

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <b>District I</b> 1625 N French Dr., Hobbs, NM 88240 <b>District II</b> 1301 W. Grand Avenue, Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 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>	<div style="text-align: right;">Form C-105 Revised June 10, 2003</div> WELL API NO. 30-015-38950 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
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<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>					
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 BACK RESVR. <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name  <div style="text-align: center;"><b>Yale State</b></div>				
2. Name of Operator <b>COG Operating LLC</b>	8. Well No. <b>09</b>				
3. Address of Operator <b>550 W. Texas Ave., Suite 100 Midland, TX 79701</b>	9. Pool name or Wildcat <b>Loco Hills; Glorieta-Yeso 96718</b>				
4. Well Location Unit Letter <b>M</b> : <b>990</b> Feet From The <b>South</b> Line and <b>330</b> Feet From The <b>West</b> Line Section <b>2</b> Township <b>17S</b> Range <b>30E</b> NMPM <b>Eddy</b> County					
10. Date Spudded <b>06/20/11</b>	11. Date T D Reached <b>06/27/11</b>	12. Date Compl. (Ready to Prod.) <b>07/22/11</b>	13. Elevations (DF& RKB, RT, GR, etc.) <b>3743 GR</b>	14. Elev. Casinghead	
15. Total Depth <b>6171</b>	16. Plug Back T.D. <b>6109</b>	17. If Multiple Compl. How Many Zones? <b>Yeso</b>	18. Intervals Drilled By <b>X</b>	19. Producing Interval(s), of this completion - Top, Bottom, Name <b>4592 - 5790</b>	
21. Type Electric and Other Logs Run <b>CN / HNGS</b>			20. Was Directional Survey Made <b>No</b>		
22. Was Well Cored <b>No</b>					
<b>23. CASING RECORD (Report all strings set in well)</b>					
CASING SIZE	WEIGHT LB /FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	440	17-1/2	450	
8-5/8	24	1339	11	600	
5-1/2	17	6158	7-7/8	1650	
<b>24. LINER RECORD</b>					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
<b>25. TUBING RECORD</b>					
SIZE	DEPTH SET	PACKER SET			
	2-7/8	5524			
26. Perforation record (interval, size, and number)					
4592 - 4860 1 SPF, 26 holes OPEN					
4970 - 5170 1 SPF, 26 holes OPEN					
5240 - 5440 1 SPF, 26 holes OPEN					
5540 - 5790 1 SPF, 26 holes OPEN					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
4592 - 4860		See Attachment			
4970 - 5170		See Attachment			
5240 - 5440		See Attachment			
5540 - 5790		See Attachment			
<b>28. PRODUCTION</b>					
Date First Production <b>7/26/11</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>2-1/2 x 2x 24' pump</b>		Well Status (Prod or Shut-in) <b>Producing</b>	
Date of Test <b>7/26/11</b>	Hours Tested <b>24</b>	Choke Size	Prod'n For Test Period	Oil - Bbl <b>109</b>	Gas - MCF <b>242</b>
				Water - Bbl <b>431</b>	Gas - Oil Ratio <b>2220</b>
Flow Tubing Press <b>70</b>	Casing Pressure <b>70</b>	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) <b>Sold</b>					Test Witnessed By <b>Kent Greeway</b>
30. List Attachments <b>Logs, C102, C103, Deviation Report, C104</b>					
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 Castillo</b>	Title <b>Lead Regulatory Analyst</b>	Date <b>08/10/11</b>
E-mail Address <b>kcastillo@concho.com</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>1432</b>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
93	T. Montoya	T. Mancos	T. McCracken
T. San Andres <b>3076</b>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <b>4520</b>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb <b>5946</b>	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 <b>4590</b>	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. 3, from.....to.....

No. 2, 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

**Yale State #9**  
**API#: 30-015-38950**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4592 - 4860	Acidize w/ 3,000 gals acid.
	Frac w/ 111,211 gals gel,
	118,049#16/30 brown, 17,090# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4970 - 5170	Acidize w/ 2,500 gals acid.
	Frac w/ 124,853 gals gel,
	147,534#16/30 Ottawa, 29,948# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5240 - 5440	Acidize w/ 2,500 gals acid.
	Frac w/ 123,832 gals gel,
	147,295#16/30 Ottawa, 26,078# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5540 - 5790	Acidize w/ 2,500 gals acid.
	Frac w/ 125,100 gals gel,
	147,057#16/30 Ottawa, 29,195# 16/30 Siberprop.