

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 31 2010  
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 b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			5. Lease Serial No. NMNM0467931		
2 Name of Operator COG OPERATING LLC Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com			6. If Indian, Allottee or Tribe Name  7. Unit or CA Agreement Name and No.		
3 Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-685-4332		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 10 T17S R30E Mer NMP At surface SENW 1750FNL 2310FWL  At top prod interval reported below  At total depth			8. Lease Name and Well No. ELECTRA FEDERAL 14  9. API Well No. 30-015-35429-00-S1  10. Field and Pool, or Exploratory LOCO HILLS  11. Sec., T., R., M., or Block and Survey or Area Sec 10 T17S R30E Mer NMP  12. County or Parish EDDY  13. State NM		
14. Date Spudded 04/10/2008		15. Date T.D. Reached 04/22/2008		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/13/2008	
17. Elevations (DF, KB, RT, GL)* 3724 GL					
18. Total Depth MD TVD 6047		19. Plug Back T.D. MD TVD 5988		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)				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		438		1320		0	20
12 250	8.625 J55	32 0		1322		700		0	205
7 875	5.500 L80	17.0		6047		1100		0	216
17.500	13.375 H-40	48.0	0	438		1320		0	
11 000	8.625 J-55	32 0	0	1322		700		0	
7 875	5 500 L-80	17 0	0	6047		1100		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	4897							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) GLORIETA YESO			5000 TO 5200	0.420	36	OPEN
B) YESO	5570	5770	5300 TO 5500	0.420	36	OPEN
C)			5570 TO 5770	0.420	36	OPEN
D)						

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

Depth Interval	Amount and Type of Material
5000 TO 5200	ACIDIZE W/2,500 GALS HCL ACID FRAC W/65,000 GALS GEL, 85,541# 16/30 SAND, 16,077# SIBERPROP SAND
5300 TO 5500	ACIDIZE W/2,500 GALS HCL ACID FRAC W/63,000 GALS GEL, 69,326# 16/30 SAND, 20,798# SIBERPROP SAND
5570 TO 5770	ACIDIZE W/2,500 GALS HCL ACID FRAC W/63,000 GALS GEL, 38,064# 16/30 SAND, 20,495# SIBERPROP 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
05/21/2008	05/25/2008	24	→	153.0	101 0	237 0	38 6		ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL 153	Gas MCF 101	Water BBL 237	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 #61562 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

JUL 31 2008

OGD-ARTESIA

## 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
YATES QUEEN SAN ANDRES YESO TUBB	1355 2260 2990 4510 5895				

## 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 #61562 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 07/21/2008 (08KMS2245SE)

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/18/2008

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.

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

**DISTRICT II**  
1201 W. GRAND AVENUE, ANTERIA, NM 88210

**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

**DISTRICT III**  
1000 Rio Brasas Rd., Aztec, NM 87410

**DISTRICT IV**  
1220 E. ST. FRANCIS BUL., SANTA FE, NM 87505

# WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-05429	Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code 302483	Property Name ELECTRA FEDERAL	Well Number 14
OCRD No. 229137	Operator Name COG OPERATING, LLC	Elevation 3724'

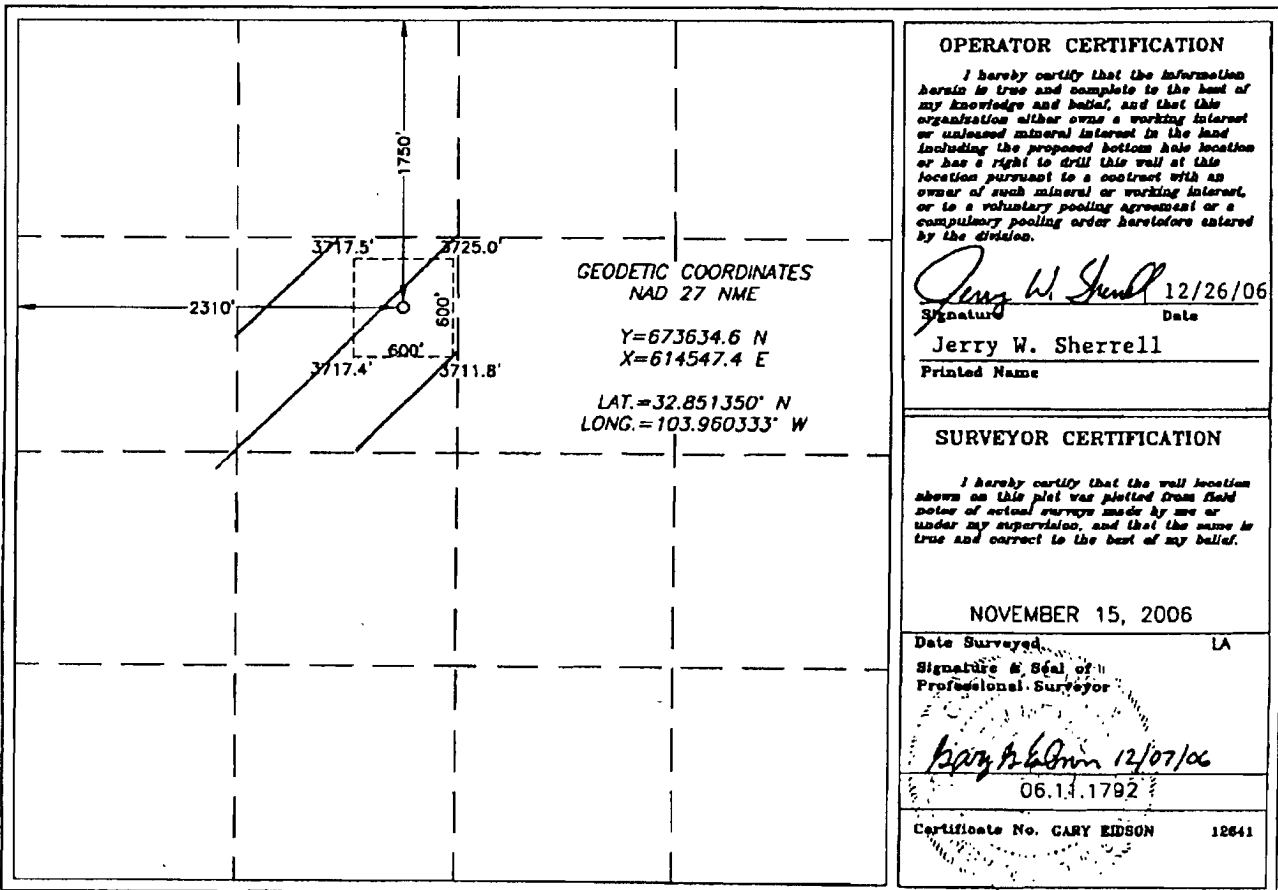
### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	10	17-S	30-E		1750	NORTH	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	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





PO Box 1370  
JUL 31 2008  
Artesia, NM 88211-1370  
OCD-ARTESIA

May 5, 2008

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

RE: Electra Federal #14  
1750' FNL & 2310' FWL  
Sec. 10, T17S, R30E  
Eddy, New Mexico

Dear Sir,

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

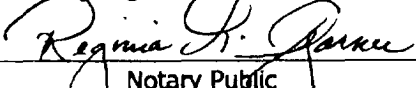
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
481.00	1.00	3323.00	1.00
778.00	0.75	3674.00	1.00
1096.00	0.75	3990.00	0.50
1323.00	0.50	4400.00	1.00
1637.00	0.50	4754.00	1.00
1989.00	0.50	5103.00	1.00
2368.00	0.50	5453.00	1.00
2687.00	1.00	5977.00	0.75
3004.00	0.50		

Very truly yours,

Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 5<sup>th</sup> day of May, 2008.

  
Notary Public

