Permnoit Applications
8/27/2018 THRU 8/31/2018

Date Received: 08/27/2018
Permittee Number: 6042
Permittee Name: HARDY AND HARDY CONSULTING LLC

PO BOX 332
DEWITT, MI 48820

Prev Permit: 61307
Well Name: City of Mason 11-2A
Well Type: OIL
Permit Type: Reentry
H2S Present? Yes

Surface Owner: John Sean Blizzard
True Vertical Depth: 4440
Target Formation: RICHFIELD
Deepest Formation: AMHERSTBURG

Location: QT QT QT
Sec Township Range Township Name County
SL: NENWNW 2 13N 2W JASPER MIDLAND 330 N 972 W
BHL: NENWNW 2 13N 2W JASPER MIDLAND 330 N 972 W 330 N 330 E

Prev Permit: 34778
Well Name: FARRIS & HOPPER 1-2
Well Type: GIW
Permit Type: Reentry
H2S Present: Yes

Surface Owner: Travis Farris
True Vertical Depth: 3920
Target Formation: NIAGARAN BROWN
Deepest Formation: NIAGARAN GRAY

Conversion to injection. 200A unit for enhanced recovery SO (A) 47-12-87. SW/4 AND W/2 SE/4 Sect 2.

Location: QT QT QT
Sec Township Range Township Name County
SL: SWSESW 2 13N 18W CLAYBANKS OCEANA 460 S 860 E
BHL: SWSESW 2 13N 18W CLAYBANKS OCEANA 460 S 860 E 460 S 1780 W
API Well No: 21-045-62002-00-00

Well Name: SCARBRO 1-19

Well Type: Oil Well

Permit Type: Drill

H2S Present? No

Surface Owner: Lawrence J. Scarbro, et ux

True Vertical Depth: 3700FT

Target Formation: NIAGARAN

Deepest Formation: CLINTON

Drilling unit: 80A. N/2 NE/4 Sec. 19

<table>
<thead>
<tr>
<th>Location</th>
<th>QT</th>
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<th>Sec</th>
<th>Township</th>
<th>Range</th>
<th>Township Name</th>
<th>County</th>
<th>Feet From Section Line</th>
<th>Feet From DRLG Unit Line</th>
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<tbody>
<tr>
<td>SL:</td>
<td>NEWNE</td>
<td>19</td>
<td>1N</td>
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<td>HAMLIN</td>
<td>EATON</td>
<td>587 N 1692 E</td>
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<td>BHL:</td>
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<td>EATON</td>
<td>587 N 1692 E</td>
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<td>587 N 964 W</td>
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### PLUGGING INSTRUCTIONS ISSUED:

**API Well Number:** 21-035-13970-00-00  
**Well Name:** MICHIGAN GAS STORAGE CO 345  
**Plug Inst. Issue Date:** 8/23/2018

**Location** | **QT QT QT** | **Sec** | **Township** | **Range** | **Township Name** | **County** | **Feet From Section Line** | **Feet From DRLG Unit** |
--- | --- | --- | --- | --- | --- | --- | --- | --- |
SL: | CNSENW | 17 | 20N | 5W | SUMMERFIELD | CLARE | 660 S 660 E | 660 S 660 E |

**Comment:** App. to P&A expires 8/31/19.
**RECORD OF WELL PLUGGING:**

<table>
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<tr>
<th>Permit Number</th>
<th>Permittee Number</th>
<th>Permittee Name</th>
<th>Location</th>
<th>County</th>
<th>Feet From Section Line</th>
<th>Feet From DRLG Unit</th>
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<tr>
<td>42690</td>
<td>6371</td>
<td>BREITBURN OPERATING LIMITED PARTNERSHIP</td>
<td>SENWSW</td>
<td>BAY</td>
<td>1139 N 985 W</td>
<td>1500 S 985 W</td>
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<th>True Vertical Depth</th>
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<tr>
<td>SL:</td>
<td>SENWSW</td>
<td>1</td>
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<td>MONITOR</td>
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<tr>
<td>60823</td>
<td>6525</td>
<td>PROVIDENCE OPERATING LLC</td>
<td>SESENW</td>
<td>JACKSON</td>
<td>2317 N 1759 W</td>
<td>342 S 361 E</td>
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<tr>
<td>SL:</td>
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<td>19</td>
<td>4S</td>
<td>2W</td>
<td>HANOVER</td>
<td>JACKSON</td>
<td>2291 N 1722 W</td>
<td>342 S 361 E</td>
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<td>4S</td>
<td>2W</td>
<td>HANOVER</td>
<td>JACKSON</td>
<td>2291 N 1722 W</td>
<td>342 S 361 E</td>
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# APPLICATIONS TO CHANGE WELL STATUS:

<table>
<thead>
<tr>
<th>Permit Number</th>
<th>Permittee Number</th>
<th>Permittee Name</th>
<th>API Well Number</th>
<th>Well Name</th>
<th>Approval Date</th>
<th>Proposed Rework</th>
<th>Comment</th>
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<tbody>
<tr>
<td>48782</td>
<td>6361</td>
<td>RIVERSIDE ENERGY MICHIGAN LLC</td>
<td>21-009-48782-00-00</td>
<td>KUNZ B4-18</td>
<td>8/28/2018</td>
<td>ACOWS for Miscellaneous</td>
<td>ACOWS to stimulate well with acid and CO2, expires 8/28/19.</td>
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<tr>
<td>33508</td>
<td>7739</td>
<td>LAYLINE OIL AND GAS LLC</td>
<td>21-035-33508-00-00</td>
<td>STATE A 2</td>
<td>8/27/2018</td>
<td>ACOWS to Perforate and Test Current Formation</td>
<td>ACOWS to move uphole to recomplete well by perfing and acidizing in the Detroit River, expires 8/27/19.</td>
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### Proposed Rework

**ACOWS to Perforate and Test Current Formation**

**Comment:** ACOWS to perf at 5022'-2042' and acidize, expires 8/30/19.

### BOTTOM HOLE LOCATION CORRECTIONS:

#### Location: 61332 104

**Well Name:** HAMPTON 1-24

**Correction Date:** 8/29/2018

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<th>Feet From Section Line</th>
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<tbody>
<tr>
<td>SL:</td>
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<td>17N</td>
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<td>GRANT</td>
<td>CLARE</td>
<td>225 S 839 E</td>
<td>1097 N 487 W</td>
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TRANSFER OF OWNERSHIP:

61287 7565  
MILLER ENERGY COMPANY LLC  
10850 EAST TRAVERSE HWY  
SUITE 5595  
TRAVERSE CITY, MI 49684

API Well Number: 21-011-62002-00-00  
Well Name: STATE ADAMS 8-1  
Transfer Date: 8/31/2018

Previous Owner: WOLVERINE GAS AND OIL COMPANY LLC

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