

\* (See instructions and spaces for additional data on page 2)

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)

Flare testing gas, waiting for Hunter gas tie in.

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

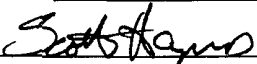
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Top Salt	1,048'
				Base Salt	1,655'
				Delaware	1,854'
				Cherry Canyon	2,832'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☒ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other: PEAK Systems Drawing, Frac Job, Deviation/well path

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Scott Haynes Title Regulatory Analyst  
 Signature  Date March 16, 2009

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.

Acid, Fracture, Treatment, Cement Squeeze, etc. Attachment  
**Cottonwood Draw 22 Federal 2**  
 22-25S-26E  
 Eddy County, NM

Depth Interval	Amount and Type of Material Used
<b>Stage 1</b> 4639'-4904'	Pump 24 bbls of 20# X-link pad followed by 1 ppg to 3 ppg white sand in SilverStim gel system. Pump down 2 7/8" tbg at 10 BPM at 1685#. Drop 1 1/2" ball. Pump 25 bbls 20# linear gel, seat ball, open port at 4305' with 3084#. Max psi 1860#. 5000# 16/30 white sand pumped.
<b>Stage 2</b> 4076'-4505'	Pump 24 bbls of 20# X-link pad at 10 BPM followed by 1 ppg to 3 ppg 16/30 white sand in SilverStim gel system, drop 1 3/4" ball. Pump 23 bbls 20# linear gel, seat ball, open port at 3908' with 3422#. Max psi 1580#. 5000# 16/30 white sand pumped.
<b>Stage 3</b> 3710'-4076'	Pump 24 bbls of 20# X-link pad at 10 BPM followed by 1 ppg to 3 ppg 16/30 white sand in SilverStim gel system drop 2" ball. Pump 21 bbls 20# linear gel, seat ball, open port at 3575' with 3684#. Max psi 1770# 5000# 16/30 white sand pumped.
<b>Stage 4</b> 3442'-3710'	Pump 24 bbls of 20# X-link pad at 10 BPM followed by 1 ppg to 3 ppg 16/30 white sand in SilverStim gel system drop 2 1/4" ball. Pump 19 bbls 20# linear gel, seat ball, open port at 3272' with 3716#. Max psi 1595#. 5000# 16/30 white sand pumped.
<b>Stage 5</b> 3112'-3442'	Pump 24 bbls of 20# X-link pad at 10 BPM followed by 1 ppg to 2 ppg 16/30 white sand in SilverStim gel system. Ran out of sand on 3# stage. Pump 3# volume & over flushed with 19 bbls. Max psi 1560#. 2000# 16/30 white sand pumped.

DISTRICT I  
1625 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 30-015-36757	Pool Code A6720 <del>96597</del> /	Pool Name Cottonwood Draw; Delaware, North
Property Code 37481 ✓	Property Name COTTONWOOD DRAW "22" FEDERAL	Well Number 2
GRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3303'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	22	25 S	26 E		2310	SOUTH	380	EAST	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
P	22	25 S	26 E		339	SOUTH	531	EAST	EDDY

Dedicated Acres 80	Joint or Infill	Consolidation Code	Order No.
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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><b>OPERATOR CERTIFICATION</b></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 released 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>Scott Haynes</i> 03-16-09 Signature Date</p> <p>Scott Haynes Printed Name</p>
		<p><b>SURVEYOR CERTIFICATION</b></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>JUNE 17, 2008 Date Surveyed</p> <p>Signature: GARY L. JONES Professional Seal of Gary L. Jones, Surveyor No. 7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>