

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	<div style="text-align: right;"> FEB - 3 2009 Form C-105 Revised June 10, 2003 </div> WELL API NO. 30-015-32059 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No. E-4201
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

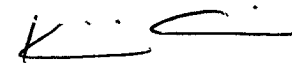
1a Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b Type of Completion NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG <input type="checkbox"/> DIFF <input type="checkbox"/> WELL OVER BACK RESVR <input type="checkbox"/> OTHER _____ 2 Name of Operator COG Operating LLC 3 Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701 4 Well Location Unit Letter <u>3</u> <u>2310</u> Feet From The <u>South</u> Line and <u>550</u> Feet From The <u>West</u> Line Section <u>19</u> Township <u>17S</u> Range <u>29E</u> NMPM Eddy County 10 Date Spudded <u>11/08/01</u> 11. Date T D Reached <u>09/04/08</u> 12 Date Compl. (Ready to Prod.) <u>09/29/08</u> 13 Elevations (DF& RKB, RT, GR, etc) <u>3686' GR</u> 14 Elev Casinghead 15 Total Depth <u>5303</u> 16 Plug Back T D <u>5228</u> 17 If Multiple Compl How Many Zones? _____ 18. Intervals Drilled By _____ Rotary Tools _____ Cable Tools _____ 19 Producing Interval(s), of this completion - Top, Bottom, Name <u>4370 - 5130 - Blinbry</u> 20 Was Directional Survey Made <u>No</u> 21 Type Electric and Other Logs Run Photo Density Gamma Ray, Neutron/HNGS, Hi-Res Laterolog 22 Was Well Cored <u>No</u>	7 Lease Name or Unit Agreement Name State S-19 8. Well No 19 9 Pool name or Wildcat Empire; Glorieta-Yeso 96210
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23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	325	12 1/4	325 sxs	None
5 1/2	17#	4218	7 7/8	1230 sxs	None
4	11.3#	4130'	4 3/4	120 sxs	None
					42 sxs

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4142	

26 Perforation record (interval, size, and number) CHANGE THESE TO CONT 12 PERFS 3822.5 - 4141.5 Squeezed Off 4370 - 4570, 2 SPF, 32 holes 4650 - 4850, 2 SPF, 32 holes 4935 - 5130, 2 SPF, 42 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th><th>AMOUNT AND KIND MATERIAL USED</th></tr> <tr> <td>4270 - 4570</td><td>See Attached</td></tr> <tr> <td>4650 - 4850</td><td>See Attached</td></tr> <tr> <td>4935 - 5130</td><td>See Attached</td></tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4270 - 4570	See Attached	4650 - 4850	See Attached	4935 - 5130	See Attached
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED								
4270 - 4570	See Attached								
4650 - 4850	See Attached								
4935 - 5130	See Attached								

28. PRODUCTION							
Date First Production 10/07/08		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2"x1 1/2"x16' RHTC Pump			Well Status (Prod. or Shut-in) Producing		
Date of Test 10/13/08	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 30	Gas - MCF 7	Water - Bbl 30	Gas - Oil Ratio 233
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr) 38.1	
29 Disposition of Gas (Sold, used for fuel, vented, etc) Sold						Test Witnessed By Kent Greenway	

30 List Attachments C-104, C-103, Frac Info, Logs			
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  E-mail Address kcarrillo@conchoresources.com	Printed Name Kanicia Carrillo	Title Regulatory Analyst	Date 10/14/08

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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 754'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 1010'	T. Devonian	T. Menefee	T. Madison
T. Queen 1571'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2274	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3717	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. Yeso	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

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

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

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

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

IMPORTANT WATER SANDS

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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

State S-19 #19
API#: 30-015-32059
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4370 - 4570	Acidize w/2500 gals 15% HCL
	Frac w/128,319 gal 20# lightning; 146,660#
	16/30 sand, 33,472# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4650 - 4850	Acidize w/3500 gal 15% HCL
	Frac w/126,358 gal 20# Lightning; 147,092#
	16/30 sand, 30,069# 20/40 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4930 - 5130	Acidize w/3500 gals 15% HCL
	Frac w/125,749 gal 20# Lightning; 154,477#
	16/30 sand, 26,749# 20/40 sand.

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-32059	² Pool Code 96210	³ Pool Name Empire; Glorieta, Yeso
⁴ Property Code 302569	⁵ Property Name State S-19	
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING LLC	
		⁶ Well Number 19
		⁹ Elevation 3686

¹⁰ Surface Location									
UL or lot no. 3	Section 19	Township 17S	Range 29E	Lot Idn	Feet from the 2310	North/South line South	Feet from the 550	East/West line West	County Eddy

¹¹ 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
¹² Dedicated Acres 27.40	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ 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

					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Kanicia Carrillo Printed Name Regulatory Analyst Title and E-mail Address 10/14/08 Date
					¹⁸ SURVEYOR CERTIFICATION <i>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</i> Referred Original Plat Date of Survey Signature and Seal of Professional Surveyor
					Certificate Number

[Handwritten signature]