

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.5. Lease Serial No.
NMNM15007

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
GLENWOOD 28 FEDERAL COM 004

2. Name of Operator

CIMAREX ENERGY CO. OF COLORADO

Contact: NATALIE E KRUEGER

Email: nkrueger@cimarex.com

9. API Well No.
30-015-36327

3a. Address

600 N. MARIENFELD ST., STE. 600
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-620-1936
Fx: 432-620-194010. Field and Pool, or Exploratory
ABO/WOLFCAMP

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

Sec 28 T16S R29E NENE 760FNL 960FEL
32.89781 N Lat, 104.07437 W Lon11. 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 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 checked="" 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 recompletable 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 recompletable 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.)

Accepted for record

Well recompleted to Abo/Wolfcamp (DHC) in 01-09. SI in 02-09, uneconomical to produce. Strawn perfs @ 9506-9630. CIBP @ 9570 w/ 8' cmt. CIBP @ 9730 w/ 35' cmt. Wolfcamp perfs @ 7802-7809. Abo perfs @ 7104-7138.

NMOCDA
12/9/10

? POOH w/ rods. NU 3K BOP, release TAC, and TOOH w/ tbg.
? Set CIBP @ 7790' and dump 35' cmt. Set CIBP @ 7090' w/ 35' cmt.
? Load hole w/ fresh water and test casing to 4800#. RIH w/ 28#8542" tbg to 5600'.
? Pressure test casing to 500# for 30 minutes to generate chart. TA well.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Request 90-day TA in order to evaluate off-set Blinbry/Paddock recompletable of the Juno 27 Fed Com
3. If that test is successful, NOI to RC to Paddock/Blinbry @ 3940-4280 and 4350-4690 to be sent in under separate cover. If that test is unsuccessful, the Glenwood 28 Fed Com 4 will be plugged

Approved To TA For 90 days only. Recomplete or submit NOI to P&A By 3/3/11

14. I hereby certify that the foregoing is true and correct.

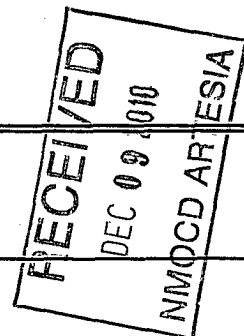
Electronic Submission #98199 verified by the BLM Well Information System
For CIMAREX ENERGY CO. OF COLORADO, sent to the Carlsbad

Name (Printed/Typed) NATALIE E KRUEGER

Title REGULATORY

Signature (Electronic Submission)

Date 11/29/2010



THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

J. D. W. Whitlock

Title

LPET

Date 12/3/10

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

CFO

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.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Additional data for EC transaction #98199 that would not fit on the form

32. Additional remarks, continued

and abandoned.

Please see attached WBD and TA procedure.

**JUNO 27 FEDERAL #3
BLINBERRY / PADDOCK RECOMPLETION**

API # 30-015-36424
660' FSL & 660' FWL
Section 27, T-16-S, R-29-E
Eddy County, New Mexico

GL : 3650'
KB : 3668.5'
TD : 10,615'
PBD: 10,310'
SURF CSG : 13-3/8" OD 48#/FT H-40 @ 400' CMNT CIRC TO SURFACE - 540 SX
INTER CSG: 8-5/8" OD 32#/FT J-55 @ 2660' CMNT CIRC TO SURFACE - 1166 SX
PROD CSG : 4-1/2" OD 11.6#/FT P-110 @ 10,611' CMNT CIRC TO SURFACE - 1750 SX
CIBP : 10,310' W/ 2 SX CMNT
TUBING: 2-3/8" L-80 TUBING TO 9990' (4-1/2" X 2-3/8" OOT ABOVE PKR)
PACKER: 4-1/2" AS-1X PKR W/ 1.81 PF NIPPLE @ 9990'
TAILPIPE: 6'X2-3/8" SUB W/ 1.781 NIPPLE /WLEC @ 10,002'
MORROW PERFS: 10,325'-10,435'
ATOKA PERFS: 10,130'-10,150'

4-1/2" 11.6# P-110: ID=4.0" DRIFT=3.875" BURST=10,690# COLLAPSE=7,560# CAPACITY=.0155
bbls/ft

RECOMPLETION

1. RIG UP PULLING UNIT. KILL WELL IF NECESSARY. RELEASE PROD PKR @ 9990' AND TOOH W/ 2-3/8" TUBING AND 4-1/2" PROD PKR.
2. MIRU WIRELINE. MAKE 4-1/2" GAUGE RING RUN TO TOP OF PERFS @ ~10,128'. RIH W/ 4-1/2" CIBP AND SET AT ~10,100'. DUMP BAIL 35' CMNT. PLUG OUT UPHOLE ZONES ACCORDING TO BLM SPECIFICATIONS.
3. LOAD HOLE W/ FRESH WATER AND TEST CSG TO 4000#. RU AND TEST LUBRICATOR TO 2000 PSI. RIH W/ GAMMA RAY TOOL AND CBL. LOG FROM PBD TO SURFACE. RUN REPEAT WITH NO PRESSURE AND MAIN PASS W/ 1000#. NOTE TOC.
4. RIH W/ PERF GUN. PERFORATE FIRST STAGE (BLINBERRY ZONE) AT 1 SPF SPACED OUT OVER 4420'- 4630', ONE SHOT EVERY ~4.2' (50 SHOTS, 0.43" HOLE, 60 DEG PHASING). MONITOR SURFACE PRESSURE. POOH.
5. MI FRAC TANKS. NU TREE SAVER. MIRU FLOWBACK EQUIPMENT. MIRU FRAC CREW.
6. FRAC FIRST STAGE AS PER FRAC PROCEDURE. MAX SURFACE TREATING PRESSURE = 7,950 PSI.
7. RD TREE SAVER. RU WL UNIT.
8. RIH AND SET COMPOSITE BRIDGE PLUG AT 4,350'. POOH.
9. RIH WITH PERF GUN. PERFORATE 2ND STAGE (PADDOCK ZONE) AT 1 SPF OVER 3976'- 4276', ONE SHOT EVERY ~6.7' (45 SHOTS, 0.43" HOLE, 60 DEG PHASING). MONITOR SURFACE PRESSURE. POOH.

10. RU FRAC EQUIPMENT. RU TREE SAVER. FRAC SECOND ZONE AS PER FRAC PROCEDURE. MAX SURFACE TREATING PRESSURE = 7,950 PSI.
11. OPEN WELL IMMEDIATELY TO FLOWBACK TANK. FLOW ZONE RECORDING HOURLY FLUID RECOVERIES AND/OR FLUID LEVELS.
12. RIH W/ 3-7/8" BIT. CLEAN AND WASHOUT WELL. DRILL PLUGS OUT TO +/-PBTD.
13. POOH AND RUN SUBPUMP. TURN TO SALES.

**Cimarex Energy Co. of Colorado****JUNO 27 FEDERAL #3**

API 30-015-36424

660' FSL & 660' FWL, Sec 27, T16S R29E

Eddy County, NM

GL 3650'

KB 3668.5'

13 3/8" 48# H40 csg @ 400'
Cmt w/540sxs, circ to surface

8 5/8" 32# J55 csg @ 2660'
Cmt w/1166 sx, circ to surface

17 1/2" hole to 400'

11" hole to 5000'

Quantity	Description	Length	Setting Depth
	KB	18.50	
1	4 1/2" X 2 3/8" Tbg Hanger		
1	2 3/8" Tbg ft		
3	2 3/8" Sub 10', 8', 4'		
305	2 3/8" L80		
1	4 1/2" X 2 3/8" OOT		
1	AS-1X pkr w/ 1.81 PF nipple		9990.00
	6' X 2 3/8" sub with 1.781		
	Nipple/WLEC		10001.43

CIBP @ 10,310'
2 sxs cmt on top CIBP

4 1/2" 11.6# J55 @ 10,611'
Cmt w/1750 sx, circ to surface

Atoka Perfs:

10,130'-150' (with stim sleeve over perfs)

Morrow Perfs:10,325'-327', 352'-54', 426'-429', 429'-442'
433'-435'

7 7/8" hole to TD 10,615'

PBTD: 10,310'

TD: 10,615'

M. Ketter 5/3/2010

CIMAREX

Cimarex Energy Co. of Colorado

JUNO 27 FEDERAL #3

API 30-015-36424

660' FSL & 660' FWL, Sec 27, T16S R29E

Eddy County, NM

GL 3650'

KB 3668.5'

13 3/8" 48# H40 csg @ 400'
Cmt w/540sxs, circ to surface

8 5/8" 32# J55 csg @ 2660'
Cmt w/1166 sx, circ to surface

Class C Plug 5820-5980
Abo plug, tag

Class C Plug 7144-7319
Wolfcamp plug, tag

Class H Plug 10080-10310
Mini 50' bove Atoka perms, tag

CIBP @ 10,310'
2 sxs cmt on top CIBP

4 1/2" 11.6# J55 @ 10,611'
Cmt w/1750 sx, circ to surface

17 1/2" hole to 400'

Proposed Blinbry Perfs 3976-4276

Proposed Blinbry Perfs 4420-4630

11" hole to 5000'

Abo Top: 5930

Wolfcamp Top: 7269

Atoka Perfs:
10,130'-150' (with stim sleeve over perfs)

Morrow Perfs:
10,325'-327', 352'-54', 426'-429', 429'-442',
433'-435'

7 7/8" hole to TD 10,615'

PBTD: 10,310'
TD: 10,615'

M. Ketter 5/3/2010

DISTRICT I
1025 N. French Dr., Hobbs, NM 88240

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office:
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36424	Pool Code	Pool Name Blinebry/Paddock Wildcat
Property Code 37001	Property Name JUNO "27" FEDERAL COM	Well Number 3H
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3650'

Surface Location

UL or lot No. M	Section 27	Township 16 S	Range 29 E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 660	East/West line WEST	County 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
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

<p>SURFACE LOCATION Lat - N32°53'13.90" Long - W104°04'08.74" NMSPCE - N 686602.988 E 622450.365 (NAD-83)</p> <p>NM-12128 3646.0' - 3650.5'</p> <p>660' 3644.9'</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Natalie Krueger</i> 11/29/2010 Signature Date</p> <p>Natalie Krueger Printed Name</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MARCH 27, 2008 Date Surveyed</p> <p><i>Gary L. Jones</i> Signature Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
--	--

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

**Temporary Abandonment of Wells on Federal Lands
Conditions of Approval**

A temporarily abandoned well is defined as a completion that is not capable of production in paying quantities but which may have value as a service well. Pursuant to 43 CFR 3162.3-4 (c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful mechanical or casing integrity test as follows:

1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
2. A description of the temporary abandonment procedure.
 - a. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging.
 - b. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes. Any leak-off will be evaluated.
 - c. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
 - d. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
 - e. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Eddy County, 575-361-2822; Lea County 575-393-3612.
3. **Provides justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned.**

Wells that successfully pass the casing integrity test may be approved for Temporary Abandonment (TA) status provided that the operator:

1. **Submits a subsequent Sundry Notice** (Form 3160-5) requesting TA approval **with well bore diagram** with all perforations and CIBP's and tops of cement on CIBP's.
2. Describes the temporary abandonment procedure.
3. Attaches a clear copy or the original of the pressure test chart.
4. Give justification to allow well to be place in TA status and plan for future use of well with time frame that well will be place back on line or plans to P&A well will be submitted.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.
2. A procedure to plug and abandon the well.

Glenwood 28 Fed. Com. 4 Well may be approved to be TA/SI for a period of 90 days or until 3/3/2011 after successful MIT and subsequent report with well bore diagram is submitted. This will be the only TA approval for this well. Well must be return to beneficial use plans to P&A must be submitted by March 3, 2011.