

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

5. Lease Serial No LC-065024									
6. If Indian, Allottee or Tribe Name									
7. Unit or CA Agreement Name and No.									
8. Lease Name and Well No Poseidon 3 Federal 4									
9. API Well No. 30-015-36570									
10. Field and Pool, or Exploratory Loco Hills; Glorieta, Yeso									
11. Sec., T., R., M., on Block and Survey or Area 3-17S-30E									
12. County or Parish Eddy				13. State NM					
17. Elevations (DF, RKB, RT, GL)* 3642' GL									
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		2. 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							
3. Name of Operator Cimarex Energy Co. of Colorado									
4. Address 5215 N. O'Connor Blvd ste 1500 Irving TX 75039			3a. Phone No. (include area code) 972-443-6489						
6. Location of Well (Report Location clearly and in accordance with Federal requirements)* At surface 1650' FSL & 1830' FWL At top prod interval reported below At total depth									
14. Date Spudded 09.17.08		15. Date T.D. Reached 09.28.08		16. Date Completed 12.12.08 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.					
18. Total Depth: TD 6,000'		19. Plug Back TD: TD 5,694'		20. Depth Bridge Plug Set. MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL-DII-CSNG DSN			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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
14 3/4"	11 3/4" H40	42	0'	455'		320 sx class HLPt		0'	
11"	8 7/8" J-55	24	0'	1260'		550 sx HLP/PP		0'	
7 7/8"	5 1/2" J55	17	0'	6000'		775 sx intfil H/PB		1290' CBL	
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 7/8"	5375'								
25. Producing Intervals				26. Perforation Record					
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf. Status	
A) Blinebry		4,973'	5,873'	5097'-5294'		0.41	38	Producing	
B) Blinebry		4,973'	5,873'	4850'-5050'		0.41	38	Producing	
C) Paddock		4,514'	4,973'	4610'-4775'		0.41	38	Producing	
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval		Amount and Type of Material							
		See Attachment							
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
10.23.08	12.13.08	24	→	6	74	445	37.22	1.24	Pumping
Choke Size	Tbg. Press Flwg	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
12/64	SI 200	50	→	6	74	445	12,333	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	
	SI		→						

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

Accepted for record - NMOCD

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.)

Gas flare testing waiting on pipeline 11-1-08 to 11-27-08 then 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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				Yates	1,339'
				Queen	2,195'
				San Andres	2,892'
				Paddock	4,514'
				Glorietta	4,445'
				Blinberry	4,973'
				Tubb	5,873'

32. Additional remarks (include plugging procedure):
•12.09.08 2 1/2" X 2 X 20' Quinn frac pump installed

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) Scott Haynes Title Regulatory Analyst
 Signature *Scott Haynes* Date January 8, 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

Poseidon 3 Federal 4

3-17S-30E

Eddy County, NM

Depth Interval	Amount and Type of Material Used
5097'-5294'	Dropped 50 RCBS (1.3 gr) spaced out, Pumped 1500 gals of 15% HCL. Pumped 50,000 # of 20/40 white sand, ramp from 1/4 to 3 PPG, 31,500# of 16/30 Siber (Hexion) prop@ 3 PPG, max pressure 3810Psi. Spot 1000 gals Hcl during flush
4850'-5050'	Pump 1500 gals of 15% HCL. Pumped 60,000 # of white sand, Ramp from 1/4 to 3 PPG, 31,500# of 16/30 Siber (Hexion) prop @ 3 PPG.
4610'-4775'	Pump 109 bbls of 15% HCL drop 36 balls. Flush with 112 bbls 15% HCL. Pumped 11,327 # of 16/30 white sand, Ramp from 1/3 to 3 PPG, 18,922# of 16/30 Siber (Hexion) prop @ 3 PPG.

DISTRICT I
1825 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 30-015-36570	Pool Code 96718	Pool Name Loco Hill; Glorietta-Yeso
Property Code	Property Name POSEIDON "3" FEDERAL	Well Number 4
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3720'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	3	17 S	30 E		1650	SOUTH	1830	WEST	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	Joint or Infill	Consolidation Code	Order No.
40	Y		

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 LOCATION Lat - N32°51'38.92" Long - W103°57'44.64" NMSPCE- N 677096.4 E 655235.3 (NAD-83)</p> <p>LC-065024</p> <p>2310'</p> <p>3725.8' 3726.1'</p> <p>1830'</p> <p>3716.0' 3714.8'</p> <p>1650'</p> <p>2310'</p> <p>Poseidon 3 Fed 12</p> <p>Poseidon 3 Fed 4</p>	<p>OPERATOR CERTIFICATION</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 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>01-08-09</p> <p>Signature _____ Date _____</p> <p>Scott Haynes</p> <p>Printed Name _____</p>
	<p>SURVEYOR CERTIFICATION</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 19 2008</p> <p>Date Surveyed _____</p> <p>Signature _____</p> <p>Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>

WELL NAME AND NUMBER Poseidon 3 Federal 4

LOCATION Section 3, T17S, R30E, 1650 FSL, 1830 FWL, Eddy County

OPERATOR Cimarex Energy

DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

	Degrees @ Depth	Degrees @ Depth
1 @ 206'	1/2 @ 4592'	
0 @ 420'	2 @ 5037'	
1-3/4 @ 949'	2 @ 5197'	
1-3/4 @ 1220'	1 @ 5644'	
1-3/4 @ 1452'	1-1/4 @ 5937'	
1-1/2 @ 1706'		
1-3/4 @ 1960'		
1-3/4 @ 2212'		
3 @ 2711'		
2 @ 2846'		
2 @ 2973'		
2 @ 3481'		
3 @ 3639'		
3 @ 3798'		
3 @ 4020'		
2-3/4 @ 4179'		
2 @ 4242'		

Drilling Contractor- UNITED DRILLING, INC.

By: _____

Luisa Noriega
Luisa Noriega

Title: _____

Asst. Office Mgr

Subscribed and sworn to before me this 3 day of October, 2008

Darryl A. Aho
Notary Public

Chaves, NM
County State

My Commission Expires:

10-8-08