

OCD-ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. NM-0265356A			
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other: _____						6. If Indian, Allottee or Tribe Name			
						7. Unit or CA Agreement Name and No.			
2. Name of Operator CHI Operating, Inc.						8. Lease Name and Well No. Crozier 28 Federal #1			
3. Address P.O. Box 1799 Midland, Texas 79702				3a. Phone No. (include area code) 432-685-5001		9. AFI Well No. 30-015-35573			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* SHL: 760' FNL & 2380' FEL; BHL: 1045' FSL & 660' FEL At surface SHL: 33-T21S-R26E; BHL: 28-T21S-R26E  At top prod. interval reported below  At total depth						10. Field and Pool or Exploratory Wolfcamp			
						11. Sec., T., R., M., on Block and Survey or Area SHL: 33-T21S-R26E BHL: 28-T21S-R26E			
						12. County or Parish Eddy			
						13. State NM			
14. Date Spudded 06/03/2007		15. Date T.D. Reached 07/21/2007		16. Date Completed 11/02/2007 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* GL-3282'; KB-3300'			
18. Total Depth: MD 11,960' TVD		19. Plug Back T.D.: MD 11,810' TVD		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL/CC/GR				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)					
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5"	13 3/8" J-55	48#	512'			500sx		surf	
12 1/4"	9 5/8" J-55	40#	2142'			800sx		surf	
8 3/4"	5 1/2" P-110	20#	11,960'			1232sx		6940'	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8"		11,395'							
25. Producing Intervals									
Formation		Top	Bottom	26. Perforation Record		Size	No. Holes	Perf. Status	
A) Wolfcamp		9234'	9238'	Perforated Interval					
B)		9624'	9632'	plug @ 11,598' w/35' cmt					
C)		10,198'	10,214'	new: 10,198-10,214'; 9264'-					
D)				9632'; 9234-9238'					
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
10,220'		p/total 60bbls 20% HCL acid to bttm perms							
9234'-9634'		9bbls 20% acid							
9136'		p/total 100 balls w/69bbls 20% acid							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method Flowing
5/24/10	6/7/10	24	→	0	43	3			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method Flowing
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

RECEIVED

FEB 25 2011

NMOCD ARTESIA

ACCEPTED FOR RECORD

FEB 22 2011  
/s/ Dustin WinklerBUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

WZ

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
DELAWARE BONE SPRING LS	2430' 4662'				
3RD BONE SPRING SD	8318'				
WOLFCAMP CISCO/CANYON	8863' 10,037'				
STRAWN LS ATOKA	10,319' 10,630'				
MORROW CLASTICS LOWER MORROW	11,402' 1,696'				

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Carlsbad, N.M.

## 32. Additional remarks (include plugging procedure):

Plug @ 11,598' w/35' cmt

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) PAM CORBETT

Title REGULATORY CLERK (432-685-5001)

Signature

Pam Corbett

Date 12/13/2010

pamc@cheenergyinc.com

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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