

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

DISTRICT II  
4084 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 July 16, 2010

Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-39079 ✓	Pool Code 50270	Pool Name Penasco Draw; SA-Yeso
Property Code 38642 ✓	Property Name OKLAHOMA "32" FEE ✓	Well Number 3 ✓
OGRID No. 162683 ✓	Operator Name CIMAREX ENERGY CO. OF COLORADO ✓	Elevation 3403'

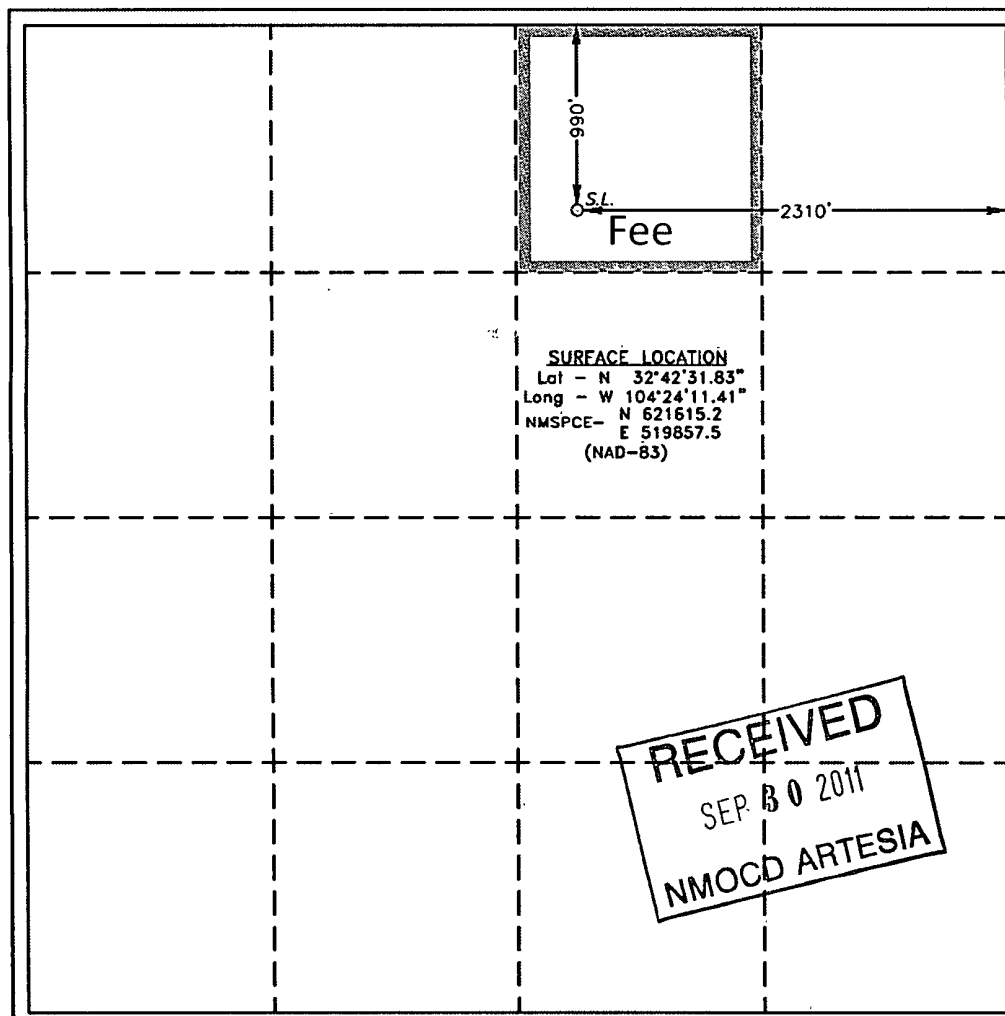
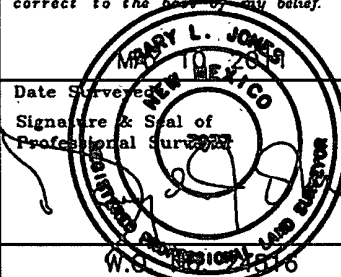
Surface Location

UL or lot No. B	Section 32	Township 18 S	Range 26 E	Lot Idn	Feet from the 990	North/South line NORTH	Feet from the 2310	East/West line EAST	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 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><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 unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this 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>Carolyn Larson</i> 9/27/2011 Signature Date</p> <p>Carolyn Larson Printed Name clarson@cimarex.com Email Address</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> Date Surveyed Signature &amp; Seal of Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977 BASIN SURVEYS 24516</p>
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# HOBBS OCD

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1900 Rio Hrazos Rd., Artec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	<b>JAN 30 2012</b> State of New Mexico Energy, Minerals and Natural Resources <b>RECEIVED</b> Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-39079 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____  b. Type of Completion NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. WELL OVER BACK RESVR. <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name  Oklahoma 32 Fee				
2. Name of Operator Cimarex Energy Co. of Colorado (162683)	8. Well No. 003				
3. Address of Operator 600 N. Marienfeld, Ste. 600 Midland, TX 79701	9. Pool name or Wildcat Penasco Draw; SA-Yeso Assoc.				
4. Well Location SHL: Unit Letter <u>B</u> <u>990</u> Feet From The <u>North</u> Line and <u>2310</u> Feet From The <u>East</u> Line Section <u>32</u> Township <u>18S</u> Range <u>26E</u> NMPM _____ County _____					
10. Date Spudded 08-19-11	11. Date T.D. Reached 08-28-11				
12. Date Compl. (Ready to Prod) 09-15-11	13. Elevations (DIF & RKB, RT, GR, etc.) 3403' GR				
15. Total Depth 3004'	16. Plug Back T.D.  				
17. If Multiple Compl. How Many Zones?  	18. Intervals Drilled By Rotary Tools Rotary				
19. Producing Interval(s), of this completion - Top, Bottom, Name Blinebry-Paddock 2342'-2897'					
20. Was Directional Survey Made No					
21. Type Electric and Other Logs Run  					
22. Was Well Cored No					
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36	953'	14 3/4"	600sx	
5 1/2"	17	3000'	7 7/8"	500sx, circulated 165sx	
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					2"
			2875'		
26. Perforation record (Interval, size, and number) 2710'-2897' .41" 37 holes 2342'-2678' .41" 41 holes			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC		
			DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED		
			2710' - 2897'      Frac w/ 461,182 lbs 40/70 sand & 1,310,622 gals slickwater		
			2342' - 2678'      Frac w/ 464,875 lbs 40/70 sand & 1,225,420 gals slickwater		
28. PRODUCTION					
Date First Production 09-21-2011		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping, submersible PC pump			Well Status (Prod or Shut-in) Producing
09-25-11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 241	Gas - MCF 30
				Water - Bbl. 1466	Gas - Oil Ratio 124
Flow Tubing Press	Casing Pressure	Calculated 24 Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
80	48		241	30	1466
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By
30. List Attachments C-102, Deviation Report					
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief					
Signature <u>Carolyn Larson</u>		Printed Name _____ Title _____		Reg Analyst _____ Date <u>9/27/2011</u>	
E-mail Address <u>cl Larson@Cimarex.com</u>					

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 165	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 865	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 2275	T. McKee	B. Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb 3840	T. Delaware	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo Shale	T. Yeso 2375	T. Wingate	T.
T. Wolfcamp		T. Chinle	T.
T. Penn		T. Permian	T.
T. Cisco (Bough C)		T. Penn "A"	T.

**OIL OR GAS  
SANDS OR ZONES**

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

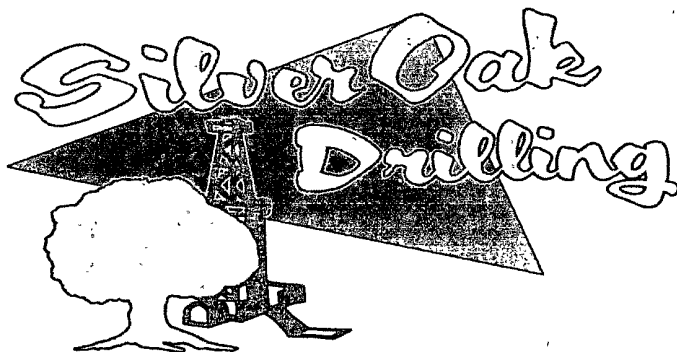
No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology



PO Box 1370  
Artesia, NM 88211-1370  
(575) 748-1288

August 25, 2011

Cimarex Energy Co.  
Attn: Jim Evans  
600 N. Marienfeld, Suite 600  
Midland, TX 79701

30-015-39079  
RE: Oklahoma 32 Fee #3  
990' FNL & 2310' FEL *ULB*  
Sec. 32, T18S, R26E  
Eddy County, New Mexico

Dear Sir,

The attached is the Deviation Survey for the above captioned well.

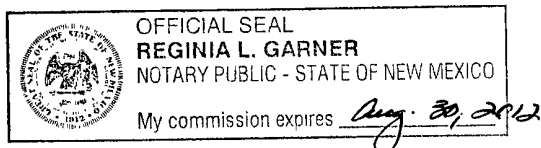
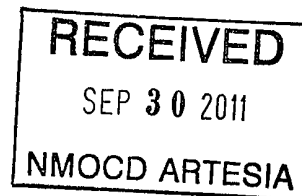
Very truly yours,

A handwritten signature in black ink, appearing to read "Eddie C. LaRue".

Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 25<sup>th</sup> day of August, 2011.

A handwritten signature in black ink, appearing to read "Regina L. Garner".  
\_\_\_\_\_  
Notary Public

# Pason DataHub Deviation Survey

# Well Dossier 1313682990 - Oklahoma 32 Fee #3

# Date	Depth	Deviation
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8/18/2011	327	1.20
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8/19/2011	572	1.10
-----------	-----	------

8/19/2011	817	1.30
-----------	-----	------

8/20/2011	944	1.00
-----------	-----	------

8/21/2011	1214	1.90
-----------	------	------

8/21/2011	1687	0.40
-----------	------	------

8/22/2011	2154	0.30
-----------	------	------

8/23/2011	2630	0.60
-----------	------	------

8/23/2011	2930	0.80
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# EOF

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State of New Mexico  
Energy, Minerals & Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised June 10, 2003

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Cimarex Energy Co. of Colorado 600 N. Marienfeld., Ste. 600 ✓ Midland, TX 79701		<sup>2</sup> OGRID Number 162683 ✓
		<sup>3</sup> Reason for Filing Code/ Effective Date NW / 09.15.11
<sup>4</sup> API Number 39079 30-015-39079	<sup>5</sup> Pool Name Penasco Draw; SA-Yeso Assoc.	<sup>6</sup> Pool Code 50270
<sup>7</sup> Property Code 38642 ✓	<sup>8</sup> Property Name Oklahoma 32 Fee ✓	<sup>9</sup> Well Number 003 ✓

II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	32	18S	26E		990	North	2310	East	Eddy ✓

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
21778	Sunoco Inc R&M PO Box 2039 Tulsa, OK		O ✓	
180055	Duke Energy Field Services 6120 S. Yale Ave. Ste 1100 Tulsa, OK		G ✓	

RECEIVED  
SEP 30 2011  
NMOCD ARTESIA

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description Same as above
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V. Well Completion Data

<sup>25</sup> Spud Date 08-19-11 ✓	<sup>26</sup> Ready Date 09-15-11	<sup>27</sup> TD 3004	<sup>28</sup> PBTD	<sup>29</sup> Perforations 2710'-2597' Paddock 2342'-2678' Blinebry	<sup>30</sup> DIHC, MC
<sup>31</sup> Hole Size 14 3/4"	<sup>32</sup> Casing & Tubing Size 9 5/8"	<sup>33</sup> Depth Set 953'	<sup>34</sup> Sacks Cement 600sx		
7 7/8"	5 1/2"	3000'	500sx		
	2 7/8"	2875'			

VI. Well Test Data:

<sup>35</sup> Date New Oil 09.21.11	<sup>36</sup> Gas Delivery Date Waiting on pipeline	<sup>37</sup> Test Date 09.25.11	<sup>38</sup> Test Length 24 hrs	<sup>39</sup> Tbg. Pressure 80	<sup>40</sup> Csg. Pressure 48
<sup>41</sup> Choke Size Open	<sup>42</sup> Oil 241	<sup>43</sup> Water 1466	<sup>44</sup> Gas 30	<sup>45</sup> AOF	<sup>46</sup> Test Method Producing

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Carolyn Larson

Printed name: Carolyn Larson

Title: Regulatory

E-mail Address: clarson@cimarex.com

Date: September 29, 2011 Phone: 432-620-1946

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

JAN 30 2012

dm