

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	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>	<b>Form C-105</b> Revised June 10, 2003  WELL API NO. 30-015-37454  5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>  State Oil & Gas Lease No.
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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 checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. WELL OVER _____ RESVR <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name  <p style="text-align: center;"><b>Yale State</b></p>
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2 Name of Operator  <b>COG Operating LLC</b>	8 Well No  <p style="text-align: center;"><b>07</b></p>
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3 Address of Operator  <b>550 W. Texas Ave., Suite 1300 Midland, TX 79701</b>	9. Pool name or Wildcat  <b>Loco Hills; Glorieta-Yeso 96718</b>
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4 Well Location  Unit Letter <b>P</b> <b>330</b> Feet From The <b>South</b> Line and <b>990</b> Feet From The <b>East</b> Line  Section <b>2</b> Township <b>17S</b> Range <b>30E</b> NMPM <b>Eddy</b> County					
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10 Date Spudded <b>07/28/10</b>	11 Date T D Reached <b>6245</b>	12. Date Compl. (Ready to Prod ) <b>09/01/10</b>	13 Elevations (DF& RKB, RT, GR, etc ) <b>3769 GR</b>	14 Elev Casinghead
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15 Total Depth <b>6245</b>	16. Plug Back T D <b>6189</b>	17. If Multiple Compl How Many Zones? <b>Yeso</b>	18 Intervals Drilled By <b>X</b>	Rotary Tools	Cable Tools
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19 Producing Interval(s), of this completion - Top, Bottom, Name <b>5110 - 5850 Yeso</b>	20 Was Directional Survey Made  <p style="text-align: center;"><b>No</b></p>
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21. Type Electric and Other Logs Run <b>CN / HNGS, Micro CFL / HNGS</b>	22. Was Well Cored  <p style="text-align: center;"><b>No</b></p>
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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
13-3/8	48	457	17-1/2	1000	
8-5/8	24	1354	11	500	
5-1/2	17	6238	7-7/8	1670	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5856	

26 Perforation record (interval, size, and number) 5110 - 5310 1 SPF, 26 holes OPEN 5380 - 5580 1 SPF, 26 holes OPEN 5650 - 5850 1 SPF, 26 holes OPEN	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">DEPTH INTERVAL</th> <th style="width:50%;">AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>5110 - 5310</td> <td>See attachment</td> </tr> <tr> <td>5380 - 5580</td> <td>See attachment</td> </tr> <tr> <td>5650 - 5850</td> <td>See attachment</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	5110 - 5310	See attachment	5380 - 5580	See attachment	5650 - 5850	See attachment
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5110 - 5310	See attachment								
5380 - 5580	See attachment								
5650 - 5850	See attachment								

**28 PRODUCTION**

Date First Production <b>09/06/10</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>2-1/2 x 2-1/4 x 24' pump</b>			Well Status (Prod or Shut-in) <b>Producing</b>		
Date of Test <b>09/06/10</b>	Hours Tested <b>24</b>	Choke Size	Prod'n For Test Period	Oil - Bbl <b>62</b>	Gas - MCF <b>64</b>	Water - Bbl <b>770</b>	Gas - Oil Ratio <b>1032</b>
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr) <b>37.3</b>	

29 Disposition of Gas (Sold, used for fuel, vented, etc.)  <p style="text-align: center;"><b>Sold</b></p>	Test Witnessed By <p style="text-align: center;"><b>Kent Greeway</b></p>
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30 List Attachments  <p style="text-align: center;"><b>Logs, C102, C103, Deviation Report, C104</b></p>	
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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	Printed Name <b>Kanicia Carrillo</b>	Title <b>Regulatory Analyst</b>	Date <b>09/13/10</b>
E-mail Address <b>kcarrillo@conchoresources.com</b>			



**Yale State #7**  
**API#: 30-015-37454**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5110 - 5310	Acidize w/ 2,500 gals acid.
	Frac w/ 114,850 gals gel,
	148,400#16/30 White, 30,000# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5380 - 5580	Acidize w/ 3,500 gals acid.
	Frac w/ 114,850 gals gel,
	148,400#16/30 White, 30,000# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5650 - 5850	Acidize w/ 2,500 gals acid.
	Frac w/ 114,850 gals gel,
	148,400#16/30 White, 30,000# 16/30 Siberprop.

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 106151

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-37454	2. Pool Code 96718	3. Pool Name LOCO HILLS; GLORIETA-YESO
4. Property Code 37953	5. Property Name YALE STATE	6. Well No. 007
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3769

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	2	17S	30E		330	S	990	E	EDDY

**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 40.00		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**

	<b>OPERATOR CERTIFICATION</b>			
	<p><i>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</i></p>			
	<p>E-Signed By: Diane Kuykendall Title: Regulatory Analyst Date: 12/10/2009</p>			
	<b>SURVEYOR CERTIFICATION</b>			
<p><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></p>				
<p>Surveyed By: Ronald Eidson Date of Survey: 12/8/2009 Certificate Number: 3239</p>				