

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) 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 180333

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

1. Operator Name and Address CML EXPLORATION, LLC P.O. Box 890 Snyder, TX 79550		2. OGRID Number 256512
4. Property Code 38112		3. API Number 30-025-41626
5. Property Name ABENAKI 10 STATE		6. Well No. 002

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	10	17S	33E		730	S	680	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	10	17S	33E	P	730	S	680	E	Lea

9. Pool Information

SANMAL;PENN	54340
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 4151
16. Multiple N	17. Proposed Depth 13000	18. Formation Cisco	19. Contractor	20. Spud Date 2/15/2014
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	1500	0
Int1	12.25	8.625	32	4600	1500	0
Prod	7.875	5.5	17	13000	1100	3500

Casing/Cement Program: Additional Comments

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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. 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. Signature: _____ Printed Name: Electronically filed by Judy Wilkinson Title: Production Assistant Email Address: wilkinsonj@cmlexp.com Date: 1/24/2014	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 1/24/2014 Expiration Date: 1/24/2016 Conditions of Approval Attached
Phone: 325-573-0750	

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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 54340	Pool Name Sanmal; Penn
Property Code 38112	Property Name ABENAKI 10 STATE	Well Number 2
OGRID No. 256512	Operator Name CML EXPLORATION, LLC	Elevation 4151'

Surface Location

UL or lot No. P	Section 10	Township 17-S	Range 33-E	Lot Idn	Feet from the 730	North/South line SOUTH	Feet from the 680	East/West line EAST	County LEA
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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 40	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

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=671391.1 N X=711674.2 E</p> <p>LAT.=32.843841° N LONG.=103.644122° W</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>Jordan Owens</i> 1/23/2014 Signature Date</p> <p>Jordan Owens Printed Name</p> <p>owensj@cmlexp.com E-mail Address</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 3, 2014</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor:</p> <p><i>Gary G. Eidson</i> 1/22/14 Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239 BKL JWSC W.O. 14.11.0001</p>	
	<p>Diagram showing well location (S.L.) relative to surface location (S.L.) with dimensions 680' and 730'.</p>	

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Form APD Comments

 Permit 180333

PERMIT COMMENTS

Operator Name and Address: CML EXPLORATION, LLC [256512] P.O. Box 890 Snyder, TX 79550		API Number: 30-025-41626
		Well: ABENAKI 10 STATE #002
Created By	Comment	Comment Date
pkautz	Land p/S	1/24/2014

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Form APD Conditions

Permit 180333

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CML EXPLORATION, LLC [256512] P.O. Box 890 Snyder, TX 79550	API Number: 30-025-41626
	Well: ABENAKI 10 STATE #002

OCD Reviewer	Condition
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