

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies 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 87505		State of New Mexico Energy, Minerals and Natural Resources  Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003	
WELL API NO.		30-015-35914			
5. Indicate Type of Lease		STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			
State Oil & Gas Lease No.					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____			7 Lease Name or Unit Agreement Name  Tex-Mack		
b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF WELL OVER BACK RESVR <input type="checkbox"/> OTHER _____					
2 Name of Operator  COG Operating LLC			8 Well No.  202		
3 Address of Operator  550 W. Texas Ave., Suite 1300 Midland, TX 79701			9. Pool name or Wildcat  Fern; Glorieta-Yeso, East 97213		
4 Well Location Unit Letter N 990 Feet From The South Line and 1650 Feet From The West Line Section 2 Township 17S Range 31E NMPM County Eddy					
10 Date Spudded 12/04/07		11 Date T D Reached 12/23/07		12. Date Compl (Ready to Prod.) 1/18/08	
13 Elevations (DF& RKB, RT, GR, etc ) 3967 GR		14. Elev Casinghead			
15 Total Depth 6734		16 Plug Back T D 6707		17 If Multiple Compl How Many Zones? 18 Intervals Drilled By Rotary Tools Cable Tools X	
19 Producing Interval(s), of this completion - Top, Bottom, Name 5610 - 6505 Yeso				20 Was Directional Survey Made No	
21 Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS				22. Was Well Cored No	
23. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT LB./FT		DEPTH SET	
13-3/8		48		755	
8-5/8		32		1819	
5-1/2		17		6729	
24. LINER RECORD					
SIZE		TOP		BOTTOM	
25. TUBING RECORD					
SIZE		DEPTH SET		PACKER SET	
2-7/8		6499			
26 Perforation record (interval, size, and number)					
5610 - 5716 - 2 SPF, 36 holes		Open			
5822 - 6022 - 2 SPF, 36 holes		Open			
6102 - 6216 - 2 SPF, 36 holes		Open			
6303 - 6505 - 2 SPf, 48 holes		Open			
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
5610 - 5716		See Attachment			
5822 - 6022		See Attachment			
6102 - 6505		See Attachment			
6303 - 6505		See Attachment			
28 PRODUCTION					
Date First Production 1/28/08		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping using a 2-1/2" x 2" x 20' RHTC pump			Well Status (Prod or Shut-in) Producing
Date of Test 2/01/08		Hours Tested 24		Choke Size	
Flow Tubing Press		Casing Pressure		Calculated 24-Hour Rate	
Oil - Bbl 45		Gas - MCF 69		Water - Bbl 261	
Oil - Bbl		Gas - MCF		Water - Bbl	
Oil Gravity - API - (Corr ) 36.2					
29 Disposition of Gas (Sold, used for fuel, vented, etc ) SOLD					Test Witnessed By Kent Greenway
30 List Attachments Logs, C102, C103, Deviation Report, C104					
31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief					
Signature K. Carrillo		Printed Name Kanicia Carrillo		Title Regulatory Analyst	
E-mail Address kcarrillo@conchoresources.com		432-685-4332		Date 03/03/08	

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 1970	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 2290	T. Devonian	T. Menefee	T. Madison
T. Queen 2910	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3640	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 6565	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Yeso 5190	T. Wingate	T.
T. Wolfcamp	T. Mississippian	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

DISTRICT I  
1025 N. FRANCES DR., BOHRS, NM 80240

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III  
1000 Rio Brason 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

RECEIVED

JUL 09 2007

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35781		Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code 302483	Property Name ELECTRA FEDERAL		Well Number 19
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3700'

Surface Location

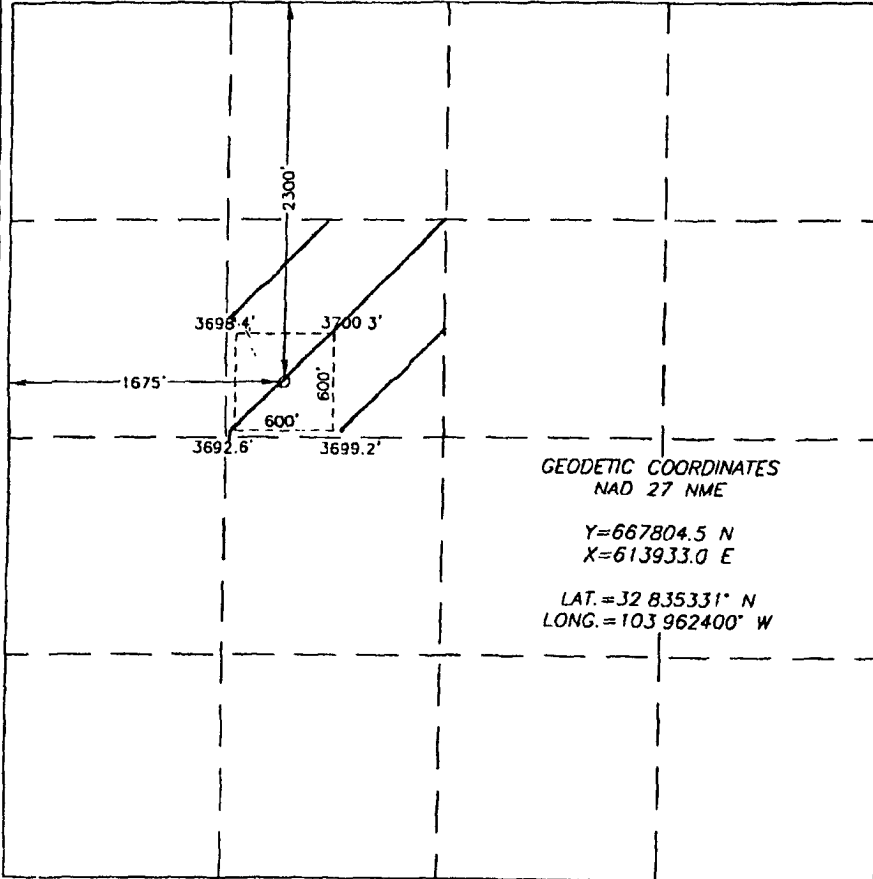
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	15	17-S	30-E		2300	NORTH	1675	WEST	EDDY

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	Joint or Infill	Consolidation Code	Order No.
40			

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>GEODETIC COORDINATES NAD 27 NME Y=667804.5 N X=613933.0 E LAT.=32 8.35331' N LONG.=103 962400' 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><i>Jerry W. Sherrell</i> 7/18/07 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><i>Ronald J. Eidson</i> 7/06/07 Signature Date Professional Surveyor 3239</p>
	<p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>



PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

January 2, 2008

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

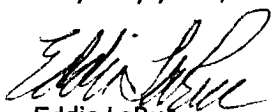
RE: Electra Federal #19  
2300' FNL & 1675' FWL  
Sec. 15, T17S, R30E  
Eddy County, New Mexico

Dear Sir,

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

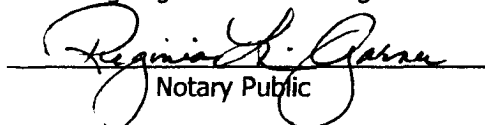
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
234.00	0.25	3007.00	1.00
520.00	0.25	3355.00	0.25
862.00	1.25	3609.00	0.25
1100.00	1.50	3955.00	0.50
1320.00	1.50	4246.00	1.00
1640.00	0.75	4555.00	0.50
1920.00	0.75	4855.00	0.50
2100.00	1.00	5199.00	0.50
2420.00	0.75	5499.00	0.50
2720.00	1.00	5803.00	0.75

Very truly yours,

  
Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 2<sup>nd</sup> day of January, 2008.

  
Notary Public

