

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **LC-59152(b)**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No. **Cooper 24 Federal No. 1**

2. Name of Operator **CML Exploration, LLC**

9. API Well No. **30-025-37841**

3a. Address **P.O. Box 890
Snyder, TX 79550**

3b. Phone No. (include area code)
(325) 573-0750

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M. or Survey Description)
1650' FNL & 800' FEL, Sec. 24, T17S, R32E

Carlsbad Field Office
Operator Copy

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back
		<input type="checkbox"/> Production (Start/Resume)
		<input type="checkbox"/> Reclamation
		<input type="checkbox"/> Recomplete
		<input type="checkbox"/> Temporarily Abandon
		<input type="checkbox"/> Water Disposal
		<input type="checkbox"/> Water Shut-Off
		<input type="checkbox"/> Well Integrity
		<input type="checkbox"/> Other

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

13. Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

- 1) RUPU, NDWH, NUBOP, POOH with tbg & tally.
 - 2) RU wireline. Set 5 1/2" CIBP @ 13,400'. Tag with wireline to verify plug is set. Dump bail ⁵ 8 sx Class H cement on top of CIBP. **13,388'**
 - 3) RIH with tubing to 13,300'. Circulate with mud laden fluid. Close BOP pipe rams & pressure test csg to 500 psi to verify csg integrity.
 - 4) Spot 25 sx class H cmt @ 11,000' - 10,735' (Cisco Formation) **9562' - 9362'**
 - 5) Spot 25 sx class H cmt @ ~~9,500' - 9,235'~~ (Wolfcamp Formation) 6) Spot 25 sx class H cmt @ ~~7,072' - 6,807'~~ (DV Stage Tool) **7080'** TAG
 - 7) Spot 25 sx class C cmt @ ~~5,999' - 5,535'~~ (Paddock Formation) 8) Spot 25 sx class C cmt @ ~~4,350' - 4,595'~~ (Intermediate csg shoe)
 - 9) POOH with tbg. RIH with wireline and cut 5 1/2" csg @ 4,100'. Pull & LD csg. RIH with tbg to 4,200' **(4778' - 4858') (5811' - 5651')**
 - 10) Spot ~~33~~ ²⁵ sx class C cmt @ ~~4,233' - 4,072'~~ (5 1/2" casing stub & San Andres Formation) WOC & tag. **2552'** (Glorieta @ 5761')
 - 11) Spot ~~41~~ ²⁵ sx class C cmt @ ~~2,333' - 2,197'~~ (Base of Salt) **(2435' - 256') (4000' - 4050')**
 - 12) Spot 35 sx class C cmt @ 1,100' - 991' (Top of Salt)
 - 13) Spot 35 sx class C cmt @ 482' - 373' (Surface csg shoe)
 - 14) Circulate class C cmt from 60' to surface. Approx. 20 sx cmt.
 - 15) Cut off wellhead 3' below ground level. Weld on below ground dry hole marker.
- During plugging operations we will use a closed loop system with a steel tank. All fluids will be hauled off to the required disposal. Reclamation procedures will commence following P&A operations.
- 7500' 25 sx cmt class H (8065' - 7885') (ABO T. @ 8015)**

ENTERED
2/11/20

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Nolan von Roeder

Engineer Title

Signature *Nolan von Roeder*

Date **2/11/20**

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Long Vo**

Title **Petroleum Engineer** Date **2/25/20**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **CEO**

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Accepted for Record Only

K7

SNYDER
MAR 09 2020

- 1) RUPU. NDWH. NUBOP. POOH with tbg & tally.
- 2) RU wireline. Set 5 ½" CIBP @ 13,388'. Tag with wireline to verify plug is set. Dump bail 5 sx Class H cement on top of CIBP.
- 3) RIH with tubing to 13,300'. Circulate with mud laden fluid. Close BOP pipe rams & pressure test csg to 500 psi to verify csg integrity.
- 4) Spot 25 sx class H cmt @ 11,000' – 10,735" (Cisco Formation)
- 5) Spot 25 sx class H cmt @ 9562'-9362' (Wolfcamp Formation)
- 6) Spot 25 sx class H cmt @ 8065'-7885' (ABO @ 8015')
- 7) Spot 25 sx class H cmt @ 7080'-6807' (DV Tool) Tag
- 8) Spot 25 sx class C cmt @ 5811'-5651' (Glorieta @ 5761')
- 9) Spot 25 sx class C cmt @ 4758'-4858' (Intermediate csg shoe)
- 10) POOH with tbg. RIH with wireline and cut 5 ½" csg @ 4,100'. Pull & LD csg. RIH with tbg to 4,200'.
- 11) Spot 50 sx class C cmt @ 4200'-4050' (5 ½ casing stub & San Andres Formation) WOC & Tag
- 12) Spot 45 sx class C cmt @ 2435'-2560' (Base of Salt/Yates)
- 13) Spot 35 sx class C cmt @ 1100'-991' (Top of Salt)
- 14) Spot 35 sx class C cmt @ 482'-373' (Surface csg shoe)
- 15) Circulate class C cmt from 60' to surface. Approx. 20 sx cmt.
- 16) Cut off wellhead 3' below ground level. Weld on below ground dry hole marker. During plugging operations we will use a closed loop system with a steel tank. All fluids will be hauled off to the required disposal. Reclamation procedures will commence following P&A operations.

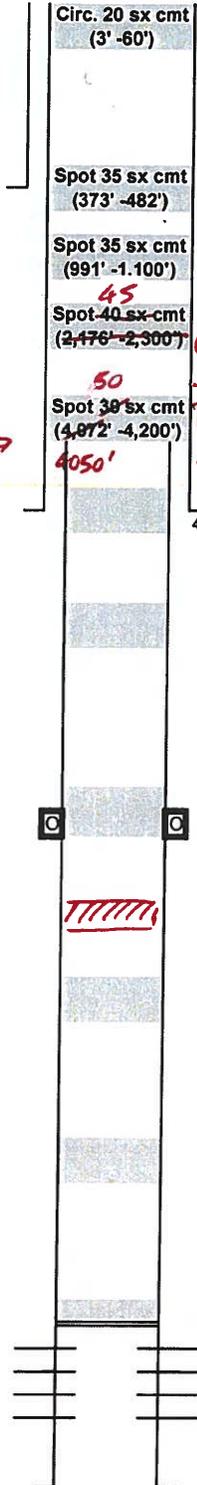
CML EXPLORATION, LLC
PROPOSED P&A

RKB 4110' Lease & Well No.: Cooper 24 Federal No.1
GL 4093'

Well Category:
Area: New Mexico
Subarea: Morrow
Legal Description: API #30-025-37841
1650' FNL, 800' FEL, Sec 24, T-17-S, R-32-E
Lea County, New Mexico

Spudded: 05/09/2006
TD: 07/02/2006
Completed: 09/19/2006

Stimulation: 08/17/06 Perf (13,511- 13,614')
08/29/06 Frac w/ 456bbls 6% KCL water
44000lb 20/40 Bauxite, 160 tons CO2
08/30/06 - Perf (13,438- 13,480) 3spf
08/31/06 Frac w/ 637bbls 74980 lbs of 20/40
Bauxite, 228 tons of CO2
07/21/09 1000 gals 15% NeFe HCL w/ clay stabilizers
01/20/11 121+ bbls 15% HCL w/ clay additives



432'
17 1/2" hole
13 3/8" 48# J55
set @ 432'
500 sx cement

5 1/2" TOC @ 4150' (CBL)
12 1/4" hole
9 5/8" 40# J-55
set @ 4808'
2050sx cement, TOC = surface'

Spot 25 sx cmt (4,585' -4,850') PROPOSED
4758-4858

Spot 25 sx cmt (5,535' -5,800') PROPOSED *(5511' - 5651') (Glorieta @ 5761)*

Spot 25 sx cmt (6,807' -7,072') PROPOSED *7080 Tag*
DV Tool @ *7022' 7030'*
Cmnd 2nd Stage w/ 700 sx

TTTTTTTT
Spot 25 sx cmt (8,065' - 7,885') (ABO T. @ 8015)
class H

Spot 25 sx cmt (9,235' -9,500') PROPOSED *9562' - 9362' (Wolfcamp Top @ 9512')*

Spot 25 sx cmt (10,735' -11,000') PROPOSED

13,388' 5 sx
CIBP @ 13,400' + 5 sx cmt PROPOSED *Leak Test CIBP*

Morrow Formation
13,438 - 60' (3 spf)
13,472 - 80' (3 spf)
13,511 - 20' (3 spf)
13,609 - 14' (3spf)

5 1/2"20# P-110 set @ 13,798'
Cmtd 1st Stage w/ 1300 sx

PBTD: 13,720'
TD: 13,805'

cut @ 4100' →