

FORM APPROVED  
OMBNO 1004-0137  
Expires: March 31, 2007

5 Lease Serial No. **NM-074935**

ACCEPTED FOR RECORD

Pumping \_\_\_\_\_

Producing \_\_\_\_\_

Production Method FEB 18 2008

*[Signature]*

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

## 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
<b>Yates</b>	<b>1270</b>				
<b>7 Rivers</b>	<b>1570</b>				
<b>Queen</b>	<b>2180</b>				
<b>San Andres</b>	<b>2910</b>				
<b>Paddock</b>	<b>4430</b>				
<b>Tubb</b>	<b>5880</b>				

## 32. Additional remarks (include plugging procedure).

## 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) **Kanicia Carrillo**Title **Regulatory Analyst**

Signature

Date **02/12/2008**

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

DISTRICT I  
1825 N. FRENCH DR., BOBBS, 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

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

RECEIVED

JUL 09 2007

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35780	Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code 302483	Property Name ELECTRA FEDERAL	Well Number 17
OCRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3701'

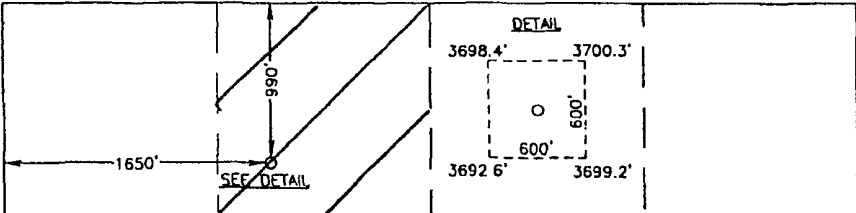
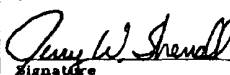
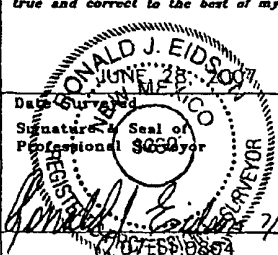
Surface Location

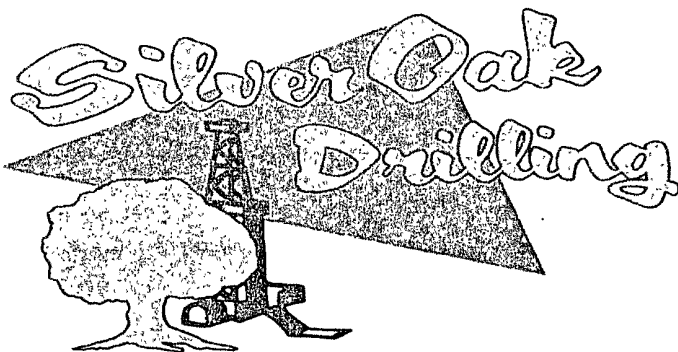
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	15	17-S	30-E		990	NORTH	1650	WEST	EDDY

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

 <p>DETAIL 3698.4' 3700.3' 600' 600' 3692.6' 3699.2'</p> <p>SEE DETAIL</p> <p>GEODETIC COORDINATES NAD 27 NME Y=669114.1 N X=613903.5 E LAT.=32.838931° N LONG.=103.962481° W</p>	<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> 7/17/07 Signature Date Jerry W. Sherrell 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> Date Surveyed Signature Seal of Professional Surveyor RONALD J. EIDSON 7/06/07 Professional Surveyor No. 32864</p> <p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>
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PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

December 19, 2007

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

RE: Electra Federal #7  
990' FNL & 1650' FWL  
Sec. 15, 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>TVD</u>	<u>DEPTH</u>	<u>DEVIATION</u>	<u>TVD</u>
250.00	1.00	272.00	2784.00	1.00	2854.00
354.00	1.00		3069.00	0.75	3140.00
500.00	0.75	529.00	3373.00	0.50	3426.00
703.00	0.75		3673.00	0.75	3744.00
888.00	0.50		3970.00	1.00	4031.00
1075.00	1.00		4277.00	0.75	4348.00
1300.00	1.00	1341.00	4557.00	1.00	4634.00
1608.00	0.25	1679.00	4877.00	1.00	4953.00
1862.00	0.25	1932.00	5477.00	0.50	5556.00
2173.00	0.75	2218.00	5803.00	0.50	5874.00
2473.00	0.25	2504.00			

Very truly yours,

Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 19<sup>th</sup> day of December, 2007.

  
Notary Public