

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8181 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 187206

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|  |  |                               |
|--|--|-------------------------------|
| 1. Operator Name and Address<br>CML EXPLORATION, LLC<br>P.O. Box 890<br>Snyder, TX 79550 |  | 2. OGRID Number<br>256512     |
| 4. Property Code<br>38112  |  | 3. API Number<br>30-025-41890 |
| 5. Property Name<br>ABENAKI 10 STATE   |  | 6. Well No.<br>003            |

**7. Surface Location**

|          |   |         |    |          |     |       |     |         |  |           |      |          |   |           |     |          |   |        |     |
|----------|---|---------|----|----------|-----|-------|-----|---------|--|-----------|------|----------|---|-----------|-----|----------|---|--------|-----|
| UL - Lot | L | Section | 10 | Township | 17S | Range | 33E | Lot Idn |  | Feet From | 1650 | N/S Line | S | Feet From | 545 | E/W Line | W | County | Lea |
|----------|---|---------|----|----------|-----|-------|-----|---------|--|-----------|------|----------|---|-----------|-----|----------|---|--------|-----|

**8. Proposed Bottom Hole Location**

|          |   |         |    |          |     |       |     |         |   |           |      |          |   |           |     |          |   |        |     |
|----------|---|---------|----|----------|-----|-------|-----|---------|---|-----------|------|----------|---|-----------|-----|----------|---|--------|-----|
| UL - Lot | L | Section | 10 | Township | 17S | Range | 33E | Lot Idn | L | Feet From | 1650 | N/S Line | S | Feet From | 545 | E/W Line | W | County | Lea |
|----------|---|---------|----|----------|-----|-------|-----|---------|---|-----------|------|----------|---|-----------|-----|----------|---|--------|-----|

**9. Pool Information**

|             |       |
|-------------|-------|
| SANMAL;PENN | 54340 |
|-------------|-------|

**Additional Well Information**

|                           |                             |  |                         |                                    |
|---------------------------|-----------------------------|--|-------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>OIL        | 13. Cable/Rotary                           | 14. Lease Type<br>State | 15. Ground Level Elevation<br>4175 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>13000 | 18. Formation<br>Atoka-Morrow Undesignated | 19. Contractor          | 20. Spud Date<br>7/9/2014          |
| Depth to Ground water     |                             | Distance from nearest fresh water well     |                         | Distance to nearest surface water  |

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 17.5      | 13.375      | 54.5             | 1550          | 1100            | 0             |
| Int1 | 12.25     | 8.625       | 32               | 4600          | 1550            | 0             |
| Prod | 7.875     | 5.5         | 17               | 13000         | 1150            | 4300          |

**Casing/Cement Program: Additional Comments**

|  |
|--|
|  |
|--|


**22. Proposed Blowout Prevention Program**

| Type       | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Annular    | 5000             | 5000          | Shaffer      |
| Double Ram | 5000             | 5000          | Shaffer      |

|   |  |
|---|--|
| 23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable.<br><br>Signature: _____<br>Printed Name: Electronically filed by Judy Wilkinson<br>Title: Production Assistant<br>Email Address: wilkinsonj@cmlexp.com<br>Date: 6/5/2014 | <div style="text-align: center;"><b>OIL CONSERVATION DIVISION</b></div> Approved By: Paul Kautz<br>Title: Geologist<br>Approved Date: 6/6/2014<br>Expiration Date: 6/6/2016<br>Conditions of Approval Attached |
| Phone: 325-573-0750   |  |

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Permit 187206

|   |  |  |  |
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|  |  |  |  |
|   |  |  |  |

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: Judy Wilkinson  
Title: Production Assistant  
Date: 6/5/2014

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Surveyed By: Ronald Eidson  
Date of Survey: 4/30/2014  
Certificate Number: 3239

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form APD Comments  
  
Permit 187206

**PERMIT COMMENTS**

|   |  |                                |
|---|--|--------------------------------|
| Operator Name and Address:<br>CML EXPLORATION, LLC [256512]<br>P.O. Box 890<br>Snyder, TX 79550 |  | API Number:<br>30-025-41890    |
|   |  | Well:<br>ABENAKI 10 STATE #003 |

|            |         |              |
|------------|---------|--------------|
| Created By | Comment | Comment Date |
|------------|---------|--------------|

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Form APD Conditions

Permit 187206

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**PERMIT CONDITIONS OF APPROVAL**

|   |                                |
|---|--------------------------------|
| Operator Name and Address:<br>CML EXPLORATION, LLC [256512]<br>P.O. Box 890<br>Snyder, TX 79550 | API Number:<br>30-025-41890    |
|   | Well:<br>ABENAKI 10 STATE #003 |

| OCD<br>Reviewer | Condition  |
|-----------------|--|
| pkautz          | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string |
| pkautz          | If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.  |
| pkautz          | 1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --   |
| pkautz          | Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water   |
| pkautz          | Vertical Limits Sanmal;Penn includes only Cisco, Canyon, Strawn and Atoka. If completed in the Morrow and the Sanmal;Penn, will require administrative order prior before any production   |