

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

PERMIT APPLICATIONS

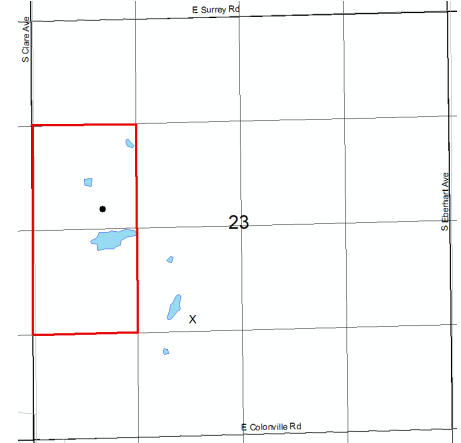
8/19/2019 THRU 8/23/2019



Application Number Date Received Permittee Number Permittee Name Page 1

406 08/20/2019 104 WEST BAY EXPLORATION COMPANY

13685 S WEST BAYSHORE DR
TRAVERSE CITY, MI49684



Prev Permit: 61417

Well Name: Clare Northern 1-23 A

Surface Owner: Clare Northern Group LLC

Well Type: OIL

True Vertical Depth: 3848

Permit Type: Drill

Target Formation: DUNDEE

H2S Present? Yes

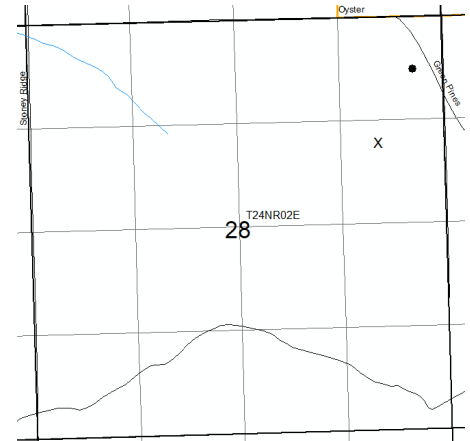
Deepest Formation: DUNDEE

SO 03-2019 - Directional re-drill with rig on location.

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SENE SW	23	17N	4W	GRANT	CLARE	1462 S 2006 W	
BHL:	SESWNW	23	17N	4W	GRANT	CLARE	2400 N 900 W	1078 N 421 E

408 08/20/2019 40 MUSKEGON DEVELOPMENT COMPANY

1425 S MISSION RD
MOUNT PLEASANT, MI 48858



Prev Permit:

Well Name: State Foster RCU 3-28

Surface Owner: State of Michigan

Well Type: OIL

True Vertical Depth: 4650

Permit Type: Drill

Target Formation: RICHFIELD

H2S Present? Yes

Deepest Formation: SYLVANIA

Rose City Unit, Order 197-6

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NWSENE	28	24N	2E	FOSTER	OGEMAW	1691 N 905 E	
BHL:	SENE NE	28	24N	2E	FOSTER	OGEMAW	723 N 370 E	

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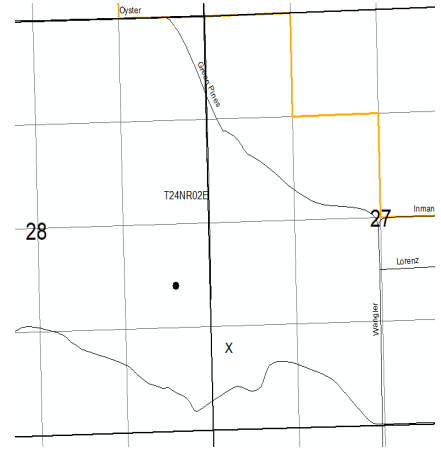
PERMIT APPLICATIONS

8/19/2019 THRU 8/23/2019



Application Number Date Received Permittee Number Permittee Name Page 2

409 08/20/2019 40 MUSKEGON DEVELOPMENT COMPANY
1425 S MISSION RD
MOUNT PLEASANT, MI 48858

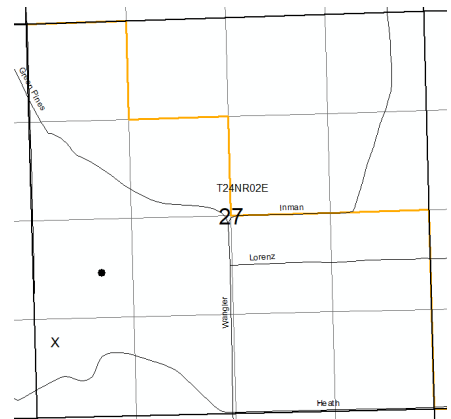


Rose City Unit, Order 197-6

Prev Permit:
Well Name: State Foster RCU 2-28 Surface Owner: State of Michigan
Well Type: OIL True Vertical Depth: 4586
Permit Type: Drill Target Formation: RICHFIELD
H2S Present? Yes Deepest Formation: SYLVANIA

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NWSWSW	27	24N	2E	ROSE	OGEMAW	1003 S 239 W	
BHL:	SENESE	28	24N	2E	FOSTER	OGEMAW	1796 S 547 W	

410 08/21/2019 40 MUSKEGON DEVELOPMENT COMPANY
1425 S MISSION RD
MOUNT PLEASANT, MI 48858



Rose City Unit, Order 197-6

Prev Permit:
Well Name: State Rose RCU 2-27 Surface Owner: State of Michigan
Well Type: OIL True Vertical Depth: 4595
Permit Type: Drill Target Formation: RICHFIELD
H2S Present? Yes Deepest Formation: SYLVANIA

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NWSWSW	27	24N	2E	ROSE	OGEMAW	1012 S 257 W	
BHL:	SENWSW	27	24N	2E	ROSE	OGEMAW	1928 S 898 W	

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PERMIT APPLICATIONS

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Application Number Date Received Permittee Number Permittee Name Page 3

411 08/22/2019 5320 SAVOY ENERGY LP
920 HASTINGS STREET, SUITE A
PO BOX 1560
TRAVERSE CITY, MI49685-1560

Prev Permit:

Well Name: Renshaw 1-24

Surface Owner: Renshaw, Steven D.

Well Type: OIL

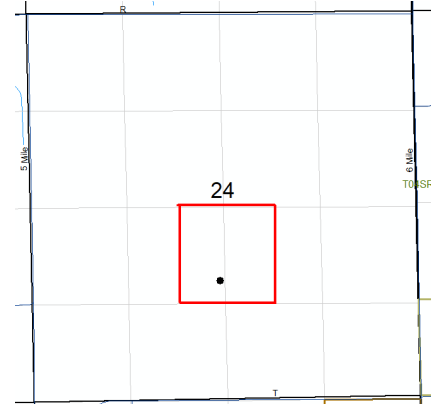
True Vertical Depth: 4000

Permit Type: Drill

Target Formation: TRENTON-BLACK RIVER

H2S Present? No

Deepest Formation: PRAIRIE DU CHIEN



40-Acre drilling unit, E/2 NE/4 SW/4, W/2 NW/4 SE/4 Section 24

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SENE SW	24	4S	8W	ATHENS	CALHOUN	1647 S 2587 W	
BHL:	SENE SW	24	4S	8W	ATHENS	CALHOUN	1647 S 2587 W	331 S 600 W

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PERMIT LIST

8/19/2019 THRU 8/23/2019



Permit Number Issue Date Permittee Number Permittee Name Page 1

61434 8/19/2019 6418 W B OSBORN OIL AND GAS OPERATIONS LTD
1250 NORTH EAST LOOP 410
SUITE 600
SAN ANTONIO, TX 78209

API Well No: 21-107-62003-00-00

Prev Permit:

Well Name: MCNEILLY-SANGER 1-17

Surface Owner: River Ridge Farms, Inc.

Well Type: Oil Well

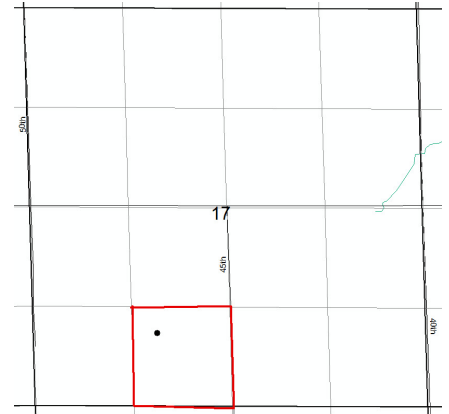
True Vertical Depth: 4000FT

Permit Type: Drill

Target Formation: DUNDEE

H2S Present? Yes

Deepest Formation: DUNDEE



40-Acre drilling unit, SE/4 SW/4 Section 17

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NWSESW	17	16N	7W	FORK	MECOSTA	990 S 1650 W	
BHL:	NWSESW	17	16N	7W	FORK	MECOSTA	990 S 1650 W	330 N 330 W

61435 8/22/2019 6040 NU ENERGY OPERATING INC.
P O BOX 1122
GAYLORD, MI 49735

API Well No: 21-025-62012-00-00

Prev Permit:

Well Name: BENNETT D2-34

Surface Owner: Larry & Leon Bennett.

Well Type: Oil Well

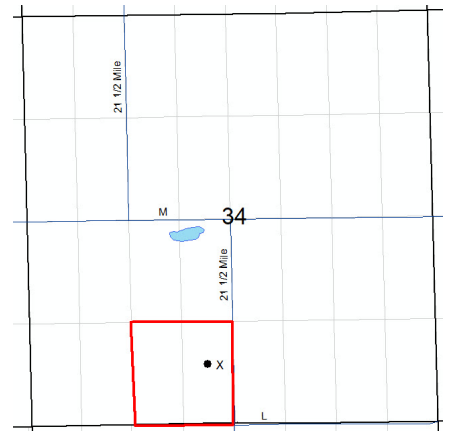
True Vertical Depth: 4900FT

Permit Type: Drill

Target Formation: TRENTON

H2S Present? No

Deepest Formation: BLACK RIVER



40-Acre drilling unit, SE/4 SW/4 Section 34

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NESESW	34	1S	5W	LEE	CALHOUN	772 S 2497 W	
BHL:	NESESW	34	1S	5W	LEE	CALHOUN	771 S 2318 W	557 N 331 E

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UPDATED PERMITS

8/19/2019 THRU 8/23/2019



Permit Number Permittee Number Permittee Name

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BOTTOM HOLE LOCATION CORRECTIONS:

29791 7772 LAMBDA ENERGY RESOURCES LLC
12012 Wickchester
Suite 300
Houston, TX 77055 USA

API Well Number: 21-055-29791-02-00

Well Name: WOLF & OLSZEWSKI 2-17 HD2

Correction Date: 8/22/2019

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NWSWNE	17	25N	11W	MAYFIELD	GRAND TRAVERSE	1786 N 2516 E	
BHL:	SESWNE	17	25N	11W	MAYFIELD	GRAND TRAVERSE	1116 N 1770 E	1116 N 457 E