

<div>Submit To Appropriate District Office</div> <div>State Lease - 6 copies</div> <div>Fee Lease - 5 copies</div> <div>District I</div> <div>1625 N French Dr , Hobbs, NM 88240</div> <div>District II</div> <div>1301 W Grand Avenue, Artesia, NM 88210</div> <div>District III</div> <div>1000 Rio Brazos Rd , Aztec, NM 87410</div> <div>District IV</div> <div>1220 S St. Francis Dr , Santa Fe, NM 87505</div>		<div>State of New Mexico</div> <div>Energy, Minerals and Natural Resources</div> <div>Oil Conservation Division</div> <div>1220 South St. Francis Dr.</div> <div>Santa Fe, NM 87505</div>		<div>Form C-105</div> <div>Revised June 10, 2003</div> <div>WELL API NO.</div> <div>30-015-38425</div> <div>5. Indicate Type of Lease</div> <div>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></div> <div>State Oil & Gas Lease No.</div>	
<div>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</div>					
<div>1a Type of Well</div> <div>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</div> <div>NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF</div> <div>WELL OVER BACK RESVR <input type="checkbox"/> OTHER <input type="checkbox"/></div>			<div>7 Lease Name or Unit Agreement Name</div> <div>Firecracker State</div>		
<div>2 Name of Operator</div> <div>COG Operating LLC</div>			<div>8 Well No</div> <div>16</div>		
<div>3 Address of Operator</div> <div>550 W. Texas Ave., Suite 100 Midland, TX 79701</div>			<div>9 Pool name or Wildcat</div> <div>Empire; Glorieta-Yeso 96210</div>		
<div>4 Well Location</div> <div>Unit Letter I 1955 Feet From The South Line and 260 Feet From The East Line</div> <div>Section 14 Township 17S Range 28E NMPM Eddy County</div>					
<div>10. Date Spudded</div> <div>4/27/11</div>		<div>11 Date T D Reached</div> <div>5/3/11</div>		<div>12. Date Compl (Ready to Prod)</div> <div>5/26/11</div>	
<div>13 Elevations (DF& RKB, RT, GR, etc)</div> <div>3627' GR</div>		<div>14 Elev Casinghead</div>			
<div>15 Total Depth</div> <div>5303</div>		<div>16 Plug Back T.D.</div> <div>5240</div>		<div>17 If Multiple Compl. How Many Zones?</div>	
<div>18 Intervals Drilled By</div>		<div>Rotary Tools</div> <div>X</div>		<div>Cable Tools</div>	
<div>19 Producing Interval(s), of this completion - Top, Bottom, Name</div> <div>3730 - 5000 Yeso</div>				<div>20 Was Directional Survey Made</div> <div>No</div>	
<div>21 Type Electric and Other Logs Run</div> <div>Compensated Neutron CCL/HNGS</div>				<div>22. Was Well Cored</div> <div>No</div>	
<div>23. CASING RECORD (Report all strings set in well)</div>					
<div>CASING SIZE</div> <div>13-3/8</div>		<div>WEIGHT LB./FT.</div> <div>48</div>		<div>DEPTH SET</div> <div>285</div>	
<div>8 5/8</div>		<div>24</div>		<div>868</div>	
<div>5 1/2</div>		<div>17</div>		<div>5290</div>	
<div>17 1/2</div>		<div>11</div>		<div>7-7/8</div>	
<div>400</div>		<div>400</div>		<div>900</div>	
<div>24. LINER RECORD</div>					
<div>SIZE</div>		<div>TOP</div>		<div>BOTTOM</div>	
<div>SACKS CEMENT</div>		<div>SCREEN</div>		<div>2 7/8"</div>	
<div>4902</div>		<div>PACKER SET</div>			
<div>25. TUBING RECORD</div>					
<div>26 Perforation record (interval, size, and number)</div>					
<div>3730 - 4005 1 SPF, 26 holes OPEN</div>					
<div>4140 - 4456 1 SPF, 27 holes OPEN</div>					
<div>4530 - 4730 1 SPF, 26 holes OPEN</div>					
<div>4800 - 5000 1 SPF, 26 holes OPEN</div>					
<div>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</div>					
<div>DEPTH INTERVAL</div>			<div>AMOUNT AND KIND MATERIAL USED</div>		
<div>3730 - 4005</div>			<div>See attachment</div>		
<div>4140 - 4456</div>			<div>See attachment</div>		
<div>4530 - 4730</div>			<div>See attachment</div>		
<div>4800 - 5000</div>			<div>See attachment</div>		
<div>28 PRODUCTION</div>					
<div>Date First Production</div> <div>6/15/11</div>		<div>Production Method (Flowing, gas lift, pumping - Size and type pump)</div> <div>Pumping using a 2 1/2" x 2" x 24' pump</div>			<div>Well Status (Prod or Shut-in)</div> <div>Producing</div>
<div>Date of Test</div> <div>6/18/11</div>		<div>Hours Tested</div> <div>24</div>		<div>Choke Size</div>	
<div>Prod'n For Test Period</div>		<div>Oil - Bbl</div> <div>90</div>		<div>Gas - MCF</div> <div>78</div>	
<div>Water - Bbl</div> <div>391</div>		<div>Gas - Oil Ratio</div> <div>867</div>			
<div>Flow Tubing Press</div>		<div>Casing Pressure</div>		<div>Calculated 24-Hour Rate</div>	
<div>Oil - Bbl</div>		<div>Gas - MCF</div>		<div>Water - Bbl</div>	
<div>Oil Gravity - API - (Corr)</div> <div>38.7</div>					
<div>29 Disposition of Gas (Sold, used for fuel, vented, etc)</div> <div>Sold</div>					<div>Test Witnessed By:</div> <div>Kent Greenway</div>
<div>30 List Attachments</div> <div>Logs, C102, C103, C104</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>					
<div>Signature</div> <div>Netha Aaron</div>		<div>Printed Name</div> <div>Netha Aaron</div>		<div>Title</div> <div>Regulatory Analyst</div>	
<div>E-mail Address</div> <div>oaaaron@conchoresources.com</div>		<div>Date</div> <div>6/9/11</div>			

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 649	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1466	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2234	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3605	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 5124	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 3689	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

Firecracker State #16
API#: 30-015-38425
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3730 - 4005	Acidized w/3654 gals 15% HCL.
	Frac w/114,029 gals gel, 124,744# 16/30 White sand,
	16,923# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4140 - 4456	Acidized w/3500 gals 15% HCL.
	Frac w/125,703 gals gel, 145,263# 16/30 White
	sand, 31,198# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4530 - 4730	Acidized w/3500 gals 15% HCL.
	Frac w/124,265 gals gel, 144,544# 16/30 White
	sand, 29,284# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4800 - 5000	Acidized w/3500 gals 15% HCL.
	Frac w/125,632 gals gel, 146,540# 16/30 White
	sand, 31,296# 16/30 SiberProp