

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

PERMIT APPLICATIONS

6/24/2019 THRU 6/28/2019



Application Number Date Received Permittee Number Permittee Name Page 1

377 06/26/2019 5320 SAVOY ENERGY LP
920 HASTINGS STREET, SUITE A
PO BOX 1560
TRAVERSE CITY, MI49685-1560

Prev Permit:

Well Name: Boyce 6-24 Surface Owner: David Parker Boyce
Revocable Trust

Well Type: OIL True Vertical Depth: 4500

Permit Type: Drill Target Formation: TRENTON-BLACK
RIVER

H2S Present? No Deepest Formation: BLACK RIVER

| Location: | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit Line |
|-----------|----------|-----|----------|-------|---------------|---------|------------------------|--------------------------|
| SL: | SWSESW | 24 | 4S | 1E | COLUMBIA | JACKSON | 231 S 1600 W | 231 S 1055 E |
| BHL: | SESESW | 24 | 4S | 1E | COLUMBIA | JACKSON | 406 S 2324 W | 406 S 331 E |

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Application Number

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Name

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380 06/25/2019

,

Prev Permit: 40339

Well Name: Baber et al 5-21 HD1

Surface Owner: Robert L. and Mary
Ann Wise

Well Type: OIL

True Vertical Depth: 6420

Permit Type: Drill

Target Formation: NIAGARAN

H2S Present? Yes

Deepest Formation: NIAGARAN

| Location: | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit Line |
|-----------|----------|-----|----------|-------|------------------|-------------------|---------------------------|--------------------------------|
| SL: | SWSESW | 16 | 26N | 10W | EAST BAY | GRAND TRAVERSE | 208 S 1600 W | |
| BHL: | SWNWNW | 21 | 26N | 10W | PARADISE | GRAND TRAVERSE | 810 N 166 W | 1947 S 2788 W |

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PERMIT LIST

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Permit Number Issue Date Permittee Number Permittee Name Page 1

61417 6/24/2019 104 WEST BAY EXPLORATION COMPANY

13685 S WEST BAYSHORE DR
TRAVERSE CITY, MI49684

API Well No: 21-035-62012-00-00

Prev Permit:

Well Name: CLARE NORTHERN 1-23

Surface Owner: Clare Northern Group LLC

Well Type: Oil Well

True Vertical Depth: 4150FT

Permit Type: Drill

Target Formation: DUNDEE

H2S Present? Yes

Deepest Formation: GLACIAL DRIFT

| 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: | NWSWNW | 23 | 17N | 4W | GRANT | CLARE | 1775 N 435 W | 453 N 435 W |

61418 6/27/2019 6310 CORE ENERGY LLC

1011 NOTEWARE DRIVE
TRAVERSE CITY, MI49686

API Well No: 21-137-61186-01-00

Prev Permit: 61186

Well Name: CHESTER 16 UNIT 8-16

Surface Owner: JEFF WEAVER

Well Type: Other Injection Well

True Vertical Depth: 6356FT

Permit Type: Convert

Target Formation: A-1 CARBONATE

H2S Present? No

Deepest Formation: GLACIAL DRIFT

| Location: | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit Line |
|-----------|----------|-----|----------|-------|---------------|--------|------------------------|--------------------------|
| SL: | NENWNE | 21 | 30N | 2W | CHESTER | OTSEGO | 195 N 1405 E | |
| BHL: | SESWSE | 16 | 30N | 2W | CHESTER | OTSEGO | 237 S 1364 E | 1556 S 1373 E |

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PERMIT LIST

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Permit Number Issue Date Permittee Number Permittee Name Page 2

61419 6/28/2019 5320 SAVOY ENERGY LP
920 HASTINGS STREET, SUITE A
PO BOX 1560
TRAVERSE CITY, MI49685-1560

API Well No: 21-025-62005-01-00

Prev Permit: 61372

Well Name: WEEKS 2-34 SWD

Surface Owner: EUGENE WEEKS
SR AND SHIRLEY WEEKS

Well Type: Brine Disposal Well

True Vertical Depth: 2785FT

Permit Type: Deepen

Target Formation: NIAGARAN

H2S Present? No

Deepest Formation: GLACIAL DRIFT

| Location: | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit Line |
|-----------|----------|-----|----------|-------|---------------|---------|------------------------|--------------------------|
| SL: | SESENE | 34 | 3S | 8W | LEROY | CALHOUN | 2096 N 250 E | |
| BHL: | SESENE | 34 | 3S | 8W | LEROY | CALHOUN | 2096 N 250 E | |

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Permit Number Permittee Number Permittee Name

PLUGGING INSTRUCTIONS ISSUED:

56323 5509 NORTHSTAR ENERGY LLC
1203 EAST 33RD STREET
SUITE 200
TULSA, OK 74105

API Well Number: 21-029-56323-00-00

Well Name: FRONTIER SHR 8-30 SWD

Plug Inst. Issue Date: 6/10/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|------------|------------------------|---------------------|
| SL: | NWSENE | 30 | 32N | 4W | HUDSON | CHARLEVOIX | 1827 N 953 E | |

Comment: App. to P&A expires 1/1/20.

9239 491 CONSUMERS ENERGY CO

1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-035-09239-00-00

Well Name: M G S C 619

Plug Inst. Issue Date: 5/29/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | CNNE | 30 | 20N | 6W | WINTERFIELD | CLARE | 1320 S 1320 W | 1320 N 1320 E |

Comment: App. to P&A expires 5/29/20.

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UPDATED PERMITS

6/24/2019 THRU 6/28/2019



Permit Number Permittee Number Permittee Name

14325 491 CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-035-14325-00-00

Well Name: MICHIGAN GAS STORAGE CO
398

Plug Inst. Issue Date: 5/29/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | CNNENW | 32 | 20N | 6W | WINTERFIELD | CLARE | 660 N 660 E | 660 N 660 E |

Comment: App. to P&A expires 5/29/20.

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Permit Number Permittee Number Permittee Name

61308 6498 WOLVERINE GAS AND OIL
COMPANY OF MICHIGAN LLC
ONE RIVERFRONT PLAZA
55 CAMPAU, NW
GRAND RAPIDS, MI 49503

API Well Number: 21-077-62011-00-00

Well Name: STURM 28-1

True Vertical Depth: 0

Plugging Date: 5/24/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-----------|------------------------|---------------------|
| SL: | | 28 | | | | KALAMAZOO | 686 N 2153 W | |
| BHL: | SENENW | 28 | | | | KALAMAZOO | 687 N 2264 W | 638 S 387 E |

28250 103 A N R PIPELINE CO

11039 150TH AVE
BIG RAPIDS, MI 49307

API Well Number: 21-117-28250-00-00

Well Name: MWPLC W-34

Plugging Date: 5/20/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|----------|------------------------|---------------------|
| SL: | NWNWSE | 7 | 12N | 9W | WINFIELD | MONTCALM | 125 N 400 W | 125 N 400 W |

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Permit Number Permittee Number Permittee Name

57900 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-57900-00-00

Well Name: CCR D1-25

Plugging Date: 5/15/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SWSWSW | 25 | 32N | 1E | MONTMORENCY | MONTMORENCY | 340 S 590 W | 340 S 590 W |

57901 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-57901-00-00

Well Name: CCR D4-36

Plugging Date: 5/16/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | NWSESE | 36 | 32N | 1E | MONTMORENCY | MONTMORENCY | 720 S 780 E | 720 S 530 W |

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Permit Number Permittee Number Permittee Name

57934 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-57934-00-00

Well Name: CCR D3-25

Plugging Date: 5/15/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SWSWSE | 25 | 32N | 1E | MONTMORENCY | MONTMORENCY | 570 S 2395 E | 570 S 1075 E |

57952 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-57952-00-00

Well Name: STATE MONTMORENCY & CCR
A2-36

Plugging Date: 5/15/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SWNENW | 36 | 32N | 1E | MONTMORENCY | MONTMORENCY | 660 N 1535 W | 654 S 1080 E |

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Permit Number Permittee Number Permittee Name

58007 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58007-00-00

Well Name: CCR A2-25

Plugging Date: 5/16/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SENENW | 25 | 32N | 1E | MONTMORENCY | MONTMORENCY | 955 N 2365 W | 362 S 1051 W |

58008 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58008-00-00

Well Name: CCR C2-25

Plugging Date: 5/16/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SWNESW | 25 | 32N | 1E | MONTMORENCY | MONTMORENCY | 1670 S 1945 W | 350 S 636 W |

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58010 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58010-00-00

Well Name: CCR A4-25

Plugging Date: 5/16/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SENESE | 25 | 32N | 1E | MONTMORENCY | MONTMORENCY | 930 N 390 E | 930 N 390 E |

58011 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58011-00-00

Well Name: CCR D4-24

Plugging Date: 5/16/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SESESE | 24 | 32N | 1E | MONTMORENCY | MONTMORENCY | 420 S 450 E | 420 S 450 E |

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Permit Number Permittee Number Permittee Name

58033 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58033-00-00

Well Name: CCR D4-25

Plugging Date: 5/15/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | NEESE | 25 | 32N | 1E | MONTMORENCY | MONTMORENCY | 810 S 450 E | 810 S 450 E |

58034 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58034-00-00

Well Name: CCR D2-24

Plugging Date: 5/16/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SESESW | 24 | 32N | 1E | MONTMORENCY | MONTMORENCY | 350 S 2040 W | 350 S 590 E |

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Permit Number Permittee Number Permittee Name

58035 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58035-00-00

Well Name: CCR B1-25

Plugging Date: 5/15/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SWSWNW | 25 | 32N | 1E | MONTMORENCY | MONTMORENCY | 2140 N 620 W | 515 S 620 W |

58088 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58088-00-00

Well Name: CCR D4-23

Plugging Date: 5/17/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SWSESE | 23 | 32N | 1E | MONTMORENCY | MONTMORENCY | 500 S 760 E | 500 S 535 W |

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Permit Number Permittee Number Permittee Name

58378 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58378-00-00

Well Name: CCR B3-25

Plugging Date: 5/15/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | NESWNE | 25 | 32N | 1E | MONTMORENCY | MONTMORENCY | 1770 N 1650 E | 452 N 335 E |

58727 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58727-00-00

Well Name: CCR D3-23

Plugging Date: 5/17/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | NWSWSE | 23 | 32N | 1E | MONTMORENCY | MONTMORENCY | 860 S 1965 E | 860 S 630 W |

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Permit Number Permittee Number Permittee Name

58728 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58728-00-00

Well Name: CCR D2-23

Plugging Date: 5/17/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SWSESW | 23 | 32N | 1E | MONTMORENCY | MONTMORENCY | 350 S 1675 W | 350 S 350 W |

58729 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58729-00-00

Well Name: CCR D1-24

Plugging Date: 5/17/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SESWSW | 24 | 32N | 1E | MONTMORENCY | MONTMORENCY | 400 S 715 W | 400 S 605 E |

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Permit Number Permittee Number Permittee Name

58730 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-58730-00-00

Well Name: CCR C4-24

Plugging Date: 5/15/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SENESE | 24 | 32N | 1E | MONTMORENCY | MONTMORENCY | 1875 S 400 E | 575 S 400 E |

59380 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-59380-00-00

Well Name: STATE MONTMORENCY D1-19

Plugging Date: 5/16/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SWSWSW | 19 | 32N | 2E | MONTMORENCY | MONTMORENCY | 480 S 630 W | 480 S 630 W |

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Permit Number Permittee Number Permittee Name

59381 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-119-59381-00-00

Well Name: STATE MONTMORENCY C1-19

Plugging Date: 5/16/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | NWNWSW | 19 | 32N | 2E | MONTMORENCY | MONTMORENCY | 2250 S 660 W | 350 N 660 W |

43019 4745 BELDEN AND BLAKE CORP DBA
WARD LAKE ENERGY

685 EAST M-32 SUITE 201
GAYLORD, MI 49735

API Well Number: 21-137-43019-00-00

Well Name: WALKER B3-29

Plugging Date: 5/22/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | NWSWNE | 29 | 30N | 1W | CHARLTON | OTSEGO | 759 S 449 W | 546 N 449 W |

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Permit Number Permittee Number Permittee Name

43021 4745 BELDEN AND BLAKE CORP DBA
WARD LAKE ENERGY

685 EAST M-32 SUITE 201
GAYLORD, MI 49735

API Well Number: 21-137-43021-00-00

Well Name: WALKER C3-29

Plugging Date: 5/24/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | SWNWSE | 29 | 30N | 1W | CHARLTON | OTSEGO | 709 N 445 W | 602 S 445 W |

43022 4745 BELDEN AND BLAKE CORP DBA
WARD LAKE ENERGY

685 EAST M-32 SUITE 201
GAYLORD, MI 49735

API Well Number: 21-137-43022-00-00

Well Name: WALKER, ET UX D2-29

Plugging Date: 5/31/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | NESESW | 29 | 30N | 1W | CHARLTON | OTSEGO | 750 S 381 E | 563 N 381 E |

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Permit Number Permittee Number Permittee Name

43023 4745 BELDEN AND BLAKE CORP DBA
WARD LAKE ENERGY

685 EAST M-32 SUITE 201
GAYLORD, MI 49735

API Well Number: 21-137-43023-00-00

Well Name: WALKER D3-29

Plugging Date: 5/29/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | SWSWSE | 29 | 30N | 1W | CHARLTON | OTSEGO | 648 S 373 W | 648 S 373 W |

53230 6361 RIVERSIDE ENERGY MICHIGAN LLC
10691 EAST CARTER ROAD
SUITE 201
TRAVERSE CITY, MI 49684

API Well Number: 21-137-53230-00-00

Well Name: GULDA A2-29

Plugging Date: 5/6/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | SWNENW | 29 | 32N | 3W | CORWITH | OTSEGO | 800 N 750 E | 493 S 750 E |

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Permit Number Permittee Number Permittee Name

APPLICATIONS TO CHANGE WELL STATUS:

9580 47 SUMMIT PETROLEUM COMPANY
LLC
102 WEST FRONT STREET
SUITE 200
TRAVERSE CITY, MI 49684

API Well Number: 21-133-09580-01-00

Well Name: MUND, JOHN 1

Approval Date: 6/3/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|---------|------------------------|---------------------|
| SL: | N2NESE | 6 | 17N | 10W | RICHMOND | OSCEOLA | 330 N 660 E | 330 N 660 E |

Proposed Rework: ACOWS to Repair Casing or Squeeze Cement

Comment: ACOWS to locate casing leak, squeeze cement, drill out cement, and put well back on production, expires 6/3/20.

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Permit Number Permittee Number Permittee Name

29653 7772 LAMBDA ENERGY RESOURCES LLC
12012 Wickchester
Suite 300
Houston, TX 77055 USA

API Well Number: 21-137-29653-00-00

Well Name: STATE BAGLEY 1-24

Approval Date: 6/17/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | NENESE | 24 | 30N | 3W | BAGLEY | OTSEGO | 460 N 460 E | 460 N 460 E |

Proposed Rework: ACOWS to Continue Drilling - HDH

Comment: ACOWS to drill an open hole lateral in the Niagaran, expires 6/17/20.

38286 6310 CORE ENERGY LLC
1011 NOTEWARE DRIVE
TRAVERSE CITY, MI 49686

API Well Number: 21-137-38286-00-00

Well Name: JANIK & STEVENS 3-11

True Vertical Depth: 5980

Approval Date: 5/29/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | NESESE | 11 | 30N | 3W | BAGLEY | OTSEGO | 1132 S 592 E | |
| BHL: | NWSESE | 11 | 30N | 3W | BAGLEY | OTSEGO | 734 S 830 E | 586 N 490 W |

Proposed Rework: ACOWS to Oil Producing Well

Comment: ACOWS to convert well from an observation well to an oil producing well, expires 5/29/20.

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

UPDATED PERMITS

6/24/2019 THRU 6/28/2019



Permit Number Permittee Number Permittee Name

RECORD OF CHANGE OF WELL STATUS:

36758 5953 H L BROWN OPERATING LLC
300 WEST LOUISIANA
PO BOX 2237
MIDLAND, TX 79702

API Well Number: 21-007-36758-00-00

Well Name: SNOWPLOW 1-5

Change Date: 6/6/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | SESWNW | 5 | 29N | 5E | OSSINEKE | ALPENA | 467 S 1117 W | 467 S 1117 W |

Proposed Rework: Reworked for Miscellaneous

Comment: RCOWS for setting CIBP 5528', perfed at 5460'-5474', and acidized new perfs.

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

API Well Number: 21-055-29791-01-00

Well Name: WOLF & OLSZEWSKI 2-17 HD1

True Vertical Depth: 6100

Change Date: 6/7/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|----------------|------------------------|---------------------|
| SL: | | 17 | 25N | 11W | MAYFIELD | GRAND TRAVERSE | 1786 N 2516 E | 0 |
| BHL: | SESWNE | 17 | 25N | 11W | MAYFIELD | GRAND TRAVERSE | 2055 N 1795 E | 1884 S 479 E |

Proposed Rework: Reworked to Continue Drilling - HDH

Comment: RCOWS documenting the drilling of the HD1 well.

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

UPDATED PERMITS

6/24/2019 THRU 6/28/2019



Permit Number Permittee Number Permittee Name

61297 6312 ARBOR OPERATING LLC
104 S UNION STREET SUITE 202
TRAVERSE CITY, MI 49684

API Well Number: 21-055-39426-03-00

Well Name: STATE GRANT & SVEC 1-9 True Vertical Depth: 5528
HD1A

Change Date: 6/2/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|----------------|------------------------|---------------------|
| SL: | | 9 | 25N | 12W | GRANT | GRAND TRAVERSE | 2391 S 2145 E | |
| BHL: | NWSENE | 9 | 25N | 12W | GRANT | GRAND TRAVERSE | 1760 N 1156 E | 850 S 1156 E |

Proposed Rework: Reworked to Continue Drilling - HDH

Comment: RCOWS documenting the drilling of the HD1A well.

61354 6498 WOLVERINE GAS AND OIL
COMPANY OF MICHIGAN LLC
ONE RIVERFRONT PLAZA
55 CAMPAU, NW
GRAND RAPIDS, MI 49503

API Well Number: 21-077-62006-02-00

Well Name: CLOUGH 29-1B True Vertical Depth: 3607

Change Date: 6/1/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-----------|------------------------|---------------------|
| SL: | | 29 | | | | KALAMAZOO | 2431 S 100 E | |
| BHL: | NENESE | 29 | | | | KALAMAZOO | 2317 S 624 E | 990 S 709 W |

Proposed Rework: Reworked to Perforate & Test Current Formation

Comment: RCOWS for adding perms in the Trenton Fmn. (existing fmn.) and acid stimulation.

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

UPDATED PERMITS

6/24/2019 THRU 6/28/2019



Permit Number Permittee Number Permittee Name

30164 7772 LAMBDA ENERGY RESOURCES LLC
12012 Wickchester
Suite 300
Houston, TX 77055 USA

API Well Number: 21-101-30164-05-00

Well Name: FINK LASARGE 2-32 HD1 True Vertical Depth: 4600

Change Date: 5/21/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|----------|------------------------|---------------------|
| SL: | | 32 | 23N | 15W | BEAR LAKE | MANISTEE | 1309 S 1780 E | |
| BHL: | SWSENE | 32 | 23N | 15W | BEAR LAKE | MANISTEE | 2286 N 761 E | 957 N 761 E |

Proposed Rework: Reworked to Continue Drilling - HDH

Comment: RCOWS documenting the drill of the HD1 well.

57601 4738 COBRA OIL AND GAS CORPORATION
2201 KELL BOULEVARD
PO BOX 8206
WICHITA FALLS, TX 76307-8206

API Well Number: 21-129-57601-00-00

Well Name: CLAYTON UNIT 14-31

Change Date: 9/14/2018

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | NESWSW | 31 | 21N | 4E | RICHLAND | OGEMAW | 689 S 750 W | 689 S 750 W |

Proposed Rework: Reworked to Perforate & Test Current Formation

Comment: RCOWS for new perfs added at 10936'-10962', and stimulation.

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

UPDATED PERMITS

6/24/2019 THRU 6/28/2019



Permit Number Permittee Number Permittee Name

38286 6310 CORE ENERGY LLC
1011 NOTEWARE DRIVE
TRAVERSE CITY, MI 49686

API Well Number: 21-137-38286-00-00

Well Name: JANIK & STEVENS 3-11 True Vertical Depth: 5980

Change Date: 5/29/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|--------|------------------------|---------------------|
| SL: | NESESE | 11 | 30N | 3W | BAGLEY | OTSEGO | 1132 S 592 E | |
| BHL: | NWSESE | 11 | 30N | 3W | BAGLEY | OTSEGO | 734 S 830 E | 586 N 490 W |

Proposed Rework: Reworked to Oil Producing Well

Comment: RCOWS for changing well from an observation well to an oil producing well.

27703 100 APOLLO EXPLORATION AND
DEVELOPMENT INC
1710 E REMUS ROAD
PO BOX 190
MOUNT PLEASANT, MI 48804-0190

API Well Number: 21-147-27703-00-00

Well Name: NAEYAERT ET AL 1

Change Date: 5/17/2019

| Location | QT QT QT | Sec | Township | Range | Township Name | County | Feet From Section Line | Feet From DRLG Unit |
|----------|----------|-----|----------|-------|---------------|-------------|------------------------|---------------------|
| SL: | SENENW | 5 | 5N | 15E | COLUMBUS | SAINT CLAIR | 812 N 330 E | 330 S 330 E |

Proposed Rework: Reworked to Perforate & Test Current Formation

Comment: RCOWS for perfs added in the Niagaran Fmn. (existing fmn.).