

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 Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

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

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT

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, Texas 79550		² OGRID Number 256512
		³ API Number 30-025-36224
⁴ Property Code 303992	⁵ Property Name HEYWARD 32 STATE	
		⁶ Well No. 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
L	32	17-S	34-E		1500	S	1200	W	LEA

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
L	32	17-S	34-E		1500	S	1200	W	LEA

⁹ Pool Information

Pool Name	Pool Code
WC-025 G-03 S173432L;PADDOCK	98341

Additional Well Information

¹¹ Work Type P	¹² Well Type O	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 4075
¹⁶ Multiple N	¹⁷ Proposed Depth 6,500	¹⁸ Formation PADDOCK	¹⁹ Contractor HT WELL SERV.	²⁰ Spud Date N/A
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

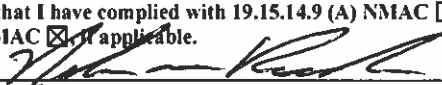
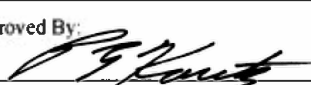
Type	Hole Size	Casing Size	Casing Weigh/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	420	500	0
Intl	12.25	9.625	40	4843	1500	0
Prod	8.75	5.5	17	13643	1000	9046
Prod	8.75	5.5	17	6500	500	4000

Casing/Cement Program: Additional Comments

5½" CIBP @ 13,220' + 35' cement, 5½" CIBP @ 12,820' + 35' cement, 30 sk Class H cement plug 10,800 - 10,600', 30 sk Class H cement plug 9100 - 8900'. Repair and replace 5½" casing to 6500' and cement with 500 sx of Class C cement. Perforate and test (6099 - 6133')

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
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 that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Nolan Von Roeder		Approved By: 	
Title: Engineer		Title:	
E-mail Address: vonroeder@cmlexp.com		Approved Date: 03/17/2020	Expiration Date: 03/17/2022
Date: 2/27/2020	Phone: 325-574-6295	Conditions of Approval Attached	

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT I

P.O. Box 1960, Hobbs, NM 88241-1960

DISTRICT II

P.O. Drawer DD, Artesia, NM 86211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36224	Pool Code 98341	Pool Name WC-025 G-03 S173432L;PADDOCK
Property Code 303992	Property Name HEYWARD "32" STATE	Well Number 1
GRID No. 256512	Operator Name CML Exploration, LLC	Elevation 4075'

Surface Location

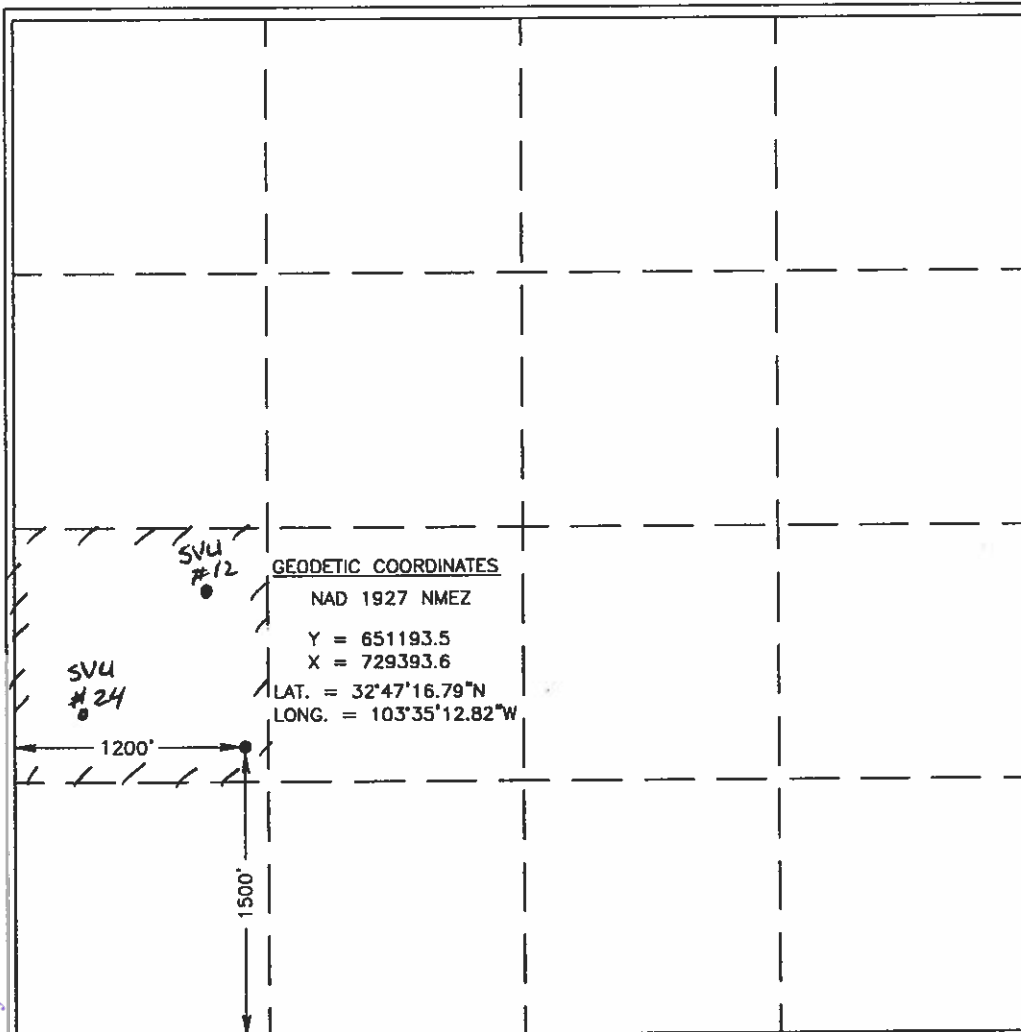
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	32	17-S	34-E		1500'	SOUTH	1200	WEST	LEA

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.
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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 the the information
contained herein is true and complete to the
best of my knowledge and belief.

Nolan von Roeder
Signature

Nolan von Roeder
Printed Name

Engineer
Title

2/11/2020
Date

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.

FEBRUARY 19, 2003

Date Surveyed AWB

Signature & Seal of
Professional Surveyor

Gary Edson
03.11.0208

Certificate No. **RONALD J. EDSON 3239**
GARY EDSON 12641

CML EXPLORATION, LLC

Updated 2/11/2020

RKB 4094'
GL 4075'Lease & Well No.: **Heyward "32" State # 1**

Well Category:

Area: **New Mexico**Subarea: **Buckeye**Legal Description: **API #30-025-36224****L, 1500' FSL, 1200' FWL, Sec 32, T-17-S, R-34-E****Lea County, NM**Spudded: **04/24/2003**TD: **06/11/2003**Completed: **08/15/2003**

420'

17½" hole

13 3/8" 48# J55

set @ 420'

500 sx cement

Stimulation: 7/10/03 Lower Morrow - 2000 gals of MSR 60/40 acid8/6/03 Frac w/ 50,000 gals + 30,000 # 20/40 ISP9/19/03 Middle Morrow - 2000 gals of ClaySafeH + 60 Bio ball sealers10/1/03 Upper Morrow - 2000 gals 5% Claysafe acid+ 50 Bio balls

12½" hole

9 5/8" 40# J-55 & N80

set @ 4843'

4843'

1500 sx cement.

TOC = surface

10/11/03 Frac w/ 33,000 gals + 26,317 # 16/30 Carbo11/6/03 CIBP @ 13,170' w/ 20 cement on top11/7/03 Atoka - Natural completion1/21/10 500 gals 7% HCL w/ clay stabilizers**Paddock Perfs (6099 - 6130') Proposed**

5½" 17# N-80 set @ 6500' cmt w/ 500 sx Proposed

TOC = 4000' from surface

5½" TOC = 9,046' (CBL)

SPOT 30 sx Class H (9,100'-8,900')**SPOT 30 sx Class H (10,800'- 10,600')****CIBP @ 12,820' + 35' cmt PROPOSED****CIBP @ 13,220' + 35' cmt PROPOSED****Atoka Perfs**

12,921 - 31' 6 spf

Morrow Perfs

13,301 - 05' 6 spf

13,328 - 36' 6 spf

13,379 - 86' 4 spf

13,411 - 18' 4 spf

13,515 - 24' 4 spf

13,532 - 37' 4 spf

5 1/2" 17# P110 @ 13,643'

Cmt'd w/ 1000 sks

PBTD: 13,600'

TD: 13,670'