

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMLC060524

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

POSEIDON 3 FEDERAL 019

2. Name of Operator

CIMAREX ENERGY CO. OF COLORADO

Contact: NATALIE E KRUEGER

Email: nkrueger@cimarex.com

9. API Well No.

30-015-37808

3a. Address

600 N. MARIENFELD ST., STE. 600
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-620-1936
Fx: 432-620-1940

10. Field and Pool, or Exploratory

LOCO HILLS; GLORIETA-YESO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 3 T17S R30E SESW 330FSL 2310FWL
32.85718 N Lat, 103.96084 W Lon

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

07-05-10 Perfed Blinebry 5100-5216 1 shot per 8' and 30 holes. Perfed Blinebry 5224-5460 1 shot per 8' and 30 holes.

07-06-10 Frac'd Blinebry 5100-5460 w/ 922,182 gal slickwater, 31,293# 100 Mesh sand, 301,020# 40/70 White sand. Set CBP @ 5010. Perfed Paddock 4918-4922 1 shot per 4' and 2 holes. Perfed Paddock 4663-4800 1 shot per 5' and 28 holes. Perfed Paddock 4560-4658 1 shot per 5' and 20 holes.

07-07-10 Frac'd addock 4560-4922 w/ 520,596 gal slickwater, 44,792# 100 Mesh sand, 4,884# 40/70 White sand.

07-09-10 DO CBP and CO to PBTD @ 5511.

07-10-10 TIH w/ 2-7/8" 6.5# J55 to 4569. Install Baker Hughes Centrlift 4" 62 HP 268 stage

sub-pump assembly. Turn over to production.

RECEIVED

NOV 18 2010

NMOCD ARTESIA

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #97443 verified by the BLM Well Information System
For CIMAREX ENERGY CO. OF COLORADO, sent to the Carlsbad**

Name (Printed/Typed) NATALIE E KRUEGER

Title REGULATORY

Signature (Electronic Submission)

Date 11/15/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC060524

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CIMAREX ENERGY CO. OF COLORADO			Contact: NATALIE E KRUEGER Email: nkrueger@cimarex.com		
3. Address 600 N. MARIENFELD ST., STE. 600 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-620-1936		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW 330FSL 2310FWL 32.85718 N Lat, 103.96084 W Lon At top prod interval reported below SESW 330FSL 2310FWL 32.85718 N Lat, 103.96084 W Lon At total depth SESW 330FSL 2310FWL 32.85718 N Lat, 103.96084 W Lon			8. Lease Name and Well No. POSEIDON 3 FEDERAL 019		
14. Date Spudded 06/07/2010			15. Date T.D. Reached 06/14/2010		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/10/2010			9. API Well No. 30-015-37808		
18. Total Depth: MD TVD 5622			19. Plug Back T.D.: MD TVD 5511		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory LOCO HILLS; GLORIETA-YESO		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL, DSN, GAMMA RAY			11. Sec., T., R., M., or Block and Survey or Area Sec 3 T17S R30E Mer NMP		
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 analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			12. County or Parish EDDY		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3730 GL		

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
16.000	11.750 H40	42.0	0	467		500		0	
11.000	8.625 J55	24.0	0	1329		420		0	
7.875	5.500 P110	17.0	0	5617		630		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)
2.875	4569							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY	5100	5460	5100 TO 5460	0.420	45	OPEN
B) PADDOCK	4560	4922	4560 TO 4922	0.420	50	OPEN
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5100 TO 5460	922,182 GAL SLICKWATER, 31,293# 100# MESH SAND, 301,020# 40/70 WHITE SAND
4560 TO 4922	520,596 GAL SLICKWATER, 44,792# 100 MESH SAND, 4,884# 40/70 WHITE SAND

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
07/12/2010	08/11/2010	24	→	93.0	184.0	189.0	38.1	1.27	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. 300 SI	Csg. Press. 80.0	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio 1979	Well Status POW	

28a. 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. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #97650 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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 BLINEBRY	4450 5023	5023 5905	SAND & DOLOMITE DOLOMITE & ANHYDRITE	GLORIETA BLINEBRY TUBB	4450 5023 5905

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #97650 Verified by the BLM Well Information System.
For CIMAREX ENERGY CO. OF COLORADO, sent to the Carlsbad**

Name (please print) NATALIE E KRUEGERTitle REGULATORY ANALYST

Signature _____ (Electronic Submission)

Date 11/17/2010

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

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 87605

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 15, 2009

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 30-015-37808	Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code 37350	Property Name POSEIDON "3" FEDERAL	Well Number 19
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3730'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	3	17 S	30 E		330	SOUTH	2310	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 40	Joint or Infill Y	Consolidation Code	Order No.
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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>POSEIDON 3 FED 3 250 FSL & 1330 FWL</p>			<p>POSEIDON 3 FED 22 1135 FSL & 1775 FWL</p>			<p>POSEIDON 3 FED 11 840 FSL & 2310 FWL</p>		
<p>POSEIDON 3 FED 19 330 FSL & 2310 FWL</p>								

SURFACE LOCATION
 Lot - N 32°51'25.85"
 Long - W 108°57'39.02"
 LC-060524 3721.3' 3737.5' NMSPC- E 655719.8
 (NAD-83)

OPERATOR CERTIFICATION

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.

Natalie Krueger 11/15/2010
 Signature Date

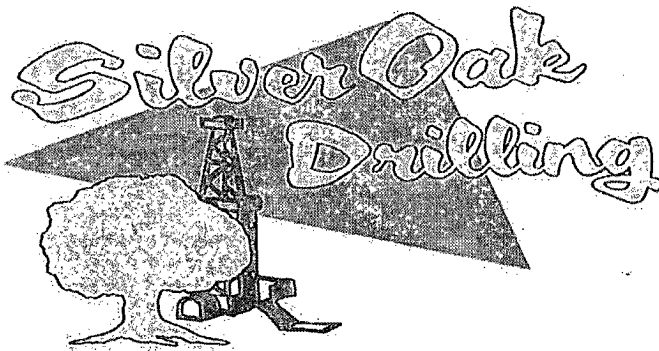
Natalie Krueger
 Printed Name

SURVEYOR CERTIFICATION

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 FEBRUARY 2010
 SIGNATURE & SEAL OF PROFESSIONAL SURVEYOR
 CERTIFICATE NO. Gary L. Jones 7977

BASIN SURVEYS



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

June 17, 2010

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

RE: Poseidon 3 Federal #19
330' FSL & 2310' FWL
Sec. 3, T17S, R30E
Eddy County, New Mexico

Dear Sir,

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

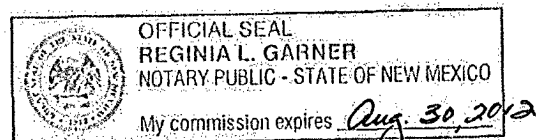
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 17th day of June, 2010.


Regina L. Garner
Notary Public



Pason DataHub Deviation Survey 2010/06/23 09:43:40

Well Dossier 1276019496 - POSEIDON #3 FED #19

#

#	Date	Depth	Deviation
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	6/10/2010	427	0.60
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	6/10/2010	796	0.50
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	6/11/2010	1261	0.90
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	6/12/2010	1747	0.40
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	6/12/2010	2244	0.40
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	6/12/2010	2742	0.30
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	6/13/2010	3241	0.50
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	6/13/2010	3739	0.30
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	6/13/2010	4327	0.60
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	6/13/2010	4735	0.90
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	6/14/2010	5234	0.40
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EOF