

Submit To Appropriate District Office Two 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> July 17, 2008														
1. WELL API NO. <b>30-015-39176</b>																				
2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN																				
3. State Oil & Gas Lease No.																				
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>																				
4. Reason for filing: <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19.15.17.13 K NMAC)						5. Lease Name or Unit Agreement Name <b>McCoy State</b> 6 Well Number: <b>20</b>														
7. Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER						<div style="border: 2px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">         RECEIVED           JAN 06 2012           NMOCD ARTESIA       </div>														
8. Name of Operator <b>COG Operating, LLC</b>						9 OGRID <b>229137</b>														
10. Address of Operator <b>550 W. Texas Ave., Suite 100, Midland, TX 79701</b>						11. Pool name or Wildcat <b>Empire; Glorieta-Yeso, East 96610</b>														
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County										
Surface:	C	8	17S	29E		970	North	2415	West	Eddy										
BH:	C	8	17S	29E		975	North	2577	West	Eddy										
13 Date Spudded <b>9/25/11</b>	14 Date T.D. Reached <b>10/2/11</b>		15. Date Rig Released <b>10/3/11</b>			16 Date Completed (Ready to Produce) <b>10/26/11</b>		17 Elevations (DF and RKB, RT, GR, etc.) <b>3629' GR</b>												
18 Total Measured Depth of Well <b>5440</b>			19. Plug Back Measured Depth <b>5370</b>			20. Was Directional Survey Made? <b>Yes</b>		21 Type Electric and Other Logs Run <b>3-Det Litho Den Comp Neut/HNGS; Hi-Res Lat Array Micro-CFL/HNGS</b>												
22 Producing Interval(s), of this completion - Top, Bottom, Name <b>3920 - 5100</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											
<b>13-3/8</b>	<b>48</b>		<b>373</b>		<b>17-1/2</b>		<b>950</b>													
<b>8-5/8</b>	<b>24</b>		<b>866</b>		<b>11</b>		<b>400</b>													
<b>5-1/2</b>	<b>17</b>		<b>5423</b>		<b>7-7/8</b>		<b>1050</b>													
<b>24. LINER RECORD</b>																				
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD													
							SIZE		DEPTH SET											
							<b>2-7/8</b>		<b>5063</b>											
26 Perforation record (interval, size, and number) <b>3920 - 4145 - 1 SPF, 26 holes      Open</b> <b>4360 - 4560 - 1 SPF, 26 holes      Open</b> <b>4630 - 4830 - 1 SPF, 26 holes      Open</b> <b>4900 - 5100 - 1 SPF, 26 holes      Open</b>						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><b>3920 - 4145</b></td> <td><b>See Attachment</b></td> </tr> <tr> <td><b>4360 - 4560</b></td> <td><b>See Attachment</b></td> </tr> <tr> <td><b>4630 - 4830</b></td> <td><b>See Attachment</b></td> </tr> <tr> <td><b>4900 - 5100</b></td> <td><b>See Attachment</b></td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	<b>3920 - 4145</b>	<b>See Attachment</b>	<b>4360 - 4560</b>	<b>See Attachment</b>	<b>4630 - 4830</b>	<b>See Attachment</b>	<b>4900 - 5100</b>	<b>See Attachment</b>
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<b>4900 - 5100</b>	<b>See Attachment</b>																			
<b>28. PRODUCTION</b>																				
Date First Production <b>11/18/11</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Pumping 2-1/2 x 2 x 24</b>				Well Status (Prod. or Shut-in) <b>Producing</b>														
Date of Test <b>11/23/11</b>	Hours Tested <b>24</b>	Choke Size	Prod'n For Test Period	Oil - Bbl <b>78</b>	Gas - MCF <b>53</b>	Water - Bbl. <b>167</b>	Gas - Oil Ratio <b>680</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>39.3</b>														
29. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Sold</b>							30. Test Witnessed By													
31. List Attachments <b>Logs, C-102, C-104, Deviation Survey</b>																				
32 If a temporary pit was used at the well, attach a plat with the location of the temporary pit.																				
33. If an on-site burial was used at the well, report the exact location of the on-site burial:																				
Latitude _____ Longitude _____ NAD 1927 1983																				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																				
Signature <b>N. Aaron</b>		Printed Name <b>Netha Aaron</b>		Title <b>Regulatory Analyst</b>		Date <b>12/21/11</b>														
E-mail Address <b>oaaron@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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

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 A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates <u>835</u>	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres <u>2410</u>	T. Simpson	T. Mancos	T. McCracken
T. Glorieta <u>3792</u>	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb <u>5198</u>	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Rustler	T. Entrada	
T. Wolfcamp	T. Tansil	T. Wingate	
T. Penn	T. Yeso <u>3905</u>	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

## 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

**McCoy State 20**  
**API#: 30-015-39176**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3920 - 4145	Acidized w/ 3000 gals 15% HCL
	Frac w/114,807 gals gel, 127,924 16/30 White sand,
	15,997# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4360 - 4560	Acidized w/ 2500 gals 15% HCL.
	Frac w/125,815 gals gel, 147,627# 16/30 White
	sand, 30,325# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4630 - 4830	Acidized w/3500 gals 15% HCL
	Frac w/127,139 gals gel, 149,774# 16/30 White
	sand, 30,733 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4900 - 5100	Acidized w/3500 gals 15% HCL.
	Frac w/126,992 gals gel, 147,821 16/30 White sand,
	30,544# 16/30 SiberProp