

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		6. If Indian, Allottee or Tribe Name	
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. Resvr. Other _____		7. Unit or CA Agreement Name and No. NMNM107701	
2. Name of Operator CHI OPERATING INC		8. Lease Name and Well No. LANDRUSH 12 FED COM. 2	
Contact: PAM CORBETT E-Mail: pamc@chienergyinc.com		9. API Well No. 30-015-31903	
3. Address PO BOX 1799 MIDLAND, TX 79702		10. Field and Pool, or Exploratory BONE SPRING	
3a. Phone No. (include area code) Ph: 432-685-5001		11. Sec., T., R., M., or Block and Survey or Area Sec 12 T19S R30E Mer NMP	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot N 660FNL 660FEL At top prod interval reported below Lot N 660FNL 660FEL At total depth Lot N 660FNL 660FEL		12. County or Parish EDDY	
14. Date Spudded 05/30/2002		13. State NM	
15. Date T.D. Reached 07/07/2002		17. Elevations (DF, KB, RT, GL)* 3441 GL	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/06/2002			
18. Total Depth: MD 12260 TVD		19. Plug Back T.D.: MD 11945 TVD	
20. Depth Bridge Plug Set: MD 9900 TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		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 analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)	

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375	48.0	475			500	164	0	
11.000	8.625	32.0	3210			1815	8	0	
7.875	5.500	20.0	12250			1450	54		

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8716	8478						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8598	8680	8598 TO 8680	2.000	22	PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

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
11/06/2002	11/18/2002	24	→	7.0	342.0	4.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	SI	80	→	7	342	4			

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
11/06/2002	09/12/2006	24	→	55.0	87.0	87.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	55	87	87			

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #218241 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Submit 3160-5 Subsequent Report. Recompletion

QW

RECEIVED

SEP 04 2013

NMOCD ARTESIA

ACCEPTED FOR RECORD

SEP 1 2013

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

should show 1st date of completion Production

28b. Production - Interval C

Date First Produced 11/06/2002	Test Date 07/29/2008	Hours Tested 24	Test Production →	Oil BBL 51.0	Gas MCF 28.0	Water BBL 40.0	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL 51	Gas MCF 28	Water BBL 40	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(Sold, used for fuel, vented, etc.)
CAPTURED

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
2ND BONE SPRING WOLFCAMP MIDDLE MORROW LOWER MORROW	8546 9788 11800 12008			2ND BONE SPRING WOLFCAMP MIDDLE MORROW LOWER MORROW	8598 9986 11819 12020

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

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

**Electronic Submission #218241 Verified by the BLM Well Information System.
For CHI OPERATING INC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 08/27/2013 ()**

Name(please print) SONNY MANN

Title FIELD SUPERVISOR

Signature _____ (Electronic Submission)

Date 08/27/2013

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Chi Operating, Inc

Landrush "12" Fed. Com. #2
Sec 12, T19S-R30E
Eddy Co. N.M.

Wellhead Equipment: 5000# Tree w/2 masters, 1 swb, 1 wing
& choke.

