN	2314 N 978 E	
BHL:	NWNESE	27	4S	7W	BURLINGTON	CALHOUN	2640 S 977 E	1306 S 356 W

61654      10/11/2022      6498      WOLVERINE GAS AND OIL COMPANY OF MICHIGAN LLC  
ONE RIVERFRONT PLAZA  
55 CAMPAU, NW  
GRAND RAPIDS, MI 49503

API Well No: 21-077-62045-00-00

Prev Permit:

Well Name: SCHUG 31-2 HD1

Well Type: Oil Well

Permit Type: Drill

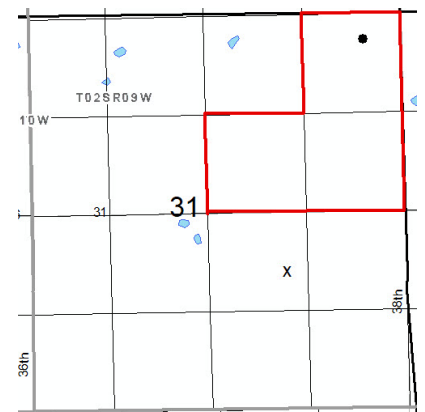
H2S Present? Yes

Surface Owner: Lloyd D. & Nancy A. Schug, Trustees

True Vertical Depth: 3602FT

Target Formation: TRENTON

Deepest Formation: TRENTON



120-Acre R303 Drilling Unit, NE/4 NE/4, S/2 NE/4 Sec 31

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SENWSE	31	2S	9W	CHARLESTON	KALAMAZOO	1864 S 1550 E	
BHL:	NENENE	31	2S	9W	CHARLESTON	KALAMAZOO	330 N 521 E	330 N 521 E

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

PERMIT LIST

10/10/2022 THRU 10/14/2022



Permit Number      Issue Date      Permittee Number      Permittee Name      Page 2

61655      10/11/2022      6498

WOLVERINE GAS AND OIL  
COMPANY OF MICHIGAN LLC  
ONE RIVERFRONT PLAZA 55  
CAMPAU, NW  
GRAND RAPIDS, MI 49503

API Well No: 21-077-62046-00-00

Prev Permit:

Well Name: SCHUG 31-4 HD1

Surface Owner: Lloyd D. & Nancy A. Schug, Trustees

True Vertical Depth: 3567FT

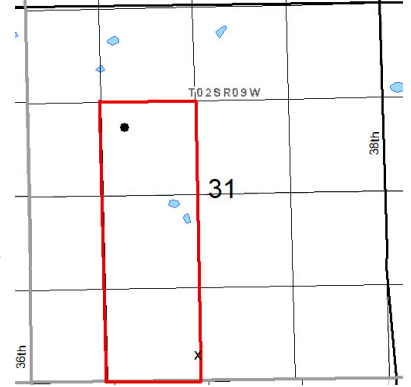
Well Type: Oil Well

Target Formation: TRENTON

Permit Type: Drill

Deepest Formation: TRENTON

H2S Present? Yes



120-Acre R303 Drilling Unit, SE/4 NW/4, E/2 SW/4 Sec 31

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SESWSW	31	2S	9W	CHARLESTON	KALAMAZOO	246 S 2334 W	
BHL:	NWSENW	31	2S	9W	CHARLESTON	KALAMAZOO	1655 N 1386 W	330 N 345 W

61656      10/13/2022      5320

SAVOY ENERGY LP  
920 HASTINGS STREET, SUITE A  
PO BOX 1560  
TRAVERSE CITY, MI 49685-1560

API Well No: 21-023-62000-00-00

Prev Permit:

Well Name: RIDDLE 1-2

Surface Owner: Riddle, Freeman E. & Anita L.

True Vertical Depth: 3850FT

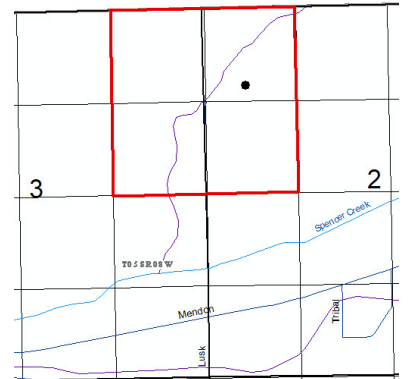
Well Type: Oil Well

Target Formation: TRENTON

Permit Type: Drill

Deepest Formation: PRAIRIE DU CHIEN

H2S Present? No



160-Acre R303 Drilling Unit, E/2 NE/4 Sec 3, W/2 NW/4 Sec 2

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SWNWNW	2	5S	8W	SHERWOOD	BRANCH	1125 N 607 W	
BHL:	SWNWNW	2	5S	8W	SHERWOOD	BRANCH	1125 N 607 W	1125 N 709 E

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

PERMIT LIST

10/10/2022 THRU 10/14/2022



Permit Number      Issue Date      Permittee Number      Permittee Name      Page 3

61657      10/13/2022      8139      MUSKEGON OPERATING COMPANY LLC  
1425 S MISSION RD  
MOUNT PLEASANT, MI 48858

API Well No: 21-017-63078-00-00

Prev Permit:

Well Name: WAZNY 1-29

Surface Owner: Christopher Wazny

Well Type: Oil Well

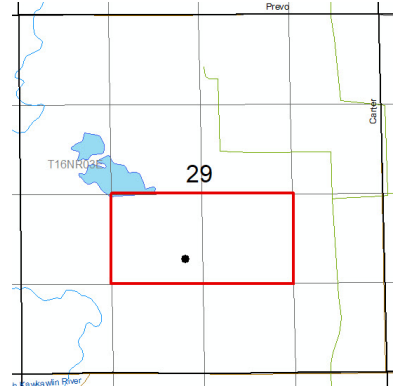
True Vertical Depth: 3650FT

Permit Type: Drill

Target Formation: DUNDEE

H2S Present? Yes

Deepest Formation: DETROIT RIVER ANHY



80-Acre R303 Drilling Unit, NE/4 SW/4, NW/4 SE/4 Sec 29

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SENE SW	29	16N	3E	GARFIELD	BAY	1712 S 2453 W	
BHL:	SENE SW	29	16N	3E	GARFIELD	BAY	1712 S 2453 W	376 S 1110 W

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

UPDATED PERMITS

10/10/2022 THRU 10/14/2022



Permit Number      Permittee Number      Permittee Name

**PLUGGING INSTRUCTIONS ISSUED:**

18759                  40                                  MUSKEGON DEVELOPMENT COMPANY  
1425 S MISSION RD  
MOUNT PLEASANT, MI 48858

API Well Number: 21-035-18759-00-00

Well Name: FREIER 1

Plug Inst. Issue Date: 10/6/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	N2SWSE	25	20N	3W	FRANKLIN	CLARE	990 S 660 W	330 N 660 W
BHL:	N2SWSE	25	20N	3W	FRANKLIN	CLARE		

Comment: App to P&A expires on 10/6/2023

58581                  6361                                  RIVERSIDE ENERGY MICHIGAN LLC  
10691 EAST CARTER ROAD  
SUITE 201  
TRAVERSE CITY, MI 49684

API Well Number: 21-009-58581-00-00

Well Name: SHOOKS D1-9

Plug Inst. Issue Date: 10/10/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NESWSW	9	31N	8W	CENTRAL LAKE	ANTRIM	699 S 704 W	621 N 704 W
BHL:	NESWSW	9	31N	8W	CENTRAL LAKE	ANTRIM		

Comment: App to P&A expires on 10/10/2023

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

UPDATED PERMITS

10/10/2022 THRU 10/14/2022



Permit Number      Permittee Number      Permittee Name

61528      104      WEST BAY EXPLORATION COMPANY  
13685 S WEST BAYSHORE DR  
TRAVERSE CITY, MI 49684

API Well Number: 21-073-62006-00-00

Well Name: WITBECK 1-5      True Vertical Depth: 3932

Plug Inst. Issue Date: 10/12/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SENE	5	16N	4W	VERNON	ISABELLA	819 N 410 E	819 N 410 E
BHL:	SESENE	5	16N	4W	VERNON	ISABELLA	2309 N 0 E	409 S 1303 E

Comment: App to P&A expires on 10/12/2023

61635      8139      MUSKEGON OPERATING COMPANY LLC  
1425 S MISSION RD  
MOUNT PLEASANT, MI 48858

API Well Number: 21-073-62012-00-00

Well Name: HEBNER 1-31

Plug Inst. Issue Date: 9/14/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NESWSW	31	15N	6W	SHERMAN	ISABELLA	1066 S 660 W	1066 S 660 W
BHL:	NESWSW	31	15N	6W	SHERMAN	ISABELLA	1066 S 660 W	1066 S 660 W

Comment: App to P&A expires on 9/14/2023.

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

UPDATED PERMITS

10/10/2022 THRU 10/14/2022



Permit Number      Permittee Number      Permittee Name

6635                      2298                      UNION OIL CO OF CALIFORNIA  
2210 W. PINE RIVER RD.  
BRECKENRIDGE, MI 48615

API Well Number: 21-035-06635-00-00

Well Name: PETROWECHEFF, GEORGE A 1

Plug Inst. Issue Date: 10/10/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	N2SWNW	34	19N	6W	REDDING	CLARE	990 S 660 W	
BHL:	N2SWNW	34	19N	6W	REDDING	CLARE		

Comment: App to Re-P&A expires on 10/10/2023

7100                      2298                      UNION OIL CO OF CALIFORNIA  
2210 W. PINE RIVER RD.  
BRECKENRIDGE, MI 48615

API Well Number: 21-035-07100-00-00

Well Name: PETROWECHEFF, GEORGE A 2

Plug Inst. Issue Date: 10/10/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	S2SWNW	34	19N	6W	REDDING	CLARE	330 S 660 W	330 S 660 E
BHL:	S2SWNW	34	19N	6W	REDDING	CLARE		

Comment: App to Re-P&A expires on 10/10/2023

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

UPDATED PERMITS

10/10/2022 THRU 10/14/2022



Permit Number      Permittee Number      Permittee Name

7193                      2298                      UNION OIL CO OF CALIFORNIA  
2210 W. PINE RIVER RD.  
BRECKENRIDGE, MI 48615

API Well Number: 21-035-07193-00-00

Well Name: AUSTIN, HENRY H A-2

Plug Inst. Issue Date: 10/10/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	S2SESE	27	19N	6W	REDDING	CLARE	330 S 660 E	330 N 660 E
BHL:	S2SESE	27	19N	6W	REDDING	CLARE		

Comment: App to Re-P&A expires on 10/10/2023





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

UPDATED PERMITS

10/10/2022 THRU 10/14/2022



Permit Number      Permittee Number      Permittee Name

**APPLICATIONS TO CHANGE WELL STATUS:**

60931      6042      HARDY AND HARDY CONSULTING LLC  
P.O. BOX 129  
SHEPHERD, MI 48883

API Well Number: 21-111-60931-00-00

Well Name: CITY OF MASON 7-3

Approval Date: 10/12/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SENENW	3	13N	2W	JASPER	MIDLAND	907 N 2056 W	618 S 590 E
BHL:	SENENW	3	13N	2W	JASPER	MIDLAND		

Proposed Rework:      Temporarily Abandoned

Comment:      ACOWS for TA expires on 10/12/2023

61633      104      WEST BAY EXPLORATION COMPANY  
13685 S WEST BAYSHORE DR  
TRAVERSE CITY, MI 49684

API Well Number: 21-035-62023-00-00

Well Name: LITTLE 1-23

Approval Date: 10/11/2022

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NENENE	23	20N	3W	FRANKLIN	CLARE	323 N 165 E	
BHL:	NENESW	23	20N	3W	FRANKLIN	CLARE	2440 S 2435 W	1098 S 1097 W

Proposed Rework:      ACOWS to Plugback

Comment:      ACOWS to plugback to 5360' for possible lateral kick expires on 10/11/2023

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

UPDATED PERMITS

10/10/2022 THRU 10/14/2022



Permit Number      Permittee Number      Permittee Name

**TRANSFER OF OWNERSHIP:**

47875                      100                      APOLLO EXPLORATION AND  
DEVELOPMENT INC  
P.O. BOX 190  
MOUNT PLEASANT, MI 48804-0190 USA

API Well Number:    21-101-47875-00-00

Well Name:            TEL B2-25 SWD

Transfer Date:        10/11/2022

Previous Owner:      ARBOR OPERATING LLC

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NWSEW	25	23N	15W	BEAR LAKE	MANISTEE	879 S 970 E	
BHL:	NWSEW	25	23N	15W	BEAR LAKE	MANISTEE		

