

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM100331
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No. NMNM119548
3b. Phone No. (include area code) Ph: 918-560-7060 Fx: 918-749-8059		8. Well Name and No. COLTON 7 FEDERAL 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 7 T21S R27E NENW 1250FNL 2170FWL		9. API Well No. 30-015-33101-00-S1
		10. Field and Pool, or Exploratory BURTON FLAT-MORROW
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Deepen
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input checked="" 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

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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

PERFS: PROPOSED STRAWN 10,014?-20?, 10,117?-26?, 10,180?-84?, 10,221?-30?, 4 spf/112 hls MORROW
10,905?-909?, 11,102?-115?, 143?-149?, 11,159?-170?, 11,184?-190?, 11,238?-422, 11,248-58?
11,268?-75?, 11,306?-11?, 11,361?-71?, 6 spf/222 hls

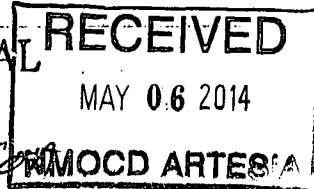
**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

Procedure:

Hold safety meeting. MIRE pulling unit. Bleed off any wellhead pressure. If necessary Pump 4% KCL down tbg to kill well.

ND WH, NU BOP, Release PKR, TOOH, & LD w/ tbg. Send Tbg & pkr to ware house
MIRU wireline. Make GR run to 10,900'. RIH w/ CIBP on WL & set @ 10,820' (within 100' of top of
Morrow @ 10,896') Load hole & pressure test to 1,000 psi, then POOH.

RU & RIH w/ cement dump bailer & dump a minimum of 35 sx cement on CIBP to abandon the Morrow. POOH



14. I hereby certify that the foregoing is true and correct. Electronic Submission #240567 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad Committed to AFMSS for processing by CHRISTOPHER WALLS on 04/25/2014 (14CRW0235SE)		APPROVED APR 28 2014 /s/ Chris Walls BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	
Name (Printed/Typed) ARICKA EASTERLING	Title REGULATORY ANALYST		
Signature (Electronic Submission)	Date 03/31/2014		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved By		Title	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	

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.

Additional data for EC transaction #240567 that would not fit on the form

32. Additional remarks, continued

w/ WL & RD

RIH w/ CSG guns, Depth reference with Schlumberger CNDL dated 8/24/2005 and set pkr. Completely load tbg with fluid (55 bbl capacity).

Perf Strawn with 4 SPF (10,014'-20', 10,117'-26', 10,180'-84', 10,221'-30') 112 holes. RDMO WL.

TIH w/ 5 1/2" by 2-3/8" pkr, & new 2 3/8" tbg string. Circulate 4% CKL w/ pkr fluid. Set Pkr with EOT @ 9,990'. (If pressure is an issue set Pkr via WL @ 9,946', expected reservoir pressure 3,940#).

Acidize strawn perms (10,014' - 10,230') w/ gals 15% HCL NEFE acid & 140 Degradable ball sealers. flush w/ 4% KCL Water.

Swab tbg if necessary. ND BOP, NU WH, RDMO PU. Return well to production.

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33101		Pool Code	Pool Name Strawn	
Property Code	Property Name Colton 7 Federal			Well Number 1
GRID No. 162683	Operator Name Cimarex Energy Co of Colorado			Elevation 3199'

Surface Location

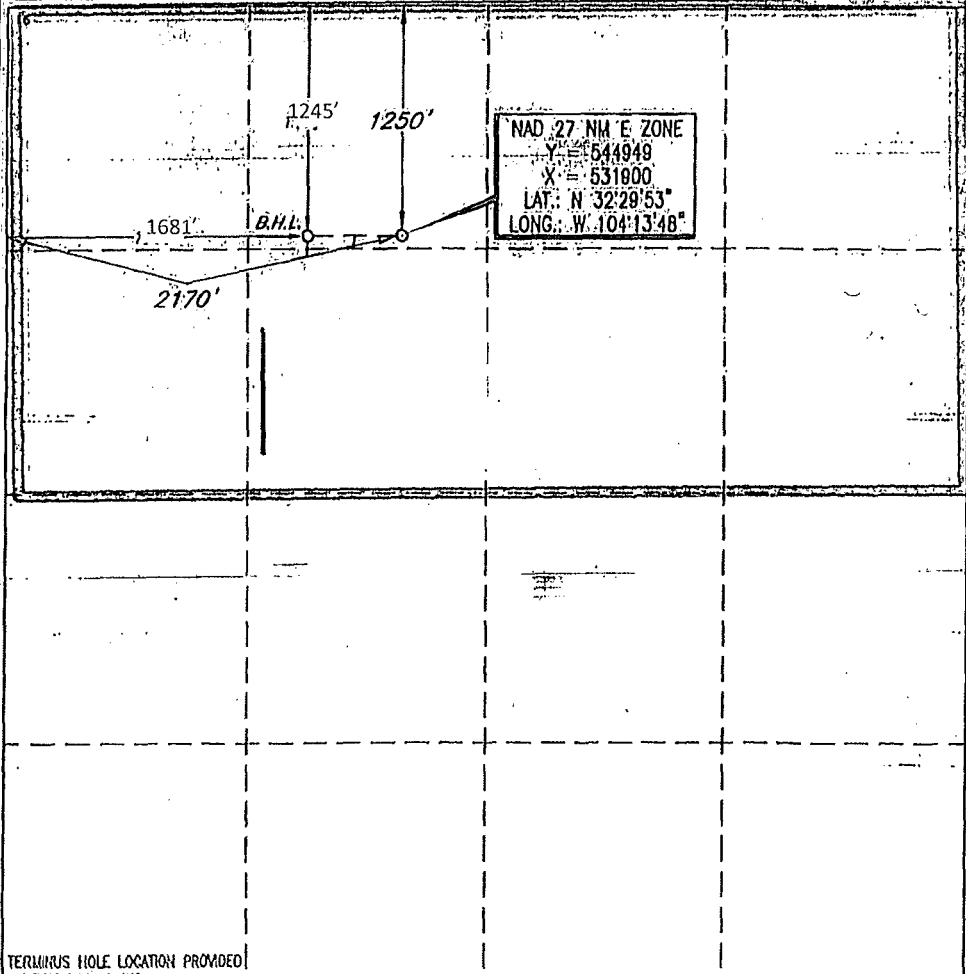
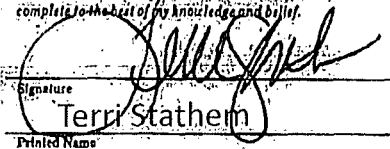
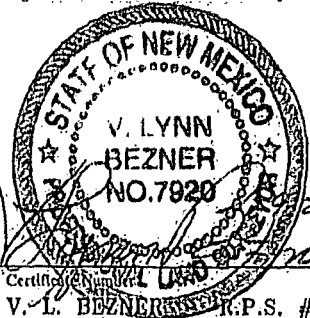
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	21 SOUTH	27 EAST, N.M.P.M.		1250'	NORTH	2170'	WEST	EDDY

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
C	7	21 SOUTH	27 EAST, N.M.P.M.		1245'	NORTH	1681'	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Terri Stathem Printed Name Regulatory Title 4/7/2014 Date tstathem@cimarex.com
	18 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. SEPTEMBER 10, 2003 Date of Survey Signature and Seal of Professional Surveyor  Certification Number V. L. BEZNER P.S. #7920 JOB # 90274 / 49 NW / J.C.P.

TERMINUS HOLE LOCATION PROVIDED
BY TOM BROWN, INC.

Conditions of Approval

Colton 7 Fed 1

30-015-33101

Cimarex Energy Co. of Colorado

Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.

- 1. Operator shall set a CIBP at 10,855' (or as close to the perfs as possible) and pump a minimum of 210 ft of Class H cement. Tag required. (Top of Morrow - 10896')**
2. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
3. Surface disturbance beyond the originally approved pad must have prior approval.
4. Closed loop system required.
5. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
6. Operator to have H₂S monitoring equipment on location.
7. A minimum of a 3000 (3M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram.
- 8. Subsequent sundry required detailing work done and completion report for the new formations. Operator to include well bore schematic of current well condition when work is complete.**

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Production Zone Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from this approval.

If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.

Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.