

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**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. NMNM0413245

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator CIMAREX ENERGY COMPANY OF COLORADO

3a. Address 6001 DEAUVILLE BLVD STE 300N, MIDLAND, TX 79701
3b. Phone No. (include area code) (432) 620-19364. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 10/T24S/R26E/NMP7. If Unit of CA/Agreement, Name and/or No.
BLACK RIVER FED '10' COM/NMNM945198. Well Name and No.
BLACKRIVER 10 FEDERAL COM/2

9. API Well No. 3001532634

10. Field and Pool or Exploratory Area
S CARLSBAD/S CARLSBAD11. Country or Parish, State
EDDY/NM

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"/> Hydraulic Fracturing	<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 checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input 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 recompleat 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 recompleat 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) SET 5-1/2" CIBP @ 11,100'; CIRC. WELL W/ M.L.F.; PRES. TEST 5-1/2" CSG. TO 500# X HOLD FOR 30 MINS; RUN CBL. 2) PUMP (30) SXS. CLASS "H" CMT. @ 11,100'-9,900' (T/MRRW.); WOC X TAG TOC. 3) PUMP (25) SXS. CLASS "H" CMT. @ 8,553'-8,373' (T/WLCP.). 4) PUMP (25) SXS. CLASS "C" CMT. @ 7,075'-6,915' (5-1/2" DV TOOL); WOC X TAG TOC. 5) PERF. X ATTEMPT TO SQZ. (60) SXS. CLASS "C" CMT. @ 5,339'-5,189' (T/BNSG.); 6) PERF. X ATTEMPT TO SQZ. (60) SXS. CLASS "C" CMT. @ 3,268'-3,138' (9-5/8" CSG.SHOE); WOC X TAG TOC. 7) PERF. X ATTEMPT TO SQZ. (50) SXS. CLASS "C" CMT. @ 1,932'-1,822' (T/DLWR.). 8) PERF. X ATTEMPT TO SQZ. (50) SXS. CLASS "C" CMT. @ 1,535'-1,425' (B/SALT); WOC X TAG TOC. 9) PERF. X ATTEMPT TO SQZ. (100) SXS. CLASS "C" CMT. @ 649'-390' (T/SALT, 9-5/8" CSG.SHOE); WOC X TAG TOC. 10) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (25) SXS. CLASS "C" CMT. @ 63'-3'. 11) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.

DURING THIS PROCEDURE WE PLAN TO USE A CLOSED-LOOP SYSTEM WITH A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

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

DAVID EYLER / Ph: (432) 687-3033

Agent

Title

12/26/2024

Signature (Electronic Submission)

Date

11/01/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

KEITH P IMMATTY / Ph: (575) 988-4722 / Approved

ENGINEER

Title

12/24/2024

Date

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 CARLSBAD

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)

Additional Information

Location of Well

0. SHL: SESW / 1160 FSL / 1400 FWL / TWSP: 24S / RANGE: 26E / SECTION: 10 / LAT: 32.228157 / LONG: -104.2850189 (TVD: 0 feet, MD: 0 feet)

BHL: SESW / 1160 FSL / 1400 FWL / TWSP: 24S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

- 1) SET 5-1/2" CIBP @ 11,072' ADJUSTED TO BE MIN 50' FROM PERFS; CIRC. WELL W/ M.L.F.; PRES. TEST 5-1/2" CSG. TO 500# X HOLD FOR 30 MINS; RUN CBL.
- 2) PUMP (30) SXS. CLASS "H" CMT. @ 11,072'-9,900' (T/MRRW.); WOC X TAG TOC.
- 3) PUMP (25) SXS. CLASS "H" CMT. @ 8,553'-8,328' (T/WLCP.).
- 4) PUMP (25) SXS. CLASS "C" CMT. @ 7,075'-6,875' (5-1/2" DV TOOL); WOC X TAG TOC.
- 5) PERF. X ATTEMPT TO SQZ. (60) SXS. CLASS "C" CMT. @ 5,339'-5,161' (T/BNSG.);
- 6) PERF. X ATTEMPT TO SQZ. (60) SXS. CLASS "C" CMT. @ 3,268'-3,120' (9-5/8" CSG.SHOE); WOC X TAG TOC.
- 7) PERF. X ATTEMPT TO SQZ. (50) SXS. CLASS "C" CMT. @ 1,932'-1,808' (T/DLWR.).
- 8) PERF. X ATTEMPT TO SQZ. (50) SXS. CLASS "C" CMT. @ 1,535'-1,425' (B/SALT); WOC X TAG TOC.
- 9) PERF. X ATTEMPT TO SQZ. (155) SXS. CLASS "C" CMT. @ 649'-SURFACE' (T/SALT, 9-5/8" CSG.SHOE); WOC X TAG TOC. 500' SURFACE PLUG NEEDED DUE TO CRITICAL CAVE KARST AREA. COMBINED SALT, SHOE AND SURFACE PLUGS
- ~~10) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (25) SXS. CLASS "C" CMT. @ 63'-3'.~~
- 11) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.

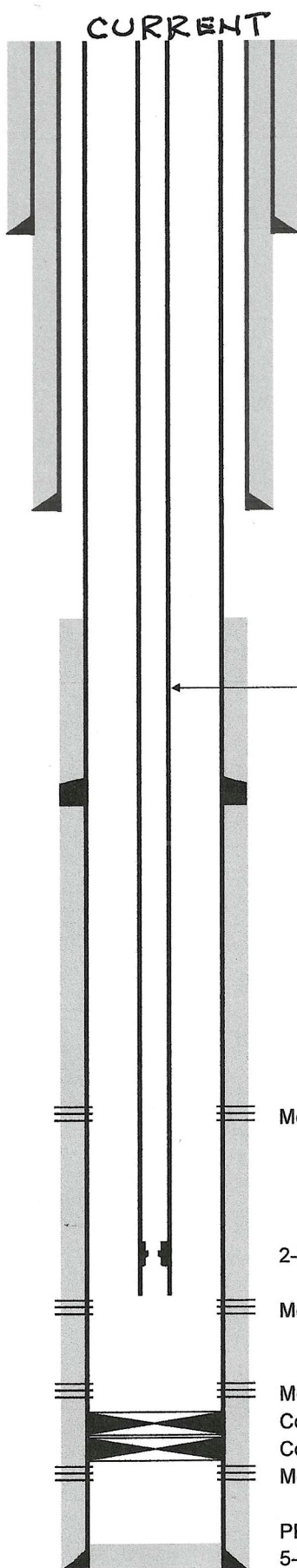
DURING THIS PROCEDURE WE PLAN TO USE A CLOSED-LOOP SYSTEM WITH A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

BLM NOTE: DEPTHS ADJUSTED TO HAVE 10% EXCESS PER 1000'.

KEITH IMMATTY

Digitally signed by KEITH
IMMATTY

Date: 2024.12.23 20:54:07 -07'00'



Cimarex Energy Co. of Colorado

Black River 10 Federal Com #2

1160' FSL & 1400' FWL

Sec. 10, T-24-S, R-26-E, Eddy Co., NM

S. Gengler

06/12/2012

30-015-32634

13-3/8", 48# H-40 csg @ 440'
cmtd w/ 490 sx, cmt circ

9-5/8", 40# J-55 csg @ 3203'
cmtd w/ 1235 sx, cmt circ

TOC @ 5780' by CBL

← 345 jts 2 3/8" 4.7# L-80 Tbg

DV Tool @ 6995'
cmtd w/ 100 sx

Morrow perms (11122' - 11132')

2-3/8" SN @ 11315'

Morrow perms (11338' - 11484')

Morrow perms (11534' - 11550')

Composite BP @ 11580'

Composite BP's @ 11630' & 11660'

Morrow perms (11719' - 11724')

PBTD @ 11920'

5-1/2" 17# N-80 @ 11956' cmtd w/ 1050 sx

TD @ 11968'

Printed 10/30/2024

CIMAREX**Cimarex Energy Co. of Colorado**

Black River 10 Federal Com #2

1160' FSL & 1400' FWL

Sec. 10, T-24-S, R-26-E, Eddy Co., NM

S. Gengler

06/12/2012

PROPOSED

PERF. X SQZ. (100) SX5 @ 49,390' TAG

PERF. X SQZ. (50) SX5.
@ 1,535' - 1,425' TAGPERF. X SQZ. (50) SX5.
@ 1,932' - 1,822'PERF. X SQZ. (60) SX5.
@ 3,268' - 3,138' TAGPERF. X SQZ. (60) SX5.
@ 5,339' - 5,189'Pump (25) SX5. @
7,075' - 6,915' TAGPump (25) SX5. @
8,553' - 8,373'Pump (30) SX5. @
11,100' - 9,900' TAG30-015-32634
CIRC. (25) SX5 @ 63'-3'13-3/8", 48# H-40 csg @ 440'
cmtd w/ 490 sx, cmt circT/SALT ~ 599'
B/SALT ~ 1,480'
T/DLWR ~ 1,877'
T/BNSG ~ 5,264'
T/LACP ~ 8,463'
T/STWN ~ 10,210'
T/ATOKA ~ 10,690'
T/MRPA ~ 10,987'9-5/8", 40# J-55 csg @ 3203'
cmtd w/ 1235 sx, cmt circ

TOC @ 5780' by CBL

DV Tool @ 6995'
cmtd w/ 100 sxSET 5-1/2" CIBP @ 11,100'
Morrow perms (11122' - 11132')

Morrow perms (11338' - 11484')

Morrow perms (11534' - 11550')
Composite BP @ 11580'
Composite BP's @ 11630' & 11660'
Morrow perms (11719' - 11724')PBTD @ 11920'
5-1/2" 17# N-80 @ 11956' cmtd w/ 1050 sx
TD @ 11968'

Printed 10/30/2024

DAE 11/01/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 415287

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 415287
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	Adhere to current Plug & Abandon (P&A) Conditions Of Approvals (COA).	1/3/2025
gcordero	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	1/3/2025
gcordero	Submit Cement Bond Logs (CBL) prior to submittal of C-103P.	1/3/2025