


 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 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 _____		5 Lease Serial No NM-94839
2 Name of Operator Cimarex Energy Co of Colorado		6 If Indian, Allottee or Tribe Name
3 Address PO Box 140907, Irving, TX 75014		7 Unit or CA Agreement Name and No
3a Phone No (include area code) 972-443-6489		8 Lease Name and Well No Oracle 21 Federal No 1
4 Location of Well (Report Location clearly and in accordance with Federal requirements)*  At surface                               660' FNL & 660' FWL  At top prod interval reported below   660' FNL & 660' FWL  At total depth                           660' FNL & 660' FWL		9 API Well No 30-015-35110
10 Field and Pool, or Exploratory Chosa Draw, Morrow		11 Sec , T , R , M , on Block and Survey or Area 21-25S-26E
12 County or Parish Eddy		13 State NM

 SEP 19 2007  
 OCD-ARTESIA

14 Date Spudded 12 26 06	15 Date T D Reached 01 21 07	16 Date Completed 03 23 07 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod	17 Elevations (DF, RKB, RT, GL)* 3399' GR
18 Total Depth MD 12345' TVD	19 Plug Back TD MD 11765' TVD	20 Depth Bridge Plug Set MD 11800' TVD	
21 Type Electric & Other Mechanical Logs Run (Submit copy of each)  SDN, DLL		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	267'	NA	340 sx Prem Plus	11 9	0'	
12-1/4"	9-5/8" J-55	40	0	2700'	NA	975 sx IntC/PremPlus	11 9/14 8	0'	
8-3/4"	4-1/2" P-110	11 6	0	12345'	7976'	1150 sx IntH/SupH	11 9/13 0		
						1110 sx IntH/PremH	11 9/15 6	2342'	

24 Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-3/8"	11440'	11440'							

25 Producing Intervals				26 Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status	
A) Chosa Draw, Morrow	11202'	TD	11826'-11870' (TCP guns)	0 48	234	CIBP @ 11800' w/ 35' cmt	
B)			11662'-11742'	0 48	90	CBP @ 11590'	
C)			11485'-11500'	0 48	90	Producing	
D)							

27 Acid, Fracture, Treatment, Cement Squeeze, etc		Amount and Type of Material	
Depth Interval			
11662'-11742'		492 gal WF835 65Q CO2, 141 tons CO2, 48,353# Versaprop	
11485'-11500'		37,388 gal WF835 65Q CO2, 273 tons CO2, 164,371# Versaprop	

28 Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
03 23 07	03 26 07	24	→	0	32	6			Flowing
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
9/64	SI 2000	800	→					Flowing	

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 Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

SEP 14 2007

 JERRY FANT  
 PETROLEUM GEOLOGIST

\* (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
				Base Salt	1800
				Delaware	1837
				Bone Spring	5358
				FBSS	6286
				SBSS	7563
				TBSS	8118
				Wolfcamp	8461
				Cisco-Canyon	10137
				Strawn	10441
				Atoka	10640
				Morrow	11202
				Lower Morrow	11984

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 1  
 Signature *Natalie Krueger* Date June 11, 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

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

DISTRICT II  
811 South First, Artesia, NM 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999

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

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35110	Pool Code 74900	Pool Name Chosa Draw; Morrow (Gas)
Property Code	Property Name ORACLE "21" FEDERAL	Well Number 1
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3399'

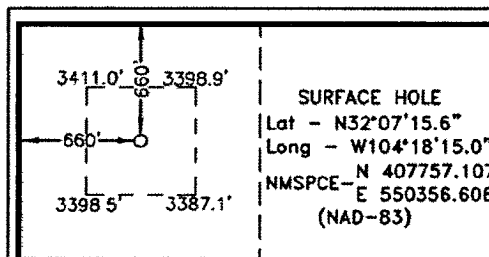
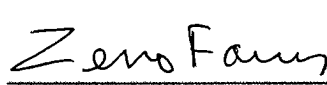
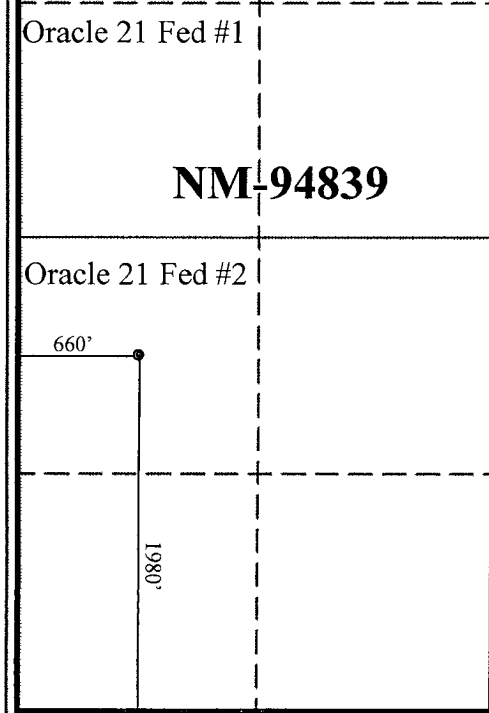
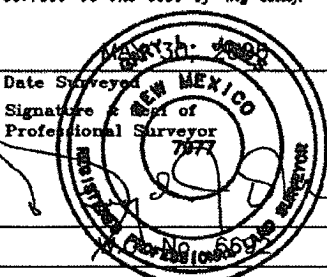
Surface Location

UL or lot No. D	Section 21	Township 25 S	Range 26 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 660	East/West line WEST	County EDDY
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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	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 HOLE Lat - N32°07'15.6" Long - W104°18'15.0" NAD83 N 407757.107 E 550356.606 NMSPCE-</p>			<b>OPERATOR CERTIFICATION</b>  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   Signature  Zeno Farris Printed Name  Mgr Operations Admin Title  06-11-07 Date
 <p>Oracle 21 Fed #2</p>			<b>SURVEYOR CERTIFICATION</b>  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.   Date Surveyed Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977  BASIN SURVEYS

OPERATOR CIMAREX / GRUY  
WELL/LEASE ORACLE 21 FED 1  
COUNTY EDDY, NM

080-0049


STATE OF NEW MEXICO  
DEVIATION REPORT

115	1 00
528	1 00
881	1 00
1,089	1 00
1,489	2 00
1,647	2 00
1,785	2 00
1,993	1 00
2,341	1.00
2,600	0 50
2,908	1 00
3,222	0 75
3,483	0 25
4,004	1.00
4,510	0 50
5,010	1 00
5,574	1 00
5,962	2 00
6,240	2 00
6,513	2 00
6,756	1 00
7,000	1 00
7,100	1 00
7,411	1.00
7,670	1 00
7,885	1 00
8,337	1.00
8,800	1.00
9,300	2 00
9,450	2.00
9,917	1 00
10,392	1 00
10,635	2 00
10,916	1.00
10,955	1 75
11,630	1 00
12,071	1 00
12,317	1 00

STATE OF TEXAS

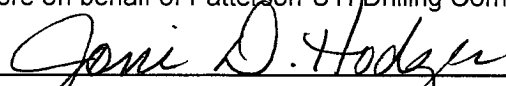
COUNTY OF MIDLAND

BY



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

July 16, 2007, by Steve

  
Notary Public for Midland County, Texas  
My Commission Expires 4/11/11

