

OCD-HOBBS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**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. 2

2. Name of Operator

CML EXPLORATION, LLC

9. API Well No.  
30-025-38348

3a. Address

P O BOX 890, SNYDER, TX 79550

3b. Phone No. (include area code)

325-573-1938

10. Field and Pool or Exploratory Area

WILDCAT; ABO, Maljamar Paddock East

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1650' FNL & 810' FEL, I, 24, T17S, R32E

11. Country or Parish, State  
LEA, NEW MEXICO

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"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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.)

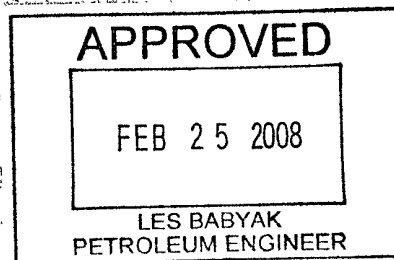
Recomplete well as shown on the attached procedure.

Attempt completion in the Abo (9423-28'). If uneconomical, perforate & test Paddock (5848-58')

RECEIVED

FEB 28 2008

HOBBS OCD



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

Nolan von Roeder

Title Engineer

Signature

Date 01/29/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

OC DISTRICT SUPERVISOR/GENERAL MANAGER

Title

Date

MAR 14 2008

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

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)

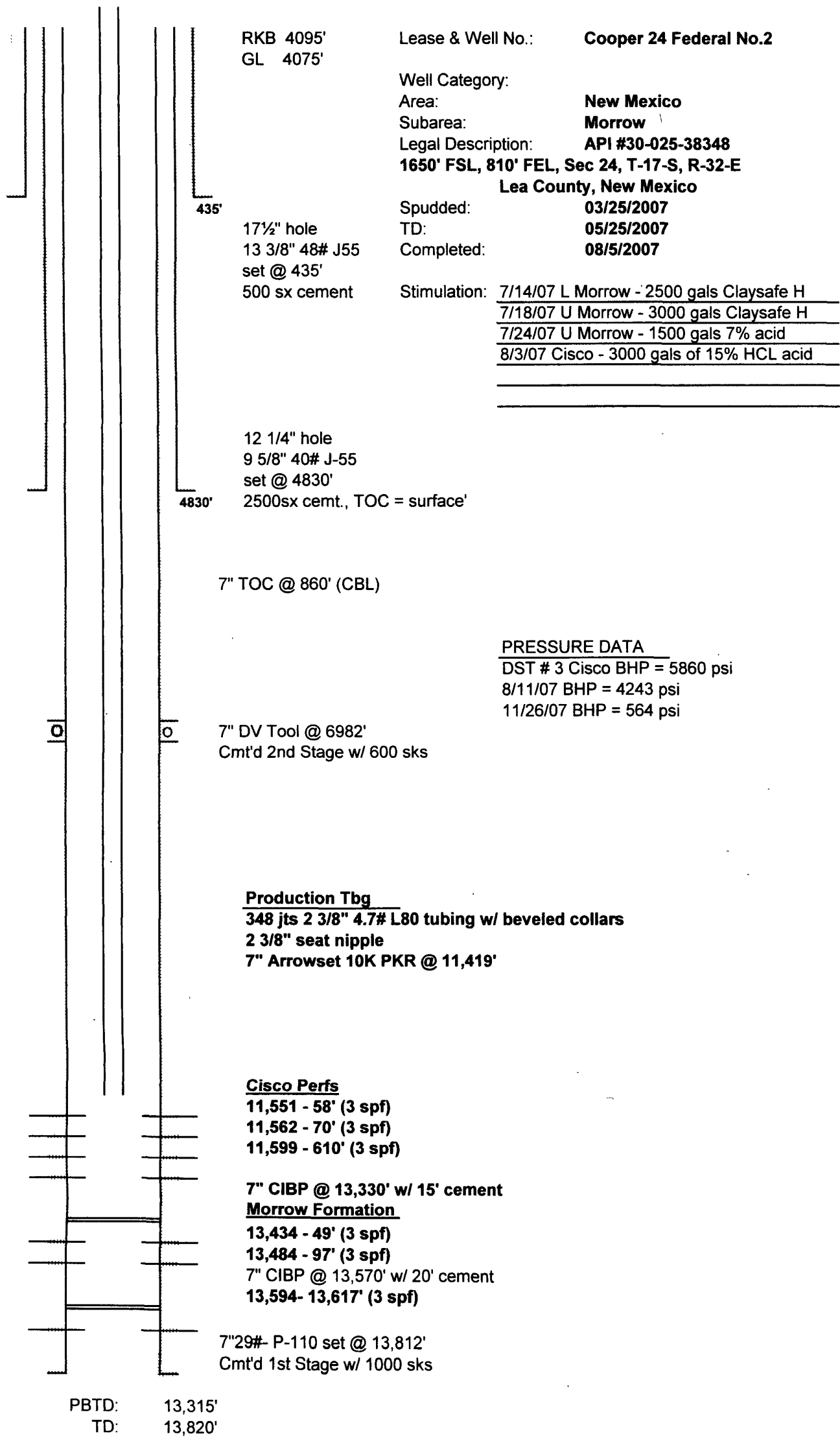
## **CML EXPLORATION, LLC**

### **COOPER 24 FEDERAL NO. 2**

#### **Proposed Re-completion Procedure**

1. MIRUPU. ND WH. NU 5M Double Hydraulic BOP w/ 2 7/8" pipe rams. Set racks, catwalk and 1 frac tank. Fill frac tank w/ 2% KCL water. Unload and rack  $\pm$  9,600' of 2 7/8" N80 yellowband tubing.
2. RU Wireline truck. Set 7" CIBP @  $\pm$  11,350'. Dump bail 20' of cement on top. Load casing w/  $\pm$  420 Bbls of 2% KCL water. Pressure test CIBP to 2000 psi. Perforate Abo (9,423 – 28') w/ 4" casing gun, 3 spf, 120° phasing.
3. RIH w/ 7" Arrowset 10 K PKR, seat nipple and tubing to  $\pm$  9,450'. RU Acid truck w/ 2000 gals of 20% NEFE HCL acid w/ additives. Spot 200 gals of acid across perms. Move and set PKR @  $\pm$  9,250'. Breakdown perms and pump additional acid @ 3 – 5 BPM w/ 30 ball sealers evenly spaced. Max. pressure = 6000 psi. Displace w/ 2% KCL water.
4. Swab back acid load & water. Check fluid entry and oil cut. RIH w/ BHP gauges and shut well in for 4 day buildup. Evaluate for further stimulation.
5. If Abo interval is not economically productive, POOH w/ tubing and PKR. RU WL truck. Set CIBP @  $\pm$  9350'. Dump bail 20' of cement on top. Perforate Upper Paddock (5,848 – 58') w/ 4" casing gun, 3 spf, 120° phasing.
6. RIH w/ 7" Model R PKR and tubing to  $\pm$  5,870'. RU Acid truck w/ 2000 gals of 20% NEFE HCL acid w/ additives. Spot 200 gals of acid across perms. Move tubing to  $\pm$  5,650'. Breakdown perms and pump additional acid @ 4 – 5 BPM w/ 60 ball sealers evenly spaced. Max. pressure = 4000 psi. Displace w/ 2% KCL water.
7. RU Swab and swab back load water out of tubing. Check for oil cut and fluid entry rate. RIH w/ bottomhole pressure recorder and shut well in for 72 hrs.
8. POOH w/ tubing & PKR. RIH w/ production tubing assembly. ND BOP. NU WH. RIH w/ rods and pump. Put well on production.

CML EXPLORATION, LLC



RKB 4095'  
GL 4075'

Lease & Well No.: **Cooper 24 Federal No.2**

Well Category:  
Area: **New Mexico**  
Subarea: **Morrow**  
Legal Description: **API #30-025-38348**  
**1650' FSL, 810' FEL, Sec 24, T-17-S, R-32-E**  
**Lea County, New Mexico**

Spudded: **03/25/2007**  
TD: **05/25/2007**  
Completed: **08/5/2007**

Stimulation: 7/14/07 L Morrow - 2500 gals Claysafe H  
7/18/07 U Morrow - 3000 gals Claysafe H  
7/24/07 U Morrow - 1500 gals 7% acid  
8/3/07 Cisco - 3000 gals of 15% HCL acid

12 1/4" hole  
9 5/8" 40# J-55  
set @ 4830'  
2500sx cement, TOC = surface'

PRESSURE DATA  
DST # 3 Cisco BHP = 5860 psi  
8/11/07 BHP = 4243 psi  
11/26/07 BHP = 564 psi

Production Tbg  
348 jts 2 3/8" 4.7# L80 tubing w/ beveled collars  
2 3/8" seat nipple  
7" Arrowset 10K PKR @ 11,419'

Cisco Perfs  
11,551 - 58' (3 spf)  
11,562 - 70' (3 spf)  
11,599 - 610' (3 spf)  
  
7" CIBP @ 13,330' w/ 15' cement  
Morrow Formation  
13,434 - 49' (3 spf)  
13,484 - 97' (3 spf)  
7" CIBP @ 13,570' w/ 20' cement  
13,594- 13,617' (3 spf)

7"29#- P-110 set @ 13,812'  
Cmt'd 1st Stage w/ 1000 sks

PBTD: 13,315'  
TD: 13,820'

## **CONDITIONS OF APPROVAL**

NMLC-059152B; Cooper 24 Federal Com No. 2

1650' FSL & 810' FEL, Sec 24, T17S-R32E, Lea County, NM

### **Recompletion/Plugback changes to procedure as follows:**

2. Set 7" CIBP @ +/-11,450' or lower, dump bail 35' Class H cement on top (top Cisco perf @ 11,551', CIBP must be set within 100' of top perf).
5. Set 7" CIBP @ +/-9323' or lower (+/-9350' OK), dump bail 35' Class H cement on top (top Abo perf @ 9423', CIBP must be set within 100' of top perf).
8. Contact the Hobbs Field Office (575-393-3612) at least 24 hours prior to commencing any plugging operations.

If you have any questions contact Les Babyak at (575) 234-5947. Requirements are based on BLM Onshore Order #2.