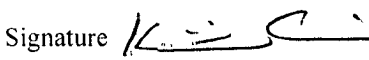


<div>Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N French Dr , Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd , Aztec, NM 87410 District IV 1220 S St Francis Dr , Santa Fe, NM 87505</div>		<div>State of New Mexico Energy, Minerals and Natural Resources  Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505</div>		<div>Form C-105 Revised June 10, 2003</div> <div>WELL API NO. <b>30-015-35922</b></div> <div>5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></div> <div>State Oil &amp; Gas Lease No.</div>	
<div>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</div>					
<div>1a Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/></div> <div>b Type of Completion NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/></div>				<div>7 Lease Name or Unit Agreement Name  <b>STATE S-19</b></div>	
<div>2 Name of Operator <b>COG Operating LLC</b></div>				<div>8 Well No. <b>33</b></div>	
<div>3 Address of Operator <b>550 W. Texas Ave., Suite 1300 Midland, TX 79701</b></div>				<div>9. Pool name or Wildcat <b>EMPIRE GLORIETA; YESO 96210</b></div>	
<div>4 Well Location Unit Letter <b>L</b> <b>1650</b> Feet From The <b>South</b> Line and <b>1250</b> Feet From The <b>West</b> Line Section <b>19</b> Township <b>17S</b> Range <b>29E</b> NMPM County <b>Eddy</b></div>					
<div>10 Date Spudded <b>12/27/07</b></div>		<div>11 Date T.D Reached <b>1/10/08</b></div>		<div>12 Date Compl (Ready to Prod ) <b>1/29/08</b></div>	
<div>13 Elevations (DF&amp; RKB, RT, GR, etc ) <b>3668' GR</b></div>		<div>14. Elev Casinghead</div>			
<div>15 Total Depth <b>5419</b></div>		<div>16 Plug Back T.D <b>5378</b></div>		<div>17 If Multiple Compl How Many Zones? <b>1</b></div>	
<div>18 Intervals Drilled By <b>X</b></div>		<div>Rotary Tools</div>		<div>Cable Tools</div>	
<div>19 Producing Interval(s), of this completion - Top, Bottom, Name <b>4455 - 5120 Yeso</b></div>				<div>20 Was Directional Survey Made <b>No</b></div>	
<div>21 Type Electric and Other Logs Run <b>CN / HNGS, Micro CFL / HNGS</b></div>				<div>22 Was Well Cored <b>No</b></div>	
<div>23. CASING RECORD (Report all strings set in well)</div>					
CASING SIZE		WEIGHT LB./FT.		DEPTH SET	
8-5/8		24		302	
5-1/2		17		5418	
<div>24. LINER RECORD</div>					
SIZE		TOP		BOTTOM	
<div>25. TUBING RECORD</div>					
SIZE		DEPTH SET		PACKER SET	
2-7/8		5123.17			
<div>26. Perforation record (interval, size, and number)</div>					
<b>4455 - 4655 - 2 SPF, 36 holes Open</b>					
<b>4750 - 4850 - 2 SPF, 36 holes Open</b>					
<b>4920 - 5120 - 2 SPF, 36 holes Open</b>					
<div>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</div>					
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
4455 - 4655		See attachment			
4750 - 4850		See attachment			
4920 - 5120		See attachment			
<div>28. PRODUCTION</div>					
Date First Production <b>1/30/08</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>2-1/2 x 2 x 20' pump</b>			Well Status (Prod or Shut-in) <b>Producing</b>
Date of Test <b>2/10/08</b>		Hours Tested <b>24</b>	Choke Size	Prod'n For Test Period	Oil - Bbl <b>111</b>
					Gas - MCF <b>143</b>
					Water - Bbl. <b>219</b>
					Gas - Oil Ratio <b>776</b>
Flow Tubing Press		Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF
					Water - Bbl
					Oil Gravity - API - (Corr.) <b>39.4</b>
<div>29. Disposition of Gas (Sold, used for fuel, vented, etc ) <b>SOLD</b></div>					<div>Test Witnessed By <b>Kent Greenway</b></div>
<div>30 List Attachments <b>Logs, C102, C103, Deviation Report, C104</b></div>					
<div>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</div>					
Signature 		Printed Name <b>Kanicia Carrillo</b>		Title <b>Regulatory Analyst</b>	
E-mail Address <b>kcarrillo@conchoresources.com</b>		Date <b>03/03/08</b>			

# 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 <b>750</b>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers <b>1010</b>	T. Devonian	T. Menefee	T. Madison
<b>T. Queen 1580</b>	T. Silurian	T. Point Lookout	T. Elbert
<b>T. Grayburg</b>	T. Montoya	T. Mancos	T. McCracken
<b>T. San Andres 2270</b>	T. Simpson	T. Gallup	T. Ignacio Otzte
<b>T. Glorieta</b>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb <b>5230</b>	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	<b>T. Yeso 3790</b>	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.

## 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 #33**  
**API#: 30-015-35922**  
**EDDY, NM**

**C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<b>4455 - 4655</b>	Acidize w/ 5,000 gals acid.
	Frac w/ 57,425 gals gel,
	13,582# SiberProp, & 86,667# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<b>4750 - 4850</b>	Acidize w/ 5,000 gals acid.
	Frac w/ 39,188 gals gel,
	11,525# SiberProp, & 34,800# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<b>4920 - 5120</b>	Acidize w/ 2,500 gals acid.
	Frac w/ 67,731 gals gel,
	14,984# SiberProp, & 75,284# 16/30 sand.

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
 Permit 59494

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-35922	2. Pool Code 96210	3. Pool Name EMPIRE; GLORIETA-YESO
4. Property Code 302569	5. Property Name STATE S-19	6. Well No. 033
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3668

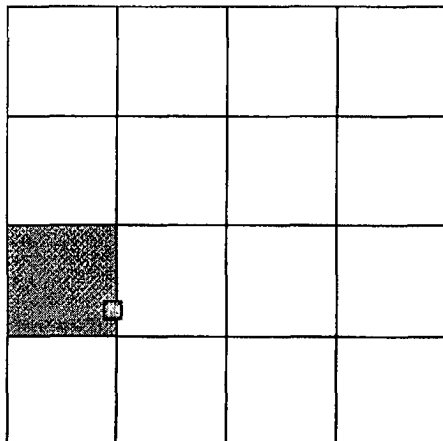
**10. Surface Location**

UL - Lot 3	Section 19	Township 17S	Range 29E	Lot Idn	Feet From 1650	N/S Line S	Feet From 1250	E/W Line W	County EDDY
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W 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**

**OPERATOR CERTIFICATION**

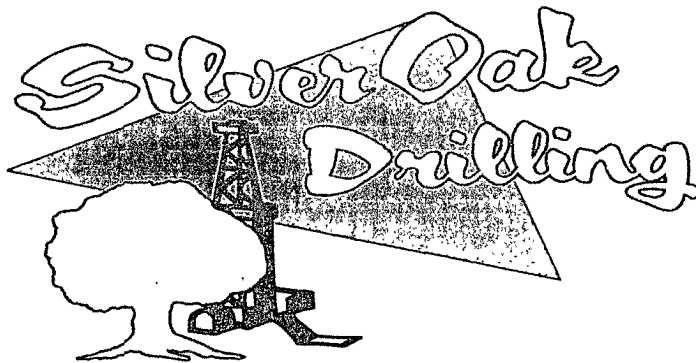
*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: Diane Kuykendall  
 Title: Regulatory Analyst  
 Date: 11/26/2007

**SURVEYOR CERTIFICATION**

*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.*

Surveyed By: Ronald Eidson  
 Date of Survey: 7/31/2007  
 Certificate Number: 3239



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

January 16, 2008

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

RE: State S-19 #33  
1650' FSL & 1250' FWL  
Sec. 19, T17S, R29E  
Eddy County, New Mexico

Dear Sir,

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

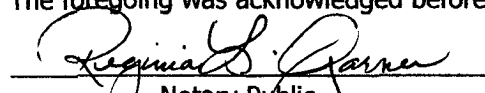
<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
160.00	0.50	2792.00	1.75
262.00	0.50	2917.00	1.00
463.00	0.50	3163.00	1.00
711.00	0.50	3443.00	1.25
1060.00	0.25	3662.00	0.75
1274.00	1.00	3948.00	0.25
1518.00	0.25	4201.00	1.00
1838.00	0.50	4350.00	0.75
2077.00	0.75	4578.00	0.75
2294.00	0.75	4799.00	0.50
2542.00	1.00	5049.00	0.50

Very truly yours,

  
Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 16<sup>th</sup> day of January, 2008.

  
Notary Public

