

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB NO 1004-0137  
Expires March 31, 2007

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5 Lease Serial No NM-92160	
b Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr Other										6 If Indian, Allottee or Tribe Name	
2 Name of Operator Cimarex Energy Co of Colorado										7 Unit or CA Agreement Name and No Pending	
3 Address PO Box 140907, Irving, TX 75014										8 Lease Name and Well No Trinity 20 Federal Com No 1	
3a Phone No (include area code) 972-443-6489										9 API Well No 30-015-34521	
4 Location of Well (Report Location clearly and in accordance with Federal requirements)*  At surface 1980' FSL & 1580' FEL  At top prod interval reported below 1980' FSL & 1580' FEL  At total depth 1980' FSL & 1580' FEL										10 Field and Pool, or Exploratory Chosa Draw, Morrow (Gas)	
14 Date Spudded 03 16 07										15 Date T.D. Reached 04 18 07	
16 Date Completed 05.25 07 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod										17 Elevations (DF, RKB, RT, GL)* 3430' GR	
18 Total Depth MD 12280' TVD										19 Plug Back TD MD 12230' TVD	
20 Depth Bridge Plug Set MD TVD										21 Type Electric & Other Mechanical Logs Run (Submit copy of each)  SDN, DLL, CBL	
22 Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)										23 Casing and Liner Record (Report all strings set in well)	
Hole Size										Size/Grade	
Wt. (#/ft)										Top (MD)	
Bottom (MD)										Stage Cementer Depth	
No of Sks & Type of Cement										Slurry Vol (BBL)	
Cement Top*										Amount Pulled	
17-1/2"										13-3/8" H-40	
48										0	
310'										0	
2665'										0	
12280'										7893'	
2250 IntH/IntC/ PremH										2620'	
24. Tubing Record										25. Producing Intervals	
Size										Depth Set (MD)	
Packer Depth (MD)										Size	
Depth Set (MD)										Packer Depth (MD)	
2-3/8"										12230'	
26 Perforation Record										27 Acid, Fracture, Treatment, Cement Squeeze, etc	
Formation										Top	
Bottom										Perforated Interval	
Size										No Holes	
Perf. Status										A) Chosa Draw, Morrow (Gas)	
11132										TD	
11151'-11577'										0 32	
146										Producing	
28. Production - Interval A										28. Production - Interval B	
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	
Csg Press										24 Hr Rate	
Oil BBL										Gas MCF	
Water BBL										Gas/Oil Ratio	
Well Status										JUL 11 2007	
28. Production - Interval B										28. 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	
Csg Press										24 Hr Rate	
Oil BBL										Gas MCF	
Water BBL										Gas/Oil Ratio	
Well Status										JUL 11 2007	

\* (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*)

Sold

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
				B Salt	1,252
				Delaware	1,824
				Bone Spring	5,315
				FBSS	6,233
				SBSS	7,535
				TBSS	8,062
				Wolfcamp	8,392
				Cisco-Canyon	10,098
				Strawn	10,388
				Atoka	10,600
				Morrow	11,132
				L Morrow	11,928

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.

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*) Natalie Krueger Title Reg Analyst I  
 Signature *Natalie Krueger* Date June 13, 2007

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  
WELL/LEASE  
COUNTY

CIMAREX ENERGY COMPANY  
TRINITY 20 FED. COM. 1  
EDDY

080-0051

STATE OF NEW MEXICO  
DEVIATION REPORT

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150	0.50
230	0.50
597	1.00
993	1.00
1,331	2.00
1,521	3.00
1,647	2.00
2,249	1.00
2,608	1.00
2,914	1.00
3,355	1.00
3,671	1.00
4,105	1.00
4,608	1.00
5,032	1.00
5,493	1.00
5,821	1.00
6,315	1.00
6,830	1.00
7,430	0.50
7,920	1.00
8,390	1.00
8,900	1.00
9,405	1.00
9,905	1.00
10,100	1.25
10,200	1.00
10,681	1.00
11,186	1.00
11,675	1.00
11,990	1.00
12,280	1.00

BY: Steve Moore

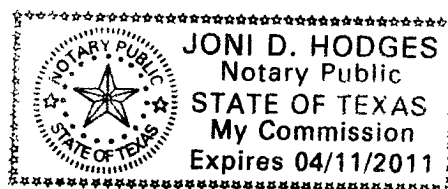
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on  
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

May 4, 2007, by Steve

Joni D. Hodges  
Notary Public for Midland County, Texas  
My Commission Expires: 4/11/11



## DISTRICT I

1625 N. FRENCH DR., BOHRS, 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

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-34521	Pool Code 74900	Pool Name Chosa Draw; Morrow (Gas)
Property Code	Property Name TRINITY 20 FEDERAL COM	Well Number 1
OGRID No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3430'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	20	25-S	26-E		1980	SOUTH	1580	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
Dedicated Acres 320	Joint or Infill Y	Consolidation Code P	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>GEODETC COORDINATES NAD 27 NME</p> <p>Y=405016.9 N X=506927.7 E</p> <p>LAT.=32°06'48.62" N LONG.=104°18'39.45" W</p>		<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Zeno Farris</i></p> <p>Signature Zeno Farris</p> <p>Printed Name Mgr Operations Admin</p> <p>Title June 13, 2007</p> <p>Date</p>
<p>Trinity 20 Fed Com #2</p> <p>660'</p> <p>1980'</p> <p>NM-104661</p>	<p>3440.7' 600' 3434.9'</p> <p>3422.0' 600' 3421.1'</p> <p>1580'</p> <p>1980'</p> <p>NM-92160</p> <p>Trinity 20 Fed Com #1</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>NOVEMBER 09, 2005</p> <p>Date Surveyed JR</p> <p>Signature &amp; Seal of Professional Surveyor <i>Ronald J. Eidson</i> 11/11/05 05.11.1757</p> <p>Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239</p>