

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -  
1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

- NSL  
- Conocophillips  
217817  
Well  
- Emerald Redempt  
30-025-4123  
Pool  
- Malignant  
Yes, west  
44500

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

Rhonda Rogers  
Print or Type Name

Signature

Staff Regulatory Technician  
Title

03/20/2014  
Date

roggers@conocophillips.com  
e-mail Address

HOBBS OGD

## DISTRICT I

1685 N. French Dr., Hobbs, NM 88240

Phone (505) 686-8161 Fax (505) 686-0260

## DISTRICT II

811 S. First St., Artesia, NM 88210

Phone (505) 748-1283 Fax (505) 748-0728

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

Phone (505) 834-6178 Fax (505) 834-8170

## DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

Phone (505) 476-3488 Fax (505) 476-3482

JAN 18 2013

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102

Revised August 1, 2011

Submit one copy to appropriate  
District OfficeRECEIVED OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

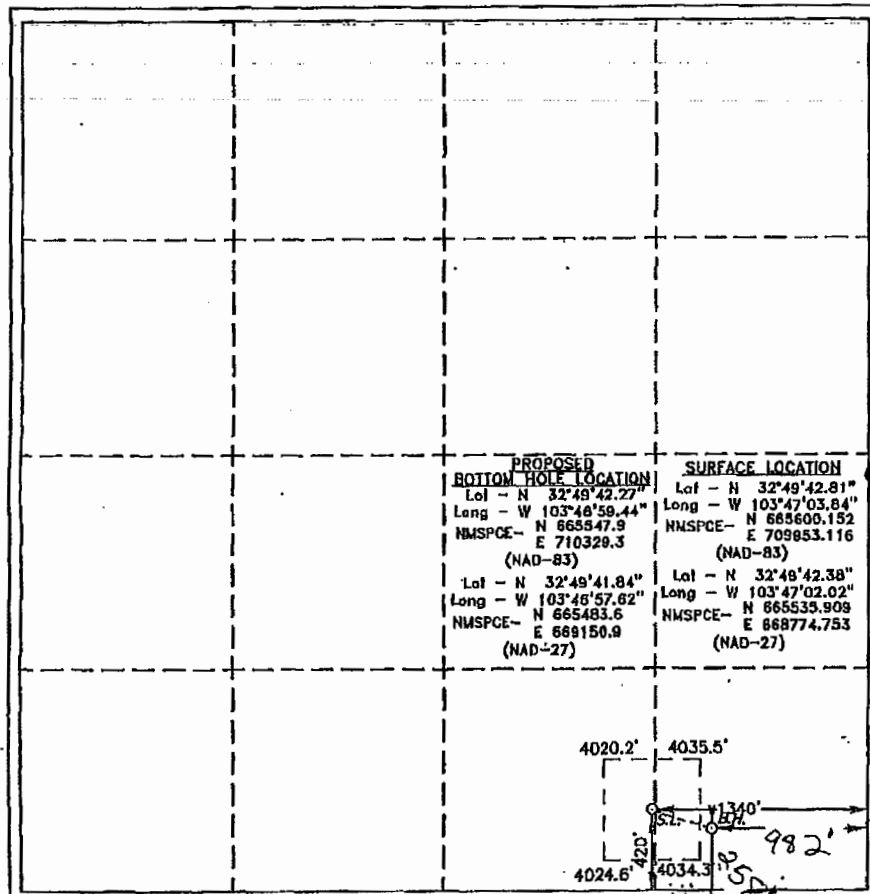
API Number <b>30-025-41231</b>	Pool Code <b>44500</b>	Pool Name <b>Maljamar; Yeso West</b>
Property Code <b>38742</b>	Property Name <b>EMERALD FEDERAL</b>	Well Number <b>9</b>
OGRID No. <b>217817</b>	Operator Name <b>CONOCO PHILLIPS</b>	Elevation <b>4032'</b>

## 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>0</b>	<b>17</b>	<b>17 S</b>	<b>32 E</b>		<b>420</b>	<b>SOUTH</b>	<b>1340</b>	<b>EAST</b>	<b>LEA</b>

## 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
<b>P</b>	<b>17</b>	<b>17 S</b>	<b>32 E</b>		<b>258</b>	<b>SOUTH</b>	<b>982</b>	<b>EAST</b>	<b>LEA</b>
Dedicated Acres <b>40</b>	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

## 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 of has a right to drill this well at the 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.

*Rhonda Rogers* 11/25/13  
Signature Date

Rhonda Rogers

Printed Name

rogerrs@conocophillips.com

Email Address

dmc

RECEIVED OGD

2014 MAR 20 A 2:11



Rhonda Rogers  
Staff Regulatory Technician  
Phone: (432) 688-9174

ConocoPhillips Company  
P.O. Box 51810  
Midland, TX 79710

March 20, 2014

State of New Mexico  
Oil Conservation Division  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

SUBJECT: REQUEST FOR UNORTHODOX LOCATION FOR EMERALD FEDERAL #9

Dear Sirs,

ConocoPhillips Company respectfully requests a non-standard location exception to drill the Emerald Federal #9 well. The lease is recorded as NM LC 060329. The wells surface located is in UL O, 420' from the south line and 1340' from the east line of Section 17, Township 17S, Range 32E, Lea County, New Mexico. The bottom hole footages is 258' FSL and 982' FEL which places the well closer than 330' from the lease line. This location was found to be the only one suitable for this well, that would allow us to reach our targeted production zone, while still protecting sand dune habitat deemed critical by the Bureau of Land Management biologist.

The spacing units adjacent to UL P:

- UL J & O in Section 17 are ConocoPhillips (NM LC 029405B)
- UL I in Section 17 are ConocoPhillips (LC 060329)
- UL L in Sec 16 are COG Operating, LLC (state lease)
- UL M in Sec 16 is Cimarex Energy Co of Colorado (state lease)
- UL A & B in Sec 20 are COG Operating, LLC (NM LC 029405A)
- UL D in Sec 21 is COG Operating, LLC (NM LC 029509A)

ConocoPhillips has 100% working interest in the Ruby & Emerald Federal lease. The attached list represents interested parties notified of this request via certified return receipt.

Enclosed are the following documents in support of this request.

- Administrative Application Checklist
- Copy of the New Mexico Form C-102
- Website Image of Emerald Federal Lease
- Letter from Geologist

The granting of this exception will prevent waste and minimize surface disturbance. If you have questions regarding this request, I can be reached at 432-688-9174 or via email at [rogerrs@conocophillips.com](mailto:rogerrs@conocophillips.com).

Sincerely,

A handwritten signature in black ink that reads "Rhonda Rogers".

Rhonda Rogers  
Staff Regulatory Technician  
ConocoPhillips Company



**Matthew S. Wasson**  
**Staff Geologist**  
Phone: (281) 206-5252

**ConocoPhillips Company**  
600 N. Dairy Ashford Rd., Office P10-4-4012  
Houston, TX 77079-1175

March 21, 2014

State of New Mexico  
Oil Conservation Division  
Attn: Mr. McMillan  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

**SUBJECT: ADDITIONAL INFORMATION NECESSARY TO APPROVE UNORTHODOX LOCATION FOR  
EMERALD FEDERAL #9**

Dear Sir,

ConocoPhillips Company has respectfully requested a non-standard location exception for the Emerald Federal #9 well. The lease is recorded as NM LC 060329. The well is located on the Ruby Lease (NMLC 029405B) UL O, 420' from the south line and 1340' from the east line of Section 17, Township 17S, Range 32E, Lea County, New Mexico. The bottom hole is located in UL P, 258' from the south line and 982' from the east line.

This letter serves to provide additional information the Engineering Bureau requires to approve our exception request. Our perforation interval is 5510'-6592' MD. This interval is entirely within UL P. The producing interval top is 355' FSL and 1100' FEL of Section 17, Township 17S, and Range 32E.

The granting of this exception will prevent waste and minimize surface disturbance.

This location was found to be the only one suitable for this well, that would allow us to reach our targeted production zone, avoid the hazard of the caliche pit, while still protecting sand dune habitat deemed critical by the Bureau of Land Management biologist.

If you have questions regarding this request, I can be reached at the telephone number above or via email at [Matt.S.Wasson@conocophillips.com](mailto:Matt.S.Wasson@conocophillips.com).

Sincerely,

**Matthew S. Wasson**  
**Staff Geologist**  
ConocoPhillips Company

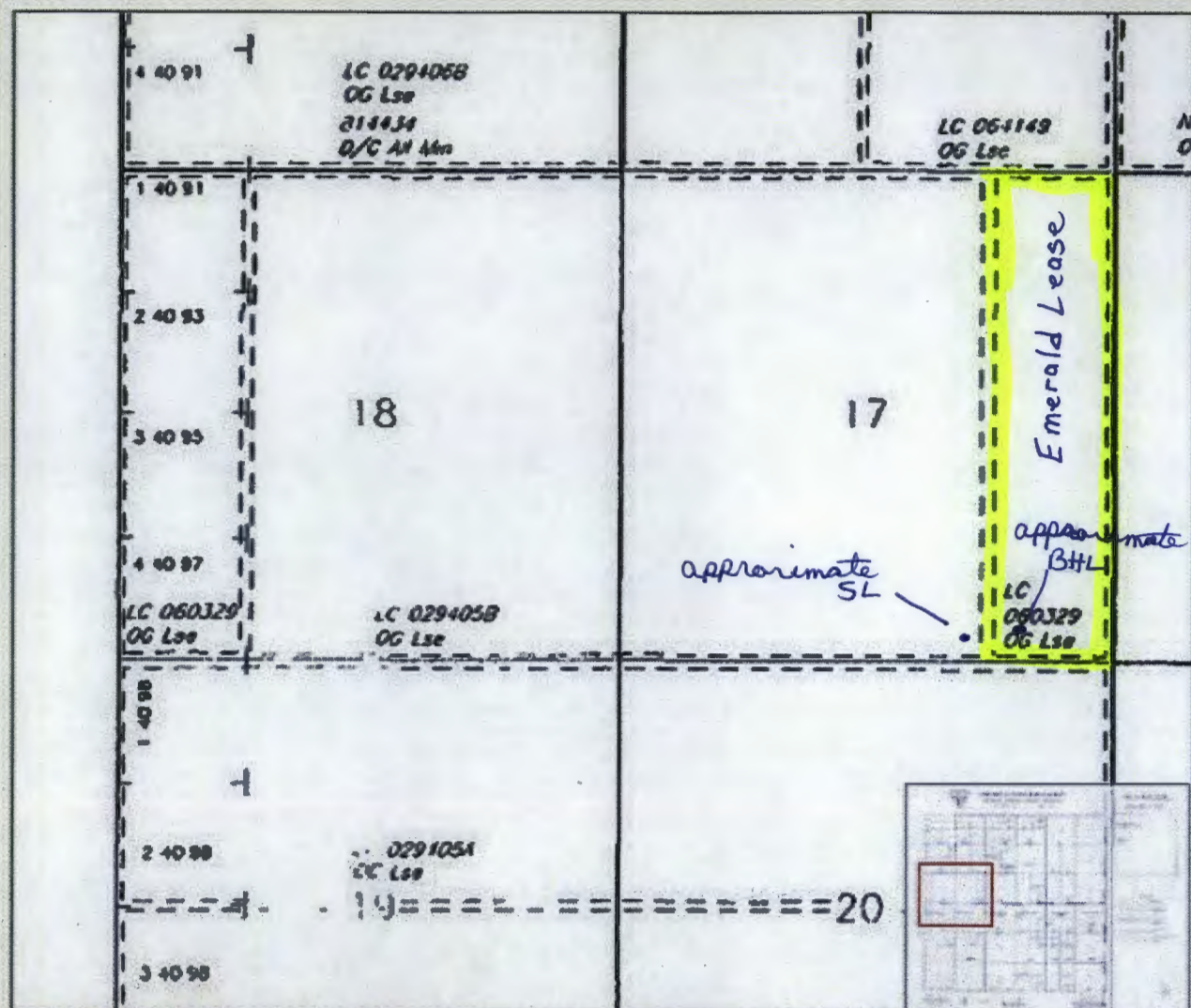


Land Status Record Details

Related Documents

Township / Range: 017.05 - 032.0E  
 Meridian: New Mexico Pm  
 State Office: New Mexico State Office  
 Pages: 1

Sheet: 1



50%

ZOOM VIEW

Javascript Viewer

Plugin Viewer

Basic Viewer



Note: You can download our LSR images directly by clicking one of the icons above.

Check out our Viewing And Printing Images Guide for more information.

**Interested Parties Notified via Certified Return Receipt**

Cimarex Energy Co.  
Steve Burke, Landman  
600 N Marienfeld St., Suite 600  
Midland, TX 79701

COG Operating, LLC  
ATTN: Sean Johnson  
600 West Illinois Ave.  
One Concho Center  
Midland, TX 79701

Bureau of Land Management  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220-6292



June 23, 2014

2014 JUN 23 PM 2:17

2014 JUN 23 PM 2:17

**HAND-DELIVERY**

Ms. Jami Bailey, Director  
Oil Conservation Division  
New Mexico Department of Energy, Minerals and Natural Resources  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

Re: Case Nos. 15119 and 15155 - ConocoPhillips Company's Applications for a Non-Standard Location for the Emerald Federal Well No. 9 and the Emerald Federal Well No. 1; and the SC Federal Well No. 10, Lea County, New Mexico.

Dear Ms. Bailey:

In Case No. 15119, ConocoPhillips Company ("COP") requested a non-standard location for its Emerald Federal Well No. 9, located in Section 17, Township 17 South, Range 32 East, NMPM, Lea County, New Mexico. This case was put on the New Mexico Oil Conservation Division's hearing docket after COG Operating LLC ("Concho") objected to the administrative application. Concho hereby withdraws its objection to this application.

In Case No. 15155, COP requested a non-standard location for its Emerald Federal Well No. 1, located in Section 17, Township 17 South, Range 32 East, NMPM, Lea County. COP filed this application directly to the hearing docket based on Concho's earlier objection to the Emerald Federal Well No. 9. Concho does not have an objection to this application.

It is Concho's understanding that COP will file an administrative application for the SC Federal Well No. 10, located in Section 22, Township 17 South, Range 32 East, NMPM, Lea County, New Mexico. Concho does not have an objection to this application.

Thank you for your time and attention to this matter.

Sincerely,

A handwritten signature in black ink that reads "Ocean Munds-Dry".  
Ocean Munds-Dry

cc: James Bruce

## Operator Copy

Form 3160-4  
(August 2007)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

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. NMLC060329	
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 CONOCOPHILLIPS COMPANY		7. Unit or CA Agreement Name and No.	
Contact: RHONDA ROGERS E-Mail: rogerrrs@conocophillips.com		8. Lease Name and Well No. EMERALD FEDERAL 9	
3. Address 3300 N "A" ST BLDG 6 MIDLAND, TX 79705		9. API Well No. 30-025-41231-00-S1	
3a. Phone No. (include area code) Ph: 432-688-0174		10. Field and Pool, or Exploratory MALJAMAR	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE 420FSL 1340FEL 32.494281 N Lat, 103.470384 W Lon At top prod interval reported below SWSE 321FSL 1095FEL 32.494281 N Lat, 103.470384 W Lon At total depth SESE 258FSL 982FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 17 T17S R32E Mer NMP	
14. Date Spudded 07/16/2013		15. Date T.D. Reached 09/08/2013	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/30/2013		17. Elevations (DF, KB, RT, GL)* 4032 GL	

18. Total Depth: MD 7043 TVD 7027	19. Plug Back T.D.: MD 7022 TVD 7006	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUT CEMENT BOND LOG		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)

## 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
12.250	8.625 J-55	24.0	0	858		595		0	
7.875	5.500 L-80	17.0	0	7022		1528		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	6692							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5423	5802	5510 TO 5530			PRODUCING
B) BLINEBRY	5802	6870	5968 TO 6592			PRODUCING
C)						
D)						

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

Depth Interval	Amount and Type of Material
5510 TO 5530	ACID W/3500 GALS 15% HCL, 11,921 GALS PAD 2660# 100 MESH, 133,420# 20/40 WHITE, 34,000# 20/40 RCP
5968 TO 6592	ACID W/6000 GALS 15% HCL, 16,987 GALS PAD, 6000# 100 MESH, 431,800# 20/40 WHITE, 53,360# 20/40 RCP

## 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
11/03/2013	11/13/2013	24	→	44.0	153.0	212.0	39.8		ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	40	88.0	→	44	153	212		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 #227958 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

RECLAMATION  
DUP 4.30.14



## 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
QUEEN	3072	3468			
GRAYBURG	3468	3835			
SAN ANDRES	3835	5353			
GLORIETTA	5353	5423			
BLINEBRY	5802	6870			
TUBB	6870				

## 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 #227958 Verified by the BLM Well Information System.  
For CONOCOPHILLIPS COMPANY, sent to the Hobbs  
Committed to AFMSS for processing by JOHNNY DICKERSON on 12/18/2013 (14JLD1007SE)

Name (please print) RHONDA ROGERSTitle STAFF REGULATORY TECHNICIAN

Signature \_\_\_\_\_ (Electronic Submission)

Date 11/25/2013

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

7002 2410 0001 5941 9412

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Restricted Delivery Fee (Endorsement Required)		
Total Post	COG Operating, LLC	
Sent To	Attn : Sean Johnson	
Street, Apt. or PO Box	600 West Illinois Ave.	
City, State	One Concho Center	
	Midland, TX 79701	
	<i>Emerald Fed 9 NSL</i>	

PS Form 3800, June 2002 See Reverse for Instructions

7002 2410 0001 5941 9405

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Sent To	Carlsbad Field Office	
Street, Apt. or PO Box	620 East Greene St	
City, State	Carlsbad, NM 88220-6292	
	<i>Emerald Fed 9 NSL</i>	

PS Form 3800, June 2002 See Reverse for Instructions

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Restricted Delivery Fee (Endorsement Required)		
Total Po	Cimarex Energy Co	
Sent To	Steve Burke, Landman	
Street, Ap or PO Box	600 N Marienfeld, St, Ste 600	
City, State	Midland, TX 79701	
	<i>Emerald Fed 9 NSL</i>	

PS Form 3800, June 2002 See Reverse for Instructions