

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 749-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-8178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3482

**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 214262

**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     |
|  |                                     | 3. API Number<br>30-025-42978 |
| 4. Property Code<br>315718   | 5. Property Name<br>AB PAD 10 STATE | 6. Well No.<br>001            |

**7. Surface Location**

|               |               |                 |              |         |                  |               |                  |               |               |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|------------------|---------------|---------------|
| UL - Lot<br>M | Section<br>10 | Township<br>17S | Range<br>33E | Lot Idn | Feet From<br>490 | N/S Line<br>S | Feet From<br>330 | E/W Line<br>W | County<br>Lea |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|------------------|---------------|---------------|

**8. Proposed Bottom Hole Location**

|               |               |                 |              |              |                  |               |                  |               |               |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|---------------|
| UL - Lot<br>M | Section<br>10 | Township<br>17S | Range<br>33E | Lot Idn<br>M | Feet From<br>490 | N/S Line<br>S | Feet From<br>330 | E/W Line<br>W | County<br>Lea |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|---------------|

**9. Pool Information**

|                |       |
|----------------|-------|
| LEAMEX;PADDOCK | 37800 |
|----------------|-------|

**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>4180 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>7500 | 18. Formation<br>Paddock               | 19. Contractor          | 20. Spud Date<br>1/25/2016         |
| 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 | 12.25     | 8.625       | 24               | 1600          | 810             | 0             |
| Prod | 7.875     | 5.5         | 17               | 7500          | 900             | 1200          |

**Casing/Cement Program: Additional Comments**

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

**22. Proposed Blowout Prevention Program**

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

|  |   |
|--|---|
| <p>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.</p> <p>Signature: _____</p> <p>Printed Name: Electronically filed by Judy Wilkinson</p> <p>Title: Production Assistant</p> <p>Email Address: wilkinsonj@cmlexp.com</p> <p>Date: 12/16/2015</p> | <p><b>OIL CONSERVATION DIVISION</b></p> <p>Approved By: Paul Kautz</p> <p>Title: Geologist</p> <p>Approved Date: 12/16/2015</p> <p>Expiration Date: 12/16/2017</p> <p>Conditions of Approval Attached</p> |
|--|---|

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Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|               |  |                           |
|---------------|--|---------------------------|
| API Number    | Pool Code                                    | Pool Name                 |
| Property Code | Property Name<br><b>AB PAD 10 STATE</b>      | Well Number<br><b>1</b>   |
| OGRID No.     | Operator Name<br><b>CML EXPLORATION, LLC</b> | Elevation<br><b>4180'</b> |

Surface Location

| UL or lot No. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| <b>M</b>      | <b>10</b> | <b>17-S</b> | <b>33-E</b> |         | <b>490</b>    | <b>SOUTH</b>     | <b>330</b>    | <b>WEST</b>    | <b>LEA</b> |

Bottom Hole Location If Different From Surface

| UL or lot No.   | Section         | Township           | Range     | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
|                 |                 |                    |           |         |               |                  |               |                |        |
| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |         |               |                  |               |                |        |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|   |   |  |  |
|---|---|--|--|
|   |   |  |  |
|   |   |  |  |
| <b>GEODETIC COORDINATES</b><br><b>NAD 27 NME</b><br><b>SURFACE LOCATION</b><br><b>Y= 671112.5 N</b><br><b>X= 707414.8 E</b><br><b>LAT.=32.843151° N</b><br><b>LONG.=103.657995° W</b> | <b>GEODETIC COORDINATES</b><br><b>NAD 83 NME</b><br><b>SURFACE LOCATION</b><br><b>Y= 671177.4 N</b><br><b>X= 748593.1 E</b><br><b>LAT.=32.843272° N</b><br><b>LONG.=103.658498° W</b> |  |  |
|   |   |  |  |

330'  
490'

**OPERATOR CERTIFICATION**

I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Jordan Owens* 12/16/15  
Signature Date  
**Jordan Owens**  
Printed Name  
**owensj@cml.exp.com**  
E-mail Address

**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.

**DECEMBER 8, 2015**

Date of Survey  
Signature & Seal of Professional Surveyor:

*Ronald J. Eidson* 12/09/2015  
Certificate Number  
Gary G. Eidson 12641  
Ronald J. Eidson 3239  
LSL JWSC W.O. 15 11.1100

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Form APD Comments

Permit 214262

**PERMIT COMMENTS**

|   |                               |
|---|-------------------------------|
| Operator Name and Address:<br>CML EXPLORATION, LLC [256512]<br>P.O. Box 890<br>Snyder, TX 79550 | API Number:<br>30-025-42978   |
|   | Well:<br>AB PAD 10 STATE #001 |

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

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Form APD Conditions

Permit 214262

**PERMIT CONDITIONS OF APPROVAL**

|   |                               |
|---|-------------------------------|
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|   | Well:<br>AB PAD 10 STATE #001 |

| OCD Reviewer | Condition  |
|--------------|--|
| pkautz       | SURFACE & PRODUCTION CASING - Cement must circulate to surface   |
| pkautz       | If cement does not circulate to surface, must run temperature survey or other log to determine top of cement   |
| pkautz       | Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water   |
| pkautz       | Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186  |
| pkautz       | 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe. |