

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. NMNM19848

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

3b. Phone No. (include area code)
(432) 620-19367. If Unit of CA/Agreement, Name and/or No.
LAGUNA GRANDE-ATOKA/NMNM70967A

8. Well Name and No. LAGUNA GRANDE UNIT FEDERAL

9. API Well No. 3001523414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 29/T23S/R29E/NMP

10. Field and Pool or Exploratory Area
LAGUNA SALADO-ATOKA/LAGUNA SALADO-ATOKA11. 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) TAG EXISTING 5-1/2" CIBP + CMT. @ +/-11,851'. 2) PUMP (70) SXS. CLASS "H" CMT. @ 10,194'-9,900' (5-1/2" LNR.TOP, T/WLCP.); WOC X TAG TOC. 3) SET 7-5/8" CIBP @ 9,050'; PUMP (25) SXS. CLASS "H" CMT. @ 9,050'-8,950'. 4) CIRC. WELL W/ M.L.F. 5) PUMP (65) SXS. CLASS "C" CMT. @ 6,770'-6,482' (T/BNSG., 7-5/8" DV TOOL); WOC X TAG TOC. 6) PUMP (25) SXS. CLASS "C" CMT. @ 4,741'-4,621' (SPACER PLUG). 7) PUMP (60) SXS. CLASS "C" CMT. @ 3,050'-2,750' (T/DLWR., 10-3/4" CSG. SHOE); WOC X TAG TOC. 8) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (130) SXS. CLASS "C" CMT. PLUG @ 260'-3'. 9) 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 REQUIRE 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

Title Agent

Signature

Date

04/07/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Accepted for record - NMOCD gc5/5/2023

Approved by

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

Title ENGINEER

Date 05/06/2023

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)

- 1) TAG EXISTING 5-1/2" CIBP + CMT. @ +/-11,851'.
- 2) PUMP (70) SXS. CLASS "H" CMT. @ 10,194'-9,900' (5-1/2" LNR.TOP, T/WLCP.); WOC X TAG TOC.
- 3) SET 7-5/8" CIBP @ 9,000'; Leak test 500psi, 30mins. PUMP (25) SXS. CLASS "H" CMT. @ 9,000'-8,950'.
- 4) CIRC. WELL W/ M.L.F.
- 5) PUMP (65) SXS. CLASS "C" CMT. @ 6,770'-6,416' (T/BNSG., 7-5/8" DV TOOL); WOC X TAG TOC.
- 6) PUMP (25) SXS. CLASS "C" CMT. @ 4,741'-4,621' (SPACER PLUG).
- 7) PUMP (70) SXS. CLASS "C" CMT. @ 3,050'-2,722' (T/DLWR., 10-3/4" CSG. SHOE); WOC X TAG TOC.
- 8) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (130) SXS. CLASS "C" CMT. PLUG @ 260'-3'.
- 9) 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 REQUIRE DISPOSAL, PER OCD RULE 19.15.17.

KEITH

IMMATTY

Digitally signed by
KEITH IMMATTY

Date: 2023.05.06
11:19:03 -06'00'



COTERRA ENERGY
 Laguna Grande Unit #3
 2310' FSL & 1980' FEL
 Sec. 29, T-23-S, R-29-E, Eddy Co., NM
 Updated: S. BRANNAN 3/29/2023

CURRENT TUBING DETAIL

Quantity	Description	Length	Setting Depth
	KB Correction	25.00'	25.00'
290	2-3/8" 4.7# N-80 EUE 8rd tbq	9,454.00'	9,479.00'
1	2-7/8" CSN	0.50'	9,479.50'

13-3/8", 61# H-40 & K-55 csg @ 202'
 cmtd w/ 350 sx, cmt circ

TOC @ 1318 by TS

10-3/4", 40.5 & 51# K-55 csg @ 2800'
 cmtd w/ 1150 sx

DV Tool @ 6532'

Approx. EOT @ 9,479'

Harkey SS Perfs (9,080' - 9,110')

Dump Bail 27' of Cement; TOC @ 11,851'
 CIBP @ 11,878'

TOL @ 10144'

7-5/8", 29.7 & 33.7# S-95 csg @ 10730', cmtd w/ 500 sx

Packer @ 11900'; left in hole; tubing cut at 11,884'

Atoka perfs (12104' - 12189')

PBTD @ 12600'

CIBP @ 12620'

5-1/2" 20# P-110 @ 12725' cmtd w/ 240 sx

TD @ 13690'



COTERRA ENERGY

Laguna Grande Unit #3

2310' FSL & 1980' FEL

Sec. 29, T-23-S, R-29-E, Eddy Co., NM

Updated: S. BRANNAN 3/29/2023

PROPOSED

13-3/8", 61# H-40 & K-55 csg @ 202'
cmtd w/ 350 sx, cmt circ

TOC @ 1318 by TS

10-3/4", 40.5 & 51# K-55 csg @ 2800'
cmtd w/ 1150 sx

TIANH4 ~ 210'
 TIDAWR ~ 3,000'
 TIBNSG ~ 4,720'
 T/WLCP ~ 9,950'
 TIPLENN ~ 11,370'
 T/STWNL ~ 11,586'
 T/ATOKA ~ 11,780'

DV Tool @ 6532'

Harkey SS Perfs (9,080' - 9,110')

TOL @ 10144'

7-5/8", 29.7 & 33.7# S-95 csg @ 10730', cmtd w/ 500 sx

Packer @ 11900'; left in hole; tubing cut at 11,884'

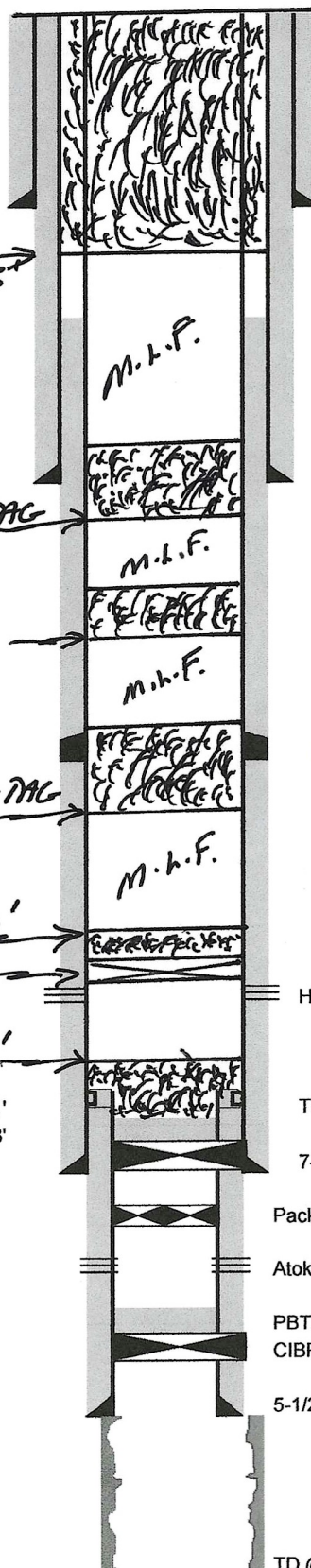
Atoka perfs (12104' - 12189')

PBTD @ 12600'

CIBP @ 12620'

5-1/2" 20# P-110 @ 12725' cmtd w/ 240 sx

TD @ 13690'



DAE 04/06/23

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

CONDITIONS

Action 222461

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd, Ste 300N Midland, TX 79706	OGRID: 162683
	Action Number: 222461
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	6/2/2023