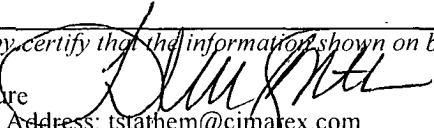


Submit To Appropriate District Office Two Copies <b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 <b>District II</b> 811 S. First St., Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</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>			<b>Form C-105</b> Revised August 1, 2011					
<b>1. WELL API NO.</b> 30-015-39158										
<b>2. Type of Lease</b> <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN										
<b>3. State Oil &amp; Gas Lease No</b>										
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
<b>4. Reason for filing:</b> <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only) <input checked="" 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)				<b>5. Lease Name or Unit Agreement Name</b> Chapparral State <b>6. Well Number:</b> 20H						
<b>7. Type of Completion:</b> <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; display: inline-block;"> <b>RECEIVED</b>  <b>AUG 17 2012</b>  <b>NMOCD ARTESA</b> </div>						
<b>8. Name of Operator</b> Cimarex Energy Co. of Colorado				<b>9. OGRID</b> 162683						
<b>10. Address of Operator</b> 600 N. Marienfeld St., Ste 600, Midland, Tx 79701				<b>11. Pool name or Wildcat</b> Winchester, Bone Spring						
<b>12. Location</b>	<b>Unit Ltr</b>	<b>Section</b>	<b>Township</b>	<b>Range</b>	<b>Lot</b>	<b>Feet from the</b>	<b>N/S Line</b>	<b>Feet from the</b>	<b>E/W Line</b>	<b>County</b>
<b>Surface:</b>	C	32	19S	29E	C	330	N	1980	W	Eddy
<b>BH:</b>	N	32	19S	29E		340	S	2017	W	Eddy
<b>13. Date Spudded</b> 5/1/12	<b>14. Date T.D. Reached</b> 5/27/12		<b>15. Date Rig Released</b> 5/30/12		<b>16. Date Completed (Ready to Produce)</b> 7/4/12		<b>17. Elevations (DF and RKB, RT, GR, etc.)</b> GR-3308			
<b>18. Total Measured Depth of Well</b> 12371			<b>19. Plug Back Measured Depth</b> 12364		<b>20. Was Directional Survey Made?</b> yes		<b>21. Type of Electric and Other Logs Run</b> None			
<b>22. Producing Interval(s), of this completion - Top, Bottom, Name</b> Bone Springs: 8000-12338										
<b>23. CASING RECORD (Report all strings set in well)</b>										
<b>CASING SIZE</b>	<b>WEIGHT LB./FT.</b>	<b>DEPTH SET</b>		<b>HOLE SIZE</b>		<b>CEMENTING RECORD</b>		<b>AMOUNT PULLED</b>		
13-3/8	48	337		17.5		340		0		
9-5/8	40	3545		12.25		1730		0		
5-1/2	17	12371		8.75		2300		0		
<b>24. LINER RECORD</b>										
<b>SIZE</b>	<b>TOP</b>	<b>BOTTOM</b>	<b>SACKS CEMENT</b>	<b>SCREEN</b>	<b>25. TUBING RECORD</b>					
					<b>SIZE</b>	<b>DEPTH SET</b>	<b>PACKER SET</b>			
					2-7/8	7085				
<b>26. Perforation record (interval, size, and number)</b> 8000-12338. 320 Holes 42					<b>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b>					
					<b>DEPTH INTERVAL</b>		<b>AMOUNT AND KIND MATERIAL USED</b>			
					8000-12338		1,104,488 gals total fluid; 1,700,831# sd			
<b>28. PRODUCTION</b>										
<b>Date First Production</b> 7/5/12		<b>Production Method (Flowing, gas lift, pumping - Size and type pump)</b> pump				<b>Well Status (Prod or Shut-in)</b> Prod				
<b>Date of Test</b> 7/5/12	<b>Hours Tested</b> 24	<b>Choke Size</b>	<b>Prod'n For Test Period</b>	<b>Oil - Bbl</b> 501	<b>Gas - MCF</b> 261	<b>Water - Bbl</b> 1292	<b>Gas - Oil Ratio</b> 520.96			
<b>Flow Tubing Press</b> 360	<b>Casing Pressure</b> 130	<b>Calculated 24-Hour Rate</b>	<b>Oil - Bbl.</b>	<b>Gas -- MCF</b>	<b>Water - Bbl</b>	<b>Oil Gravity - API - (Corr.)</b> 44.0				
<b>29. Disposition of Gas (Sold, used for fuel, vented, etc.)</b> Sold							<b>30. Test Witnessed By</b>			
<b>31. List Attachments</b> C102, DEV Survey, C104, C103, C144										
<b>32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit</b>										
<b>33. If an on-site burial was used at the well, report the exact location of the on-site burial.</b>										
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										
<b>Signature</b> 			<b>Printed Name</b> Terri Stathem			<b>Title</b> Regulatory		<b>Date</b> 8/15/12		<b>E-mail Address:</b> tstathem@cimarex.com

## 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 920	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 1130	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 2778	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware	T. Morrison	
T. Drinkard	T. Bone Springs 4875	T. Todilto	
T. Abo	T. Yeso	T. Entrada	
T. Wolfcamp	T. Rustler -	T. Wingate	
T. Penn	T. Cherry Canyon - 3450	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