

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 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 238022

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 317377		3. API Number 30-025-43874
5. Property Name RAIDER 9 STATE		6. Well No. 002

7. Surface Location

UL - Lot	M	Section	9	Township	17S	Range	33E	Lot Idn	M	Feet From	990	N/S Line	S	Feet From	800	E/W Line	W	County	Lea
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8. Proposed Bottom Hole Location

UL - Lot	M	Section	9	Township	17S	Range	33E	Lot Idn	M	Feet From	990	N/S Line	S	Feet From	800	E/W Line	W	County	Lea
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9. Pool Information

MALJAMAR;CISCO	43270
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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 4201
16. Multiple N	17. Proposed Depth 11500	18. Formation Cisco	19. Contractor	20. Spud Date 7/12/2017
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	1600	1200	0
Int1	12.25	8.625	32	4600	1600	0
Prod	7.875	5.5	17	11500	1400	4200

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: 6/21/2017	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Paul Kautz Title: Geologist Approved Date: 6/21/2017 Expiration Date: 6/21/2019 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 43270	Pool Name Maljamar; Cisco
Property Code 317377	Property Name RAIDER 9 STATE	Well Number 2
OGRID No. 256512	Operator Name CML EXPLORATION, LLC	Elevation 4201'

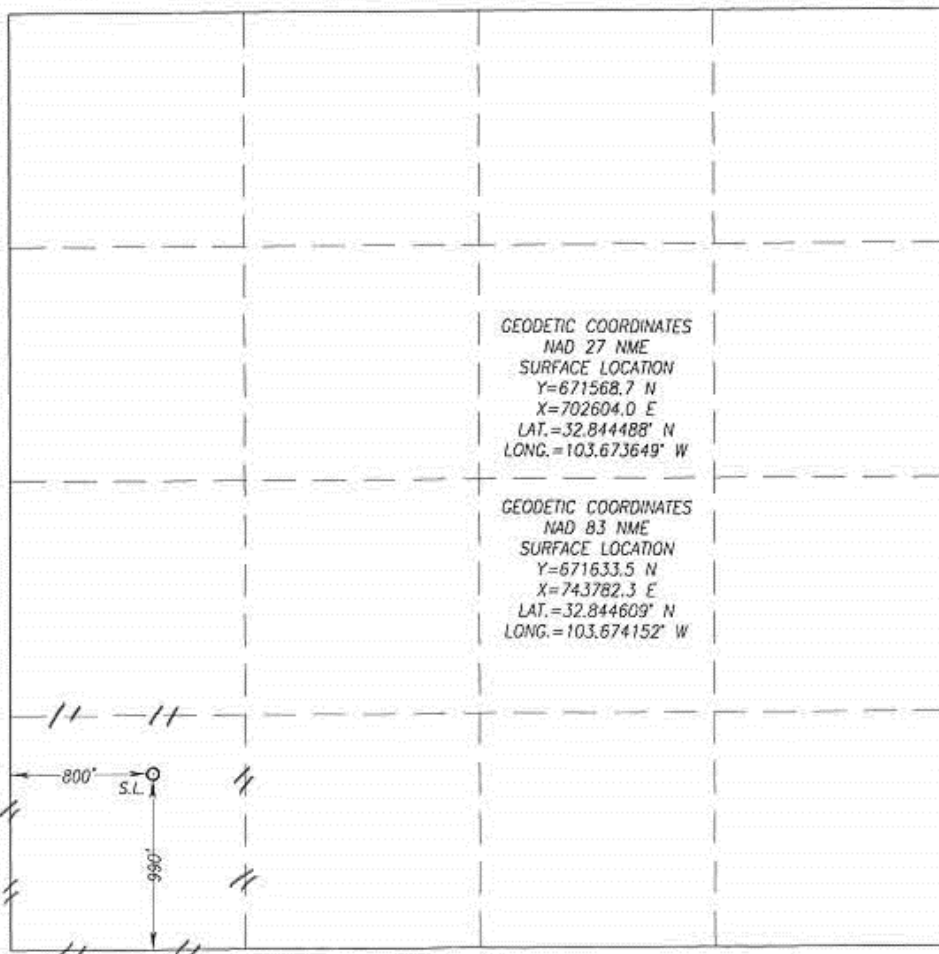
Surface Location

UL or lot No. M	Section 9	Township 17-S	Range 33-E	Lot Idn	Feet from the 990	North/South line SOUTH	Feet from the 800	East/West line WEST	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



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.

Nolan van Roeder 6/21/17
Signature Date
Nolan van Roeder
Printed Name
vanroeder.n@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.

NEW MEXICO
JUNE 5, 2017
Date of Survey 3239
Signature & Seal of Professional Surveyor
Ronald J. Eidson 06/16/2017
Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239
ACK JWSC W.O.: 17.11.0558

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Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

Form APD Comments

Permit 238022

PERMIT COMMENTS

Operator Name and Address: CML EXPLORATION, LLC [256512] P.O. Box 890 Snyder, TX 79550		API Number: 30-025-43874
		Well: RAIDER 9 STATE #002

Created By	Comment	Comment Date
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Form APD Conditions

Permit 238022

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: CML EXPLORATION, LLC [256512] P.O. Box 890 Snyder, TX 79550	API Number: 30-025-43874
	Well: RAIDER 9 STATE #002

OCD Reviewer	Condition
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	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	Only Fresh Water and Air are Valid Drilling Fluids for Surface Casing
pkautz	Operator shall notify appropriate District office when setting conductor pipe.
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 20 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	If an APD expires and if site construction has occurred, site remediation is required.
pkautz	Lost Circulation - Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186
pkautz	Stage Tool - 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.
pkautz	Gas Capture Plan - Operator to Submit Gas Capture Plan form prior spud or initiating recompletion operations