

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

PERMIT LIST

5/11/2020 THRU 5/15/2020



Permit Number Issue Date Permittee Number Permittee Name Page 1

61485 5/11/2020 5320 SAVOY ENERGY LP
920 HASTINGS STREET, SUITE A
PO BOX 1560
TRAVERSE CITY, MI 49685-1560

API Well No: 21-025-62022-00-00

Prev Permit:

Well Name: MOTZ 2-19 SWD

Surface Owner: BETTY MOTZ

Well Type: Brine Disposal Well

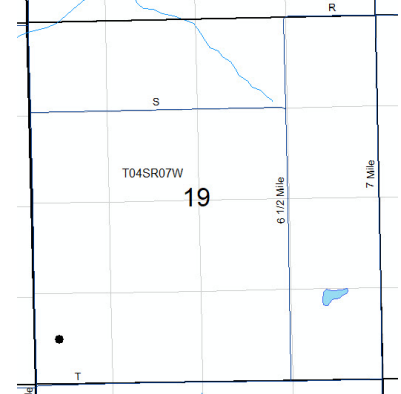
True Vertical Depth: 2645FT

Permit Type: Drill

Target Formation: NIAGARAN

H2S Present? No

Deepest Formation: CABOT HEAD



Non-producing well, no drilling unit

Location:	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit Line
SL:	SWSWSW	19	4S	7W	BURLINGTON	CALHOUN	651 S 360 W	
BHL:	SWSWSW	19	4S	7W	BURLINGTON	CALHOUN	651 S 360 W	

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Permit Number Permittee Number Permittee Name

PLUGGING INSTRUCTIONS ISSUED:

9353 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-09353-00-00

Well Name: M G S C 733

Plug Inst. Issue Date: 4/29/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNSW	5	20N	5W	SUMMERFIELD	CLARE	1320 S 1320 W	
BHL:	CNSW	5	20N	5W	SUMMERFIELD	CLARE	1320 N 1320 E	

Comment: App to P&A expires on 4/29/21

10155 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-10155-00-00

Well Name: MICH GAS STORAGE 706

Plug Inst. Issue Date: 4/24/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNE	17	20N	5W	SUMMERFIELD	CLARE	1320 N 1320 E	
BHL:	CNNE	17	20N	5W	SUMMERFIELD	CLARE	1320 S 1320 W	

Comment: App to P&A expires on 4/24/21; New GRN and CB logs required during P&A operations.

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Permit Number Permittee Number Permittee Name

20627 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-20627-00-00

Well Name: M G S C 926

Plug Inst. Issue Date: 4/24/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNSWNE	3	19N	6W	REDDING	CLARE	660 S 660 W	
BHL:	CNSWNE	3	19N	6W	REDDING	CLARE	660 S 660 W	

Comment: App to P&A expires on 4/24/21; CB log run required during P&A operations.

17195 40 MUSKEGON DEVELOPMENT
 COMPANY
 1425 S MISSION RD
 MOUNT PLEASANT, MI 48858

API Well Number: 21-051-17195-00-00

Well Name: MCCRANDALL, B & G 1-A

Plug Inst. Issue Date: 4/28/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SWSW	2	17N	1E	BILLINGS	GLADWIN	360 S 990 E	360 S 330 W
BHL:	SWSW	2	17N	1E	BILLINGS	GLADWIN	360 S 990 E	360 S 330 W

Comment: App to P&A expires on 4/28/21

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Permit Number Permittee Number Permittee Name

APPLICATIONS TO CHANGE WELL STATUS:

9065 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-09065-00-00

Well Name: M G S C 599

Approval Date: 5/1/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNW	33	20N	6W	WINTERFIELD	CLARE	1320 S 1320 W	
BHL:	CNNW	33	20N	6W	WINTERFIELD	CLARE	1320 N 1320 E	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to log, underream, and work on monitoring port expires 5/1/21

10242 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-10242-00-00

Well Name: MICH GAS STORAGE 711

Approval Date: 5/1/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNSE	1	20N	6W	WINTERFIELD	CLARE	1320 S 1320 W	
BHL:	CNSE	1	20N	6W	WINTERFIELD	CLARE	1320 N 1320 E	

Proposed Rework: ACOWS for Miscellaneous

Comment: ACOWS to log, underream, spot acid, perf, set tubing, and work on monitor port expires 5/1/21

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12761 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-12761-00-00
 Well Name: MICHIGAN GAS STORAGE CO
 233
 Approval Date: 4/29/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNWSE	31	20N	6W	WINTERFIELD	CLARE	660 N 660 W	
BHL:	CNNWSE	31	20N	6W	WINTERFIELD	CLARE	660 N 660 W	

Proposed Rework: ACOWS to Perforate and Test Current Formation Comment: ACOWS to log, underream, spot acid, perf, and perform port work expires 4/20/21

13249 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-13249-00-00
 Well Name: MICHIGAN GAS STORAGE CO
 293
 Approval Date: 5/1/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNWNW	31	20N	6W	WINTERFIELD	CLARE	660 N 660 W	
BHL:	CNNWNW	31	20N	6W	WINTERFIELD	CLARE	660 N 660 W	

Proposed Rework: ACOWS to Underream Open Hole Comment: ACOWS to log and underream expires 5/1/21

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13387 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-13387-00-00

Well Name: MICHIGAN GAS STORAGE CO
 313

Approval Date: 4/27/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNSES	29	20N	6W	WINTERFIELD	CLARE	560 S 660 E	
BHL:	CNSES	29	20N	6W	WINTERFIELD	CLARE	560 S 660 E	

Proposed Rework: ACOWS for Miscellaneous

Comment: ACOWS to pull tubing, log, underream, perf, set tubing, and work on monitor port expires 4/24/21

13409 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-13409-00-00

Well Name: MICHIGAN GAS STORAGE CO
 328

Approval Date: 5/1/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNSES	19	20N	6W	WINTERFIELD	CLARE	660 S 660 E	
BHL:	CNSES	19	20N	6W	WINTERFIELD	CLARE	660 S 660 E	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to log, underream, and work on monitoring port expires 5/1/21

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13415 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-13415-00-00

Well Name: MICHIGAN GAS STORAGE CO
 329

Approval Date: 4/27/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNENE	30	20N	6W	WINTERFIELD	CLARE	660 N 660 E	
BHL:	CNNENE	30	20N	6W	WINTERFIELD	CLARE	660 N 660 E	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to pull tubing, log, underream, set new tubing, and monitor annulus expires 4/27/21

13426 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-13426-00-00

Well Name: MICHIGAN GAS STORAGE CO
 326

Approval Date: 4/27/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNSENW	30	20N	6W	WINTERFIELD	CLARE	660 S 660 E	
BHL:	CNSENW	30	20N	6W	WINTERFIELD	CLARE	660 S 660 E	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to log, underream, and work on monitoring port expires 4/27/21

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13453 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-13453-00-00

Well Name: MICHIGAN GAS STORAGE CO
 332

Approval Date: 4/27/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNSWNE	31	20N	6W	WINTERFIELD	CLARE	660 S 660 W	
BHL:	CNSWNE	31	20N	6W	WINTERFIELD	CLARE	660 S 660 W	

Proposed Rework: ACOWS for Miscellaneous

Comment: ACOWS to pull tubing, log, underream, perf, and work on monitor port expires 4/27/21

14173 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-14173-00-00

Well Name: MICHIGAN GAS STORAGE
 COMPANY 377

Approval Date: 5/1/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNSWNE	19	20N	6W	WINTERFIELD	CLARE	660 S 660 W	
BHL:	CNSWNE	19	20N	6W	WINTERFIELD	CLARE	660 S 660 W	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to log, underream, and work on monitor port expires 5/1/21

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20624 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-20624-00-00

Well Name: M G S C 922

Approval Date: 5/1/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SESESE	28	20N	6W	WINTERFIELD	CLARE	100 S 100 E	
BHL:	SESESE	28	20N	6W	WINTERFIELD	CLARE	100 S 100 E	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to pull tubing, log, underream, set tubing, and work on monitor port expires 5/1/21

20649 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-20649-00-00

Well Name: M G S C 908

Approval Date: 4/27/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SESESE	18	20N	6W	WINTERFIELD	CLARE	1320 N 100 E	
BHL:	SESESE	18	20N	6W	WINTERFIELD	CLARE	1320 N 100 E	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to log, underream, and work on monitor port expires 4/27/21

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20980 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-20980-00-00

Well Name: MGSC 956

Approval Date: 4/29/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SENE SW	20	20N	6W	WINTERFIELD	CLARE	1270 N 150 E	
BHL:	SENE SW	20	20N	6W	WINTERFIELD	CLARE	1270 N 150 E	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to log, underream, and perform port installation work expires 4/29/21

20983 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-035-20983-00-00

Well Name: MGSC 959

Approval Date: 5/1/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	SESWNW	33	20N	6W	WINTERFIELD	CLARE	100 S 1320 W	
BHL:	SESWNW	33	20N	6W	WINTERFIELD	CLARE	100 S 1320 W	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to pull tubing, log, underream, set tubing, and work on monitor port expires 5/1/21

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15156 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-113-15156-00-00

Well Name: M G S C 425

Approval Date: 5/5/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNWSE	34	21N	6W	CLAM UNION	MISSAUKEE	660 N 660 W	
BHL:	CNNWSE	34	21N	6W	CLAM UNION	MISSAUKEE	660 N 660 W	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to log, underream, and work on monitoring port expires 5/5/21

12714 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-133-12714-00-00

Well Name: MICHIGAN GAS STORAGE CO
 216

Approval Date: 4/29/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNNESW	25	20N	7W	MARION	OSCEOLA	660 N 660 E	
BHL:	CNNESW	25	20N	7W	MARION	OSCEOLA	660 S 660 W	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to log, underream, install new tubing, and perform port work expires 4/29/21

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13407 491 CONSUMERS ENERGY CO
 1945 W PARNALL RD
 JACKSON, MI 49201

API Well Number: 21-133-13407-00-00

Well Name: MICHIGAN GAS STORAGE CO
 323

Approval Date: 5/7/2020

Location	QT QT QT	Sec	Township	Range	Township Name	County	Feet From Section Line	Feet From DRLG Unit
SL:	CNSWNE	25	20N	7W	MARION	OSCEOLA	660 S 660 W	
BHL:	CNSWNE	25	20N	7W	MARION	OSCEOLA	660 S 660 W	

Proposed Rework: ACOWS to Underream Open Hole

Comment: ACOWS to log, underream, and work on monitoring port expires 5/7/21