Michigan Department of Environmental Quality
Oil, Gas and Minerals Division
PERMIT APPLICATIONS
1/1/2018 THRU 1/5/2018

Application Number  Date Received  Permittee Number  Permittee Name

155   01/05/2018   6418   W B OSBORN OIL AND GAS OPERATIONS LTD

Prev Permit:
Well Name: L.J. ROSNECK 1-36
Surface Owner: LEO J. & ELLEN K. ROSNECK
Well Type: OIL
Target Formation: DUNDEE
Permit Type: Drill
True Vertical Depth: 3900
Deepest Formation: DUNDEE

Drilling Unit: 40-acres. NW/4 SW/4 Section 36

H2S Present? Yes

Location: QT QT QT  Sec Township Range Township Name County Feet From Section Line Feet From DRLG Unit Line
SL: NENWSW  36  18N  8W OSCEOLA OSCEOLA 2286 S 790 W
BHL: NENWSW  36  18N  8W OSCEOLA OSCEOLA 2286 S 790 W 330 N 517 E
**PLUGGING INSTRUCTIONS ISSUED:**

57212  42  DART OIL AND GAS CORP  
600 DART RD  
PO BOX 177  
MASON, MI 48854-0177

API Well Number:  21-113-41179-01-00  
Well Name:  CLAM UNION 1-31A  
True Vertical Depth:  11696

Plug Inst. Issue Date:  12/21/2017

<table>
<thead>
<tr>
<th>Location</th>
<th>QT QT QT</th>
<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</th>
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<tbody>
<tr>
<td>SL:</td>
<td>NWSENE</td>
<td>31</td>
<td>21N</td>
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<td>CLAM UNION</td>
<td>MISSAUKEE</td>
<td>1758 N 1000 E</td>
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<td>MISSAUKEE</td>
<td>1905 N 881 E</td>
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Comment:  App. to P&A expires 12/21/18.

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47802  5995  WHITING OIL AND GAS CORP  
MILE HIGH CENTER  
1700 BROADWAY STE2300  
DENVER, CO 80290-2300

API Well Number:  21-141-40808-03-00  
Well Name:  STATE ALLIS 2-26A  
True Vertical Depth:  3586

Plug Inst. Issue Date:  1/3/2018

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<tr>
<th>Location</th>
<th>QT QT QT</th>
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<tbody>
<tr>
<td>SL:</td>
<td>SWNENE</td>
<td>26</td>
<td>34N</td>
<td>2E</td>
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<td>PRESQUE ISLE</td>
<td>1270 N 831 E</td>
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<td>504 S 1188 W</td>
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Comment:  App. to P&A expires 1/3/19.
API Well Number: 21-141-48036-02-00

Well Name: STATE ALLIS 3-26B HD  True Vertical Depth: 3465

Plug Inst. Issue Date: 1/2/2018

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<thead>
<tr>
<th>Location</th>
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<td>496 N 973 W</td>
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<td>BHL:</td>
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<td>PRESQUE ISLE</td>
<td>611 S 875 E</td>
<td>681 N 875 E</td>
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Comment: App. to P&A expires 1/2/19.
**RECORD OF WELL PLUGGING:**

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<tr>
<th>Permit Number</th>
<th>Permittee Number</th>
<th>Permit Name</th>
<th>Location</th>
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<tbody>
<tr>
<td>33371</td>
<td>4745</td>
<td>Belden and Blake Corp DBA WARD LAKE ENERGY</td>
<td>SL: NWSWSE</td>
<td>16</td>
<td>30N</td>
<td>1W</td>
<td>CHARLTON</td>
<td>OTSEGO</td>
<td>990 S 990 E</td>
<td>330 N 330 W</td>
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API Well Number: 21-137-33371-00-00

Well Name: KALMAN, ANDREW 1-A16

Plugging Date: 12/12/2017

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<th>Permittee Number</th>
<th>Permit Name</th>
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<tr>
<td>34791</td>
<td>4745</td>
<td>Belden and Blake Corp DBA WARD LAKE ENERGY</td>
<td>SL: NWSWSE</td>
<td>16</td>
<td>30N</td>
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<td>CHARLTON</td>
<td>OTSEGO</td>
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API Well Number: 21-137-34791-00-00

Well Name: CAUCHON 3A-16

Plugging Date: 12/12/2017
### RECORD OF CHANGE OF WELL STATUS:

#### API Well Number: 18759 40

Well Name: FREIER 1

Change Date: 6/8/2017

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<th>County</th>
<th>Feet From Section Line</th>
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</tr>
</thead>
</table>

Proposed Rework: Reworked Repaired, Replace, or Recement Casing

Comment: RCOWS for repair of casing leak (leak was located between 490'-520') using bridge plug, perfs, and cement squeeze job.

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#### API Well Number: 59876 6361

Well Name: BRUMAN A2-11

Change Date: 11/30/2017

<table>
<thead>
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<tr>
<td>SL: SENENW</td>
<td>11 28N</td>
<td>8W</td>
<td>CLEARWATER</td>
<td>KALKASKA</td>
<td>990 N 2251 W</td>
<td>335 S 392 E</td>
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Proposed Rework: Reworked to Perforate & Test Current Formation

Comment: RCOWS for perfs added in the Antrim (existing fmn.).
PERMIT TERMINATIONS:

60729 5280 JORDAN DEVELOPMENT COMPANY LLC
1503 GARFIELD RD NORTH
TRAVERSE CITY, MI 49696

API Well Number: 21-017-60729-00-00
Well Name: STATE PINCONNING & TEETS 1-19 HD1
Termination Date: 1/2/2018

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<thead>
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<tr>
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<td>SWNESE</td>
<td>24</td>
<td>17N</td>
<td>4E</td>
<td>PINCONNING</td>
<td>BAY</td>
<td>1451 S 750 E</td>
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<tr>
<td>BHL:</td>
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<td>BAY</td>
<td>1958 S 644 W</td>
<td>638 S 25 E</td>
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**TRANSFER OF OWNERSHIP:**

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<tr>
<td>41717</td>
<td>4738</td>
<td>COBRA OIL AND GAS CORPORATION</td>
<td>NESESW 30 21N 6W</td>
<td>CLAM UNION</td>
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<td>990 S 240 E</td>
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API Well Number: 21-113-41717-00-00

Well Name: CLAM UNION 1-30

Transfer Date: 1/4/2018

Previous Owner: DART OIL AND GAS CORP