

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNOV 25 2008  
**OCD-ARTESIA**FORM 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 NMLC056551A		
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 COG OPERATING LLC			7. Unit or CA Agreement Name and No.		
Contact KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com			8. Lease Name and Well No HOLDER CB FEDERAL 14		
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701			9. API Well No 30-015-35964		
3a. Phone No. (include area code) Ph. 432-685-4332			10. Field and Pool, or Exploratory LOCO HILLS:GLORIETA YESO		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot L 1650FSL 330FWL 32 84622 N Lat, 103 98398 W Lon At top prod interval reported below Lot L 1650FSL 330FWL 32.84622 N Lat, 103 98398 W Lon At total depth Lot L 1650FSL 330FWL 32 84622 N Lat, 103.98398 W Lon			11. Sec., T, R, M., or Block and Survey or Area Sec 9 T17S R30E Mer		
14. Date Spudded 09/10/2008			12. County or Parish EDDY		
15. Date T.D. Reached 09/22/2008			13. State NM		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 10/21/2008			17. Elevations (DF, KB, RT, GL)* 3680 GL		
18. Total Depth MD 5935 TVD			19. Plug Back T.D. MD 5926 TVD		
20. Depth Bridge Plug Set MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON 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 Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 500	13 375 H40	48 0		424		928		0	240
11 000	8 625 J55	32 0		1299		600		0	131
7.875	5.500 J55	17 0		5926		1100		0	184

## 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	5713							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) YESO	4374	4664	4374 TO 4664	0.410	36	OPEN
B) YESO	4950	5150	4950 TO 5150	0.410	36	OPEN
C) YESO	5240	5440	5240 TO 5440	0.410	36	OPEN
D) YESO	5510	5710	5510 TO 5710	0.410	48	OPEN

## 26. Perforation Record

Depth Interval	Amount and Type of Material
4374 TO 4664	ACIDIZED W/2500 GALS ACID FRAC W/100,332 GALS GEL, 112,600# 16/30 SAND, 13,633# SIBERPROP
4950 TO 5150	ACIDIZED W/2500 GALS ACID FRAC W/113,489 GALS GEL, 146,700# 16/30 SAND, 27,577# SIBERPROP
5240 TO 5440	ACIDIZED W/2500 GALS ACID FRAC W/117,121 GALS GEL, 146,300# 16/30 SAND, 31,563# SIBERPROP
5510 TO 5710	ACIDIZED W/2500 GALS ACID FRAC W/114,528 GALS GEL, 149,000# 16/30 SAND, 30,353# SIBERPROP

## 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
10/25/2008	10/30/2008	24	→	80 0	184 0	1298 0	38 5		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	
			→					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 #64927 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.)  
CAPTURED

## 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
YATES	1220				
7 RIVERS	1520				
QUEEN	2110				
SAN ANDRES	2840				
YESO	4370				
TUBB	5790				

32. Additional remarks (include plugging procedure):  
Logs will be mailed.

## 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 #64927 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 11/19/2008

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 \*\*

## State of New Mexico

## DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

Revised October 12, 2005  
Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

1625 S. ST. FRANCIS DR., SANTA FE, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35964	Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code 302504	Property Name HOLDER CB FEDERAL	Well Number 14
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3680'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	9	17-S	30-E		1650	SOUTH	330	WEST	EDDY

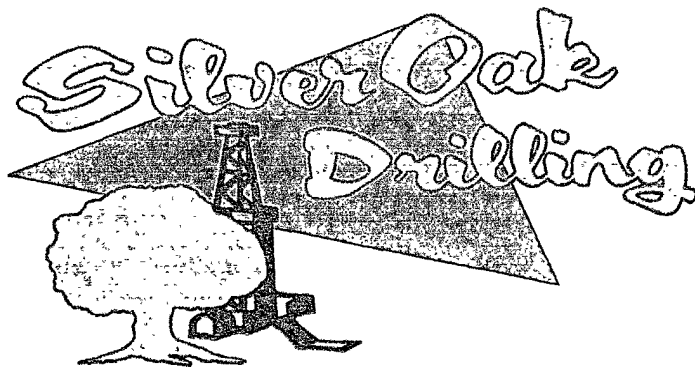
## Bottom Hole Location If Different From Surface

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	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><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> 9/28/07 Signature Date Diane Kuykendall Printed Name</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>SEPTEMBER 14, 2007</p> <p>Date Surveyed Signature &amp; Seal of Professional Surveyor <i>[Signature]</i> 9/24/07 3239</p>
	<p><b>GEODETIC COORDINATES</b> NAD 27 NME</p> <p>Y=671742.6 N X=607291.9 E</p> <p>LAT.=32.846218° N LONG.=103.983979° W</p>
	<p>Certificate No. GARY EIDSON 12641 RONALD EIDSON 3239</p>



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

September 30, 2008

COG, LLC  
Fasken Center, Tower II  
550 West Texas Ave, Suite 1300  
Midland, TX 79701

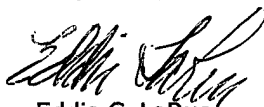
RE: Holder CB Federal #14  
1650' FSL & 330' FWL  
Sec. 9, T17S, R30E  
Eddy County, New Mexico

Dear Sir,

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

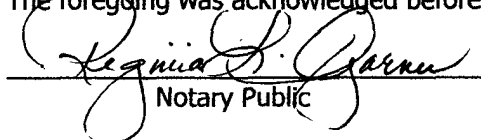
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
165.00	0.50	3215.00	1.00
375.00	0.50	3438.00	1.25
425.00	0.50	3627.00	0.75
766.00	0.75	2916.00	1.00
1010.00	1.00	4075.00	1.25
1260.00	1.00	4082.00	1.00
1557.00	1.00	3234.00	1.00
1877.00	1.00	4457.00	0.75
2195.00	0.75	4776.00	1.00
2480.00	1.00	5053.00	1.00
2769.00	1.25	5318.00	0.75
2958.00	1.00	5572.00	1.00

Very truly yours,

  
Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 30<sup>th</sup> day of September, 2008.

  
Notary Public

