

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

PERMIT APPLICATIONS

7/19/2021 THRU 7/23/2021



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Application Number

Date Received

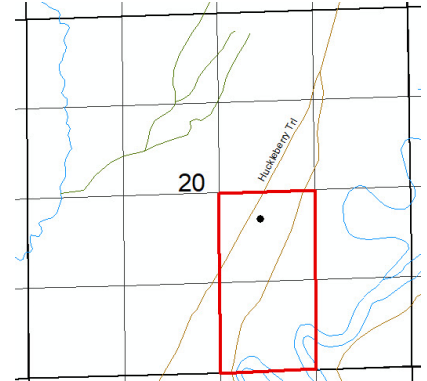
Permittee
Number

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Name

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587 07/22/2021 104 WEST BAY EXPLORATION
COMPANY

13685 S WEST BAYSHORE DR
TRAVERSE CITY, MI 49684



Prev Permit:

Well Name: State Redding & Consumers
Power 1-20

Surface Owner: State of Michigan

Well Type: OIL

True Vertical Depth: 4000

Permit Type: Drill

Target Formation: DUNDEE

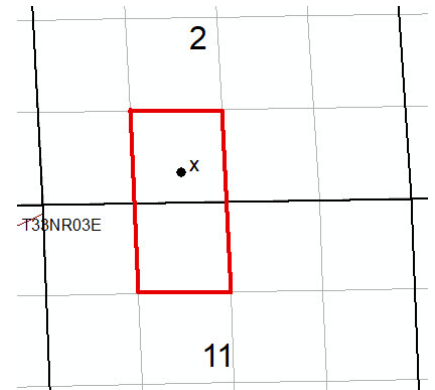
H2S Present? Yes

Deepest Formation: DUNDEE

80-Acre R303 Drilling Unit, W/2
SE/4 Section 20 (*Revised surf
hole move)

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NWNWSE	20	19N	6W	REDDING	CLARE	1995 S 2077 E	330 N 526 E
BHL:	NWNWSE	20	19N	6W	REDDING	CLARE	1995 S 2077 E	330 N 526 E

597 07/20/2021 7772 LAMBDA ENERGY RESOURCES
LLC
12012 Wickchester
Suite 300
Houston, TX 77079



Prev Permit: None

Well Name: Royal Rack Ranch 1-2

Surface Owner: Royal Rack, LLC

Well Type: OIL

True Vertical Depth: 3800

Permit Type: Drill

Target Formation: NIAGARAN BROWN

H2S Present? No

Deepest Formation: NIAGARAN GRAY

80-Acre Drilling Unit, SE/4 SW/4
Sec 2, NE/4 NW/4 Sec 11

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SESESW	2	33N	3E	CASE	PRESQUE ISLE	503 S 2183 W	
BHL:	SESESW	2	33N	3E	CASE	PRESQUE ISLE	369 S 2034 W	947 N 616 E

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599 07/20/2021 5320 SAVOY ENERGY LP
920 HASTINGS STREET, SUITE A
PO BOX 1560
TRAVERSE CITY, MI 49685-1560

Prev Permit: 61515

Well Name: HELWIG 1-7 HD2

Well Type: OIL

Permit Type: Reentry

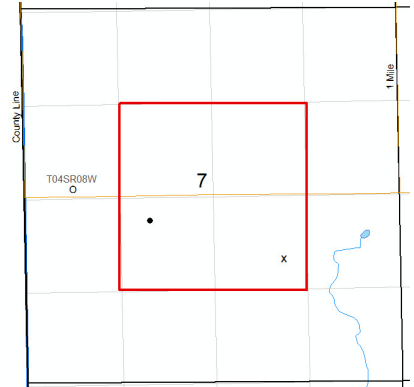
H2S Present? No

Surface Owner: Helwig, Jacque A

True Vertical Depth: 3437

Target Formation: TRENTON

Deepest Formation: TRENTON



160-Acre R303 Drilling Unit, SE/4 NW/4,
SW/4 NE/4, NW/4 SE/4, NE/4 SW/4
Section 7

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SENWSE	7	4S	8W	ATHENS	CALHOUN	1769 S 1701 E	
BHL:	NWNESW	7	4S	8W	ATHENS	CALHOUN	2370 S 1764 E	1000 S 410 W

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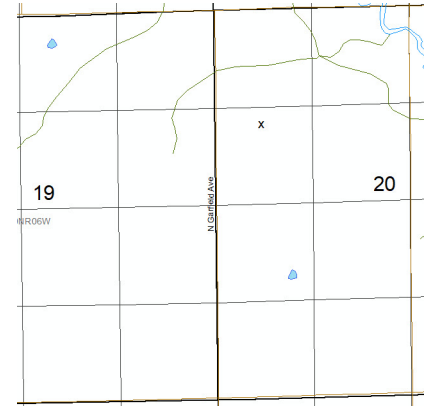


Permit Number: 61548
Issue Date: 7/22/2021
Permittee Number: 491
Permittee Name: CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well No: 21-035-62016-00-00
Prev Permit:
Well Name: W -1003 P (Pilot)
Well Type: Gas Storage
Permit Type: Drill
H2S Present? No

Surface Owner: Consumers Energy Company
True Vertical Depth: 1420FT
Target Formation: MICHIGAN STRAY
Deepest Formation: MARSHALL

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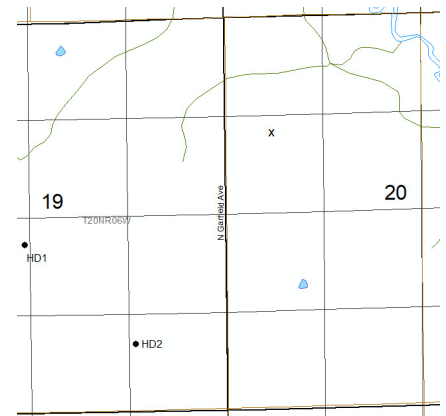
No Drilling Unit, Winterfield Gas Storage Field

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NWSWNW	20	20N	6W	WINTERFIELD	CLARE	1573 N 641 W	
BHL:	NWSWNW	20	20N	6W	WINTERFIELD	CLARE	1573 N 641 W	

61549
7/23/2021
491
CONSUMERS ENERGY CO
1945 W PARNALL RD
JACKSON, MI 49201

API Well No: 21-035-62016-01-00
Prev Permit: 61548
Well Name: W -1003 HD1
Well Type: Gas Storage Permit
Type: Re-Entry
H2S Present? No

Surface Owner: Consumers Energy Company
True Vertical Depth: 1319FT
Target Formation: MICHIGAN STRAY
Deepest Formation: MICHIGAN STRAY



No Drilling Unit, Winterfield Gas Storage Field

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NWSWNW	20	20N	6W	WINTERFIELD	CLARE	1573 N 641 W	
BHL:	NENESW	19	20N	6W	WINTERFIELD	CLARE	2260 S 2433 W	

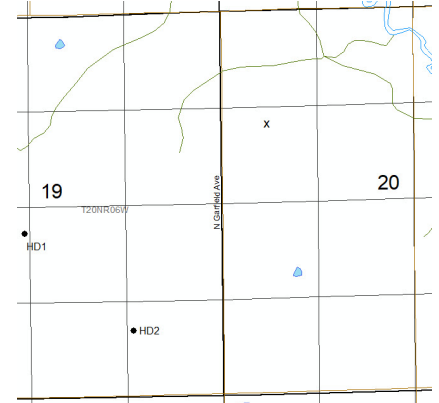
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Permit Number	Issue Date	Permittee Number	Permittee Name
61549	7/23/2021	491	CONSUMERS ENERGY CO
			1945 W PARNALL RD JACKSON, MI 49201
API Well No: 21-035-62016-02-00			
Prev Permit: 61549			
Well Name: W -1003 HD2			Surface Owner: Consumers Energy Company
Well Type: Gas Storage Permit			True Vertical Depth: 1303FT
Type: Deepen			Target Formation: MICHIGAN STRAY
H2S Present? No			Deepest Formation: MICHIGAN STRAY



No Drilling Unit, Winterfield Gas Storage Field

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	NWSWNW	20	20N	6W	WINTERFIELD	CLARE	1573 N 641 W	
BHL:	NWSESE	19	20N	6W	WINTERFIELD	CLARE	894 S 1226 E	

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PLUGGING INSTRUCTIONS ISSUED:

11811 7772 LAMBDA ENERGY RESOURCES LLC
12012 Wickchester
Suite 300
Houston, TX 77079 USA

API Well Number: 21-113-11811-00-00

Well Name: HORNER, FRANK S, TR 28

Plug Inst. Issue Date: 7/20/2021

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	S2NENW	13	24N	5W	NORWICH	MISSAUKEE	990 N 660 E	6270 N 7260 W
BHL:	S2NENW	13	24N	5W	NORWICH	MISSAUKEE		

Comment: App to P&A expires on 7/20/22



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RECORD OF WELL PLUGGING:

48477 7772 LAMBDA ENERGY RESOURCES LLC
12012 Wickchester
Suite 300
Houston, TX 77079 USA

API Well Number: 21-079-47761-02-00

Well Name: STATE FREDERIC 2-7

True Vertical Depth: 7175

Plugging Date: 7/7/2021

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NWNENE	13	28N	5W	BLUE LAKE	KALKASKA	460 N 849 E	
BHL:	NESWSE	7	28N	4W	FREDERIC	CRAWFORD	819 S 890 W	819 S 431 E

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APPLICATIONS TO CHANGE WELL STATUS:

22681 491 CONSUMERS ENERGY CO

1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-125-22681-00-00

Well Name: MCGARY-WEISS COMM 1

Approval Date: 6/16/2021

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NWSWNW	34	1N	7E	LYON	OAKLAND	990 S 120 W	
BHL:	NWSWNW	34	1N	7E	LYON	OAKLAND		

Proposed Rework: ACOWS for Miscellaneous

Comment: ACOWS to clean well, log, acidize & swab, then plugback to 3630', expires on 6/30/21

61483 7772 LAMBDA ENERGY RESOURCES LLC
12012 Wickchester
Suite 300
Houston, TX 77079 USA

API Well Number: 21-039-62000-00-00

Well Name: STATE FREDERIC 3-16

Approval Date: 7/19/2021

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SWNWNW	16	28N	4W	FREDERIC	CRAWFORD	1293 N 136 W	1293 N 1189 E
BHL:	SWNWNW	16	28N	4W	FREDERIC	CRAWFORD	1293 N 136 W	1293 N 1189 E

Proposed Rework: ACOWS to Perforate and Test Current Formation

Comment: ACOWS to perf and test the A-1 carbonate as first completion expires on 7/19/22

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Permit Number Permittee Number Permittee Name

RECORD OF CHANGE OF WELL STATUS:

13322 491 CONSUMERS ENERGY CO

1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-035-13322-00-00

Well Name: MICHIGAN GAS STORAGE CO
309

Change Date: 7/16/2021

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

Proposed Rework: Reworked to Perforate & Test Current Formation

Comment: Reworked to clean well, log, perf F/ 1295' T/ 1320', and return well to service.

22681 491 CONSUMERS ENERGY CO

1945 W PARNALL RD
JACKSON, MI 49201

API Well Number: 21-125-22681-00-00

Well Name: MCGARY-WEISS COMM 1

Change Date: 6/23/2021

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	NWSWNW	34	1N	7E	LYON	OAKLAND	990 S 120 W	
BHL:	NWSWNW	34	1N	7E	LYON	OAKLAND		

Proposed Rework: Reworked for Miscellaneous

Comment: Reworked to clean well, log, plugback T/ 3626'.