

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM-074937	
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.	
3. Address 600 N. Marienfeld St., Ste. 400; Midland, TX 79701		8. Lease Name and Well No. Poseidon 3 Federal No. 17	
3a. Phone No (include area code) 432-571-7800		9. API Well No 30-015-37794	
4. Location of Well (Report Location clearly and in accordance with Federal requirements)  At surface 435 FSL & 435 FEL  At top prod interval reported below  At total depth		10. Field and Pool, or Exploratory Loco Hills; Glorieta-Yeso	
14. Date Spudded 05.07.10		15. Date T.D. Reached 05.15.10	
16. Date Completed 06.13.10 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3725' GR	
18. Total Depth. 5624'		19. Plug Back TD. 5518'	
20. Depth Bridge Plug Set.		11. Sec., T, R., M., on Block and Survey or Area 3-17S-30E	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  SDL-DSN-DLL-MGRD-GR		12. County or Parish Eddy	
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)		13. State NM	

23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
16"	11%	42	0'	455'		400 sx C, 1" w 150 sx C		0'	
11	8%	24	0'	1286'		420 sx POZC/C		0'	
7%	5%	17	0'	5624'		720 sx POZC/PVL		0'	

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 3/4"	4667'								

25. Producing Intervals				26 Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status	
A) Blinebry	5020'	5310'	5020-5310	0.41	50	Open	
B) Paddock	4620'	4860'	4620-4860	0.41	45	Open	
C)							
D)							

27 Acid, Fracture, Treatment, Cement Squeeze, etc	
Depth Interval	Amount and Type of Material
5020-5310	2016 gal 15% HCl and 315372 gal Ladden Fluid w/ 29937# 100 mesh and 301100# 40/70 white sand
4620-4860	2016 gal 15% HCl and 1351145 gal slick water with 776046 gal Ladden Fluid w/ 40203# 100 mesh and 427440# 40/70 white sand

28. Production - Interval A										<div style="border: 2px solid black; padding: 5px; display: inline-block;"> <b>ACCEPTED FOR RECORD</b>   <b>SEP 27 2010</b>    <b>BUREAU OF LAND MANAGEMENT</b>  <b>CARLSBAD FIELD OFFICE</b> </div>
Date First Produced 06.13.10	Test Date 06.22.10	Hours Tested 24	Test Production →	Oil BBL 73	Gas MCF 50	Water BBL 276	Oil Gravity Corr. API 38.2	Gas Gravity (BTU) 1.365	Production Method Pumping	
Choke Size 24/64	Tbg Press Flwg 360	Csg Press. 140	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio 685	Well Status Producing		
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		

\* (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
				Glorieta Blinberry Tubb	4494' 5069' 5949'

## 32. Additional remarks (include plugging procedure):

06.09.10 Installed Baker 153 HP 2230v submersible pump.

## 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 C-102, Inclination report

## 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 RegulatorySignature Natalie Krueger Date September 9, 2010

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  
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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

☐ AMENDED REPORT

API Number 30-015-37794	Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code 37350	Property Name POSEIDON "3" FEDERAL	Well Number 17
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3729'

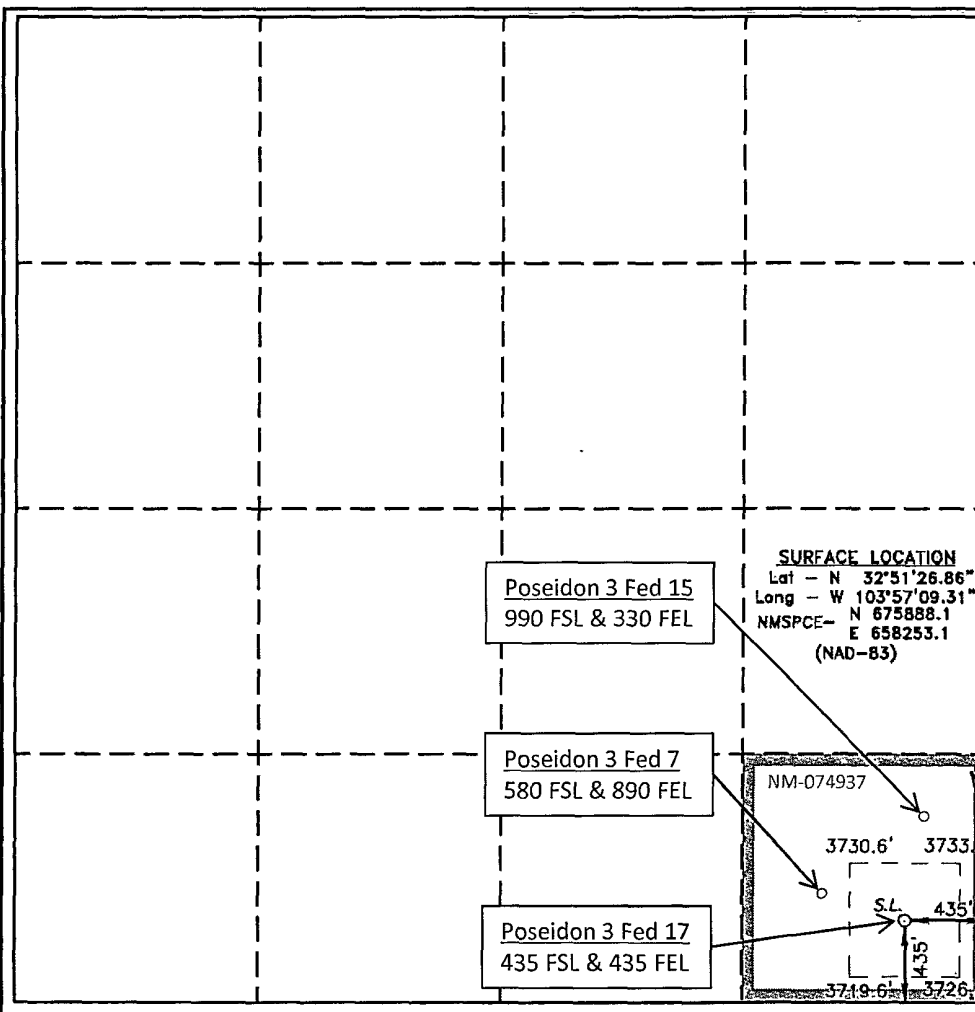
**Surface Location**

UL or lot No. P	Section 3	Township 17 S	Range 30 E	Lot Idn	Feet from the 435	North/South line SOUTH	Feet from the 435	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 I	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

	<b>OPERATOR CERTIFICATION</b>  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.  <u>Zeno Farris</u> Signature 9/5/2010 Date  Zeno Farris Printed Name
	<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.  GARY L. JONES NOVEMBER 18 2009 Date Surveyed Signature & Seal of Professional Surveyor Professional Surveyor Certificate No. Gary L. Jones 7977  BASIN SURVEYS



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

May 18, 2010

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

RE: Poseidon 3 Federal #17  
Eddy County, New Mexico

Dear Sir,

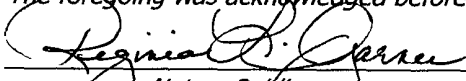
The attached is the Deviation Survey for the above captioned well.

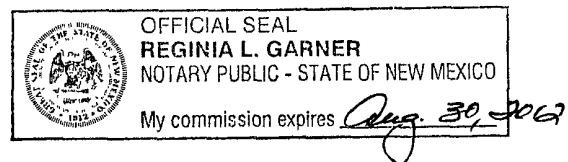
Very truly yours,

  
Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 18<sup>th</sup> day of May, 2010.

  
Notary Public



# Pason DataHub Deviation Survey 2010/06/18 14:03:31  
# Well Dossier 1273270499 - POSEIDON #3 FED# 17  
#

# Date	Depth	Deviation
5/10/2010	456	1.9
5/10/2010	670	1.2
5/10/2010	1101	0.2
5/12/2010	1497	0.5
5/12/2010	1933	0.4
5/12/2010	2369	0.2
5/12/2010	2797	0.8
5/13/2010	3334	0.4
5/13/2010	3832	0.6
5/14/2010	4330	0.1
5/15/2010	4829	0.3
5/15/2010	5322	0.2

# EOF