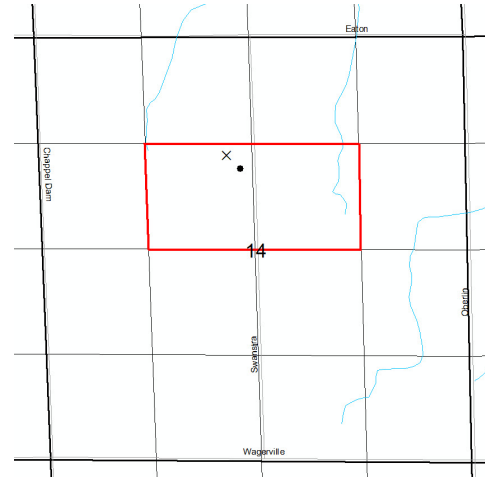


Michigan Department of Environmental Quality  
 Oil, Gas and Minerals Division  
 PERMIT APPLICATIONS  
 8/20/2018 THRU 8/24/2018



Application Number      Date Received      Permittee Number      Permittee Name      Page 1

251      08/20/2018      5280      JORDAN DEVELOPMENT COMPANY LLC  
 1503 GARFIELD RD NORTH  
 TRAVERSE CITY, MI 49696



Prev Permit:      Surface Owner: Beverly Grove  
 Well Name: GROVE 6-14      True Vertical Depth: 4275  
 Well Type: OIL      Target Formation: DUNDEE  
 Permit Type: Drill      Deepest Formation: DETROIT RIVER  
 H2S Present? Yes      ANHY

Drilling unit: 80A R 303 voluntary pooling request. SE/4 NW/4 & SW/4 NE/4 Section 14.

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NESENW	14	19N	2W	SAGE	GLADWIN	1450 N 2325 W	
BHL:	NESENW	14	19N	2W	SAGE	GLADWIN	1645 N 2405 W	330 N 1078 W

Michigan Department of Environmental Quality  
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PERMIT APPLICATIONS  
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Application Number      Date Received      Permittee Number      Permittee Name      Page 2

252      08/20/2018      6312      ARBOR OPERATING LLC  
104 S UNION STREET SUITE 202  
TRAVERSE CITY, MI49684

Prev Permit: 60840, 60901

Well Name: RHINESS 1-6HD2

Well Type: OIL

Permit Type: Drill

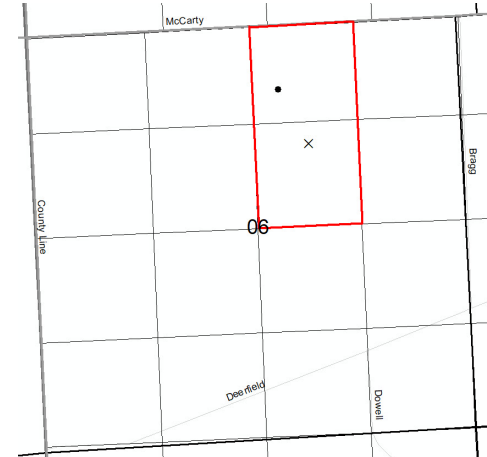
H2S Present? No

Surface Owner: Jerry Elder, Elaine E. Rhiness

True Vertical Depth: 2100

Target Formation: TRENTON

Deepest Formation: TRENTON



Drilling unit: 80A R 303 voluntary pooling.  
W/2 NE/4 Section 6.

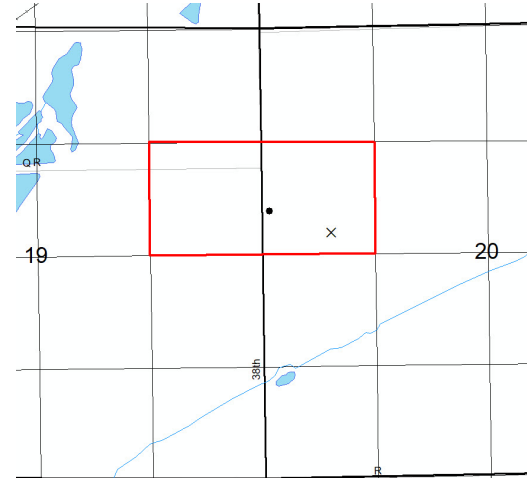
Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NESWNE	6	7S	6E	SUMMERFIEL D	MONROE	1505 N 1962 E	
BHL:	SWNWNE	6	7S	6E	SUMMERFIEL D	MONROE	841 N 2278 E	841 N 378 W

Michigan Department of Environmental Quality  
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 PERMIT APPLICATIONS  
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Application Number                      Date Received                      Permittee Number                      Permittee Name                      Page 3

253                      08/21/2018                      6498                      WOLVERINE GAS AND OIL  
 COMPANY OF MICHIGAN LLC  
 1 RIVERFRONT PLAZA  
 55 CAMPAU, NW  
 GRAND RAPIDS, MI 49503



Prev Permit:                      Surface Owner: Dale & Teryl Miller  
 Well Name: MILLER 20-1                      True Vertical Depth: 3893  
 Well Type: OIL                      Target Formation: TRENTON  
 Permit Type: Drill                      Deepest Formation: GLENWOOD  
 H2S Present? Yes

Drilling unit: 80A R 303 voluntary pooling. SE/4 NE/4 Section 19 & SW/4 NW/4 Section 20.

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SESWNW	20	3S	9W	CLIMAX	KALAMAZOO	2480 N 842 W	
BHL:	SWSWNW	20	3S	9W	CLIMAX	KALAMAZOO	2200 N 49 W	452 S 1268 E

Michigan Department of Environmental Quality  
 Oil, Gas and Minerals Division  
 PERMIT LIST  
 8/20/2018 THRU 8/24/2018



Permit Number      Issue Date      Permittee Number      Permittee Name      Page 1

61349      8/22/2018      4934      FEDERATED OIL AND GAS PROPERTIES INC  
 12719 S WEST BAY SHORE DR #5  
 PO BOX 946  
 TRAVERSE CITY, MI 49684

API Well No: 21-133-62015-00-00

Prev Permit: NONE

Well Name: SMITH 2-35

Surface Owner: Fred Smith

Well Type: Oil Well

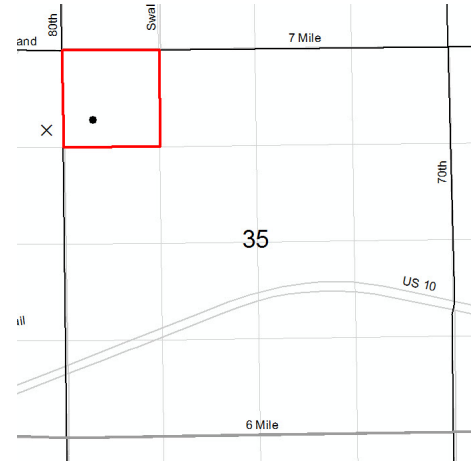
True Vertical Depth: 3720FT

Permit Type: Drill

Target Formation: DUNDEE

H2S Present? Yes

Deepest Formation: DUNDEE



Drilling unit: 40A NW/4 NW/4 Section 35

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SENESE	34	18N	8W	OSCEOLA	OSCEOLA	1014 N 222 E	
BHL:	SWNWNW	35	18N	8W	OSCEOLA	OSCEOLA	969 N 340 W	969 N 340 W

61351      8/23/2018      5312      PAXTON RESOURCES LLC  
 132 N OTSEGO AVE  
 GAYLORD, MI 49735

API Well No: 21-045-62001-00-00

Prev Permit:

Surface Owner: Claude Ghafari, et ux

Well Name: GHAFARI 1-24

True Vertical Depth: 3700FT

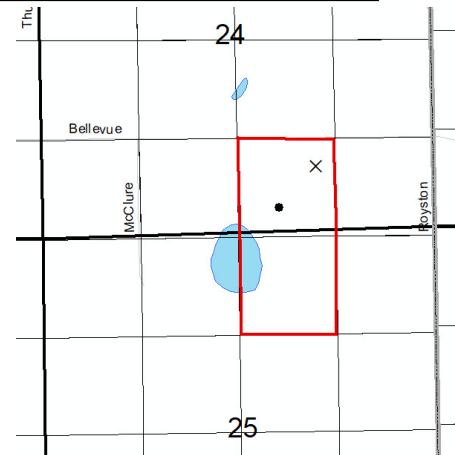
Well Type: Oil Well

Target Formation: NIAGARAN

Permit Type: Drill

Deepest Formation: CLINTON

H2S Present? No



Drilling unit: 80A. SW/4 SE/4 Sec. 24 and NW/4 NE/4 Sec. 25

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NESWSE	24	1N	4W	BROOKFIELD	EATON	938 S 1587 E	
BHL:	SWSWSE	24	1N	4W	BROOKFIELD	EATON	298 S 2004 E	1036 N 642 W

Michigan Department of Environmental Quality  
Oil, Gas and Minerals Division  
Updated Permits  
8/20/2018 THRU 8/24/2018



Permit Number      Permittee Number      Permittee Name

**PLUGGING INSTRUCTIONS ISSUED:**

32768                  6432                  COLUMBUS OIL AND GAS LLC  
3071 COMMERCE DRIVE  
SUITE B  
FORT GRATIOT, MI48059

API Well Number: 21-027-32768-00-00

Well Name: WOODS, JOHN W 1

Plug Inst. Issue Date: 8/17/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SESWSE	30	7S	14W	CALVIN	CASS	330 S 990 W	330 S 330 E

Comment: App. to P&A expires 8/1/19.

33171                  6432                  COLUMBUS OIL AND GAS LLC  
3071 COMMERCE DRIVE  
SUITE B  
FORT GRATIOT, MI48059

API Well Number: 21-027-33171-00-00

Well Name: WOODS, JOHN W 2

Plug Inst. Issue Date: 8/17/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SENESE	30	7S	14W	CALVIN	CASS	990 N 330 E	330 S 330 E

Comment: App. to P&A expires 8/1/19.

Michigan Department of Environmental Quality  
Oil, Gas and Minerals Division  
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8/20/2018 THRU 8/24/2018



Permit Number      Permittee Number      Permittee Name

13089      491      CONSUMERS ENERGY CO  
1945 W PARNALL RD  
JACKSON, MI 49201

API Well Number: 21-035-13089-00-00

Well Name: MICHIGAN GAS STORAGE CO  
259

Plug Inst. Issue Date: 8/22/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNWSE	2	20N	6W	WINTERFIELD	CLARE	660 N 660 W	660 N 660 W

Comment: App. to P&A expires 8/22/19.

61276      5320      SAVOY ENERGY LP  
920 HASTINGS STREET, SUITE A  
PO BOX 1560  
TRAVERSE CITY, MI49685-1560

API Well Number: 21-137-62002-00-00

Well Name: HOWARD 1-35

Plug Inst. Issue Date: 5/25/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SESWSE	35	32N	2W	CORWITH	OTSEGO	166 S 1441 E	166 S 1194 W
BHL:	NESESE	35	32N	2W	CORWITH	OTSEGO	861 S 630 E	861 S 630 E

Comment: App. to P&A expires 5/25/19.

Michigan Department of Environmental Quality  
Oil, Gas and Minerals Division  
Updated Permits  
8/20/2018 THRU 8/24/2018



Permit Number      Permittee Number      Permittee Name

**RECORD OF WELL PLUGGING:**

38176                  5260                  GOODALE ENTERPRISES LLC  
0-21 FENNESSY RD SW  
GRAND RAPIDS, MI 49534

API Well Number: 21-005-38176-00-00

Well Name: MIKLUSICAK 2

Plugging Date: 7/19/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NENENE	9	3N	11W	WAYLAND	ALLEGAN	330 N 330 E	330 N 330 E

49615                  4745                  BELDEN AND BLAKE CORP DBA  
WARD LAKE ENERGY  
685 EAST M-32 SUITE 201  
GAYLORD, MI 49735

API Well Number: 21-007-49615-00-00

Well Name: EDGEWOOD CLUB A2-26SWD

Plugging Date: 8/2/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NWNENW	26	30N	5E	GREEN	ALPENA	184 N 1329 E	

Michigan Department of Environmental Quality  
Oil, Gas and Minerals Division  
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Permit Number      Permittee Number      Permittee Name

18939            40            MUSKEGON DEVELOPMENT COMPANY  
1425 S MISSION RD  
MOUNT PLEASANT, MI 48858

API Well Number: 21-035-18939-00-00

Well Name: STAFFORD, JAMES D ET AL 3

Plugging Date: 4/12/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	N2SWSE	10	20N	3W	FRANKLIN	CLARE	990 S 660 W	990 S 660 W

18940            40            MUSKEGON DEVELOPMENT COMPANY  
1425 S MISSION RD  
MOUNT PLEASANT, MI 48858

API Well Number: 21-035-18940-00-00

Well Name: STAFFORD, JAMES D ET AL 2

Plugging Date: 4/26/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	N2NESE	10	20N	3W	FRANKLIN	CLARE	330 N 660 E	330 N 660 E



Michigan Department of Environmental Quality  
Oil, Gas and Minerals Division  
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8/20/2018 THRU 8/24/2018



Permit Number      Permittee Number      Permittee Name

19956            40                    MUSKEGON DEVELOPMENT  
COMPANY  
  
1425 S MISSION RD  
MOUNT PLEASANT, MI 48858

API Well Number: 21-035-19956-00-00  
  
Well Name: HUBER-DAVISON ET AL 3  
  
Plugging Date: 9/18/2017

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NWNWSE	1	19N	4W	HAYES	CLARE	330 N 380 W	330 N 380 W

61276            5320                    SAVOY ENERGY LP  
920 HASTINGS STREET, SUITE A  
PO BOX 1560  
TRAVERSE CITY, MI49685-1560

API Well Number: 21-137-62002-00-00  
  
Well Name: HOWARD 1-35  
  
Plugging Date: 5/19/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SESWSE	35	32N	2W	CORWITH	OTSEGO	166 S 1441 E	166 S 1194 W
BHL:	NESESE	35	32N	2W	CORWITH	OTSEGO	861 S 630 E	861 S 630 E

Michigan Department of Environmental Quality  
Oil, Gas and Minerals Division  
Updated Permits  
8/20/2018 THRU 8/24/2018



Permit Number      Permittee Number      Permittee Name

**RECORD OF CHANGE OF WELL STATUS:**

60487      5320      SAVOY ENERGY LP  
920 HASTINGS STREET, SUITE A  
PO BOX 1560  
TRAVERSE CITY, MI49685-1560

API Well Number: 21-075-60487-00-00

Well Name: BETZ 1-3

Change Date: 2/19/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NESENE	3	1S	3W	SPRINGPORT	JACKSON	1723 N 109 E	615 N 549 W

Proposed Rework:      Reworked to Perforate & Test Current Formation

Comment:      RCOWS for perms at 4910'-4920' and acid stimulation.

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Michigan Department of Environmental Quality  
 Oil, Gas and Minerals Division  
 Updated Permits  
 8/20/2018 THRU 8/24/2018



Permit Number      Permittee Number      Permittee Name

**PERMIT TERMINATIONS:**

60720                  6040                  NU ENERGY OPERATING INC  
 145 WEST MAIN ST  
 SUITE 301  
 GAYLORD, MI 49735

API Well Number: 21-025-60720-00-00

Well Name: WILSON D3-23

Termination Date: 8/22/2018

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SWSWSE	23	1S	4W	CLARENCE	CALHOUN	350 S 2246 E	350 S 350 W

Michigan Department of Environmental Quality  
 Oil, Gas and Minerals Division  
 Updated Permits  
 8/20/2018 THRU 8/24/2018



Permit Number      Permittee Number      Permittee Name

**CORRECTIONS:**

35041      6432      COLUMBUS OIL AND GAS LLC  
 3071 COMMERCE DRIVE  
 SUITE B  
 FORT GRATIOT, MI48059

API Well Number: 21-027-35041-01-00

Well Name: BURNS & GROWHOWSKI 1-33

Correction Date: 8/23/2018

Formation: TRAVERSE LIMESTONE

Surface Owner: FEE

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NENESE	33	7S	14W	CALVIN	CASS	330 N 330 E	330 N 330 E

Comment: Well status changed from ACT to SI due to MIT not conducted in last five years.

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Michigan Department of Environmental Quality  
Oil, Gas and Minerals Division  
Updated Permits  
8/20/2018 THRU 8/24/2018



Permit Number      Permittee Number      Permittee Name

**TRANSFER OF OWNERSHIP:**

50807      100      APOLLO EXPLORATION AND DEVELOPMENT INC  
1710 E REMUS ROAD  
PO BOX 190  
MOUNT PLEASANT, MI 48804-0190

API Well Number: 21-101-50807-00-00

Well Name: STATE MANISTEE & CAPPER 1-24 HD

Transfer Date: 8/23/2018

Previous Owner: ARBOR OPERATING LLC

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SWSESE	24	22N	17W	MANISTEE	MANISTEE	176 S 1083 E	
BHL:	SWSWSE	24	22N	17W	MANISTEE	MANISTEE	346 S 322 W	346 S 322 W