

AUG 19 2014

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM0560353

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other: INJ		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 type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other <u>WJW</u>		7. Unit or CA Agreement Name and No. NMNM126412X	
2. Name of Operator CHI OPERATING INCORPORATED E-Mail: pamc@chienergyinc.com		8. Lease Name and Well No. BENSON DELAWARE UNIT 15	
3. Address MIDLAND, TX 79702		9. API Well No. 30-015-38298-00-X1	
3a. Phone No. (include area code) Ph: 432-685-5001			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSW 150FSL 1550FWL At top prod interval reported below SWSW 150FSL 1550FWL At total depth SWSW 150FSL 1550FWL		10. Field and Pool, or Exploratory BENSON BENSON-DELAWARE	
		11. Sec., T., R., M., or Block and Survey or Area Sec 1 T19S R30E Mer NMP	
		12. County or Parish EDDY	13. State NM
14. Date Spudded 07/29/2011	15. Date T.D. Reached 08/11/2011	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 05/02/2012	
17. Elevations (DF, KB, RT, GL)*			
18. Total Depth: MD TVD 5198	19. Plug Back T.D.: MD TVD	20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL&CNL		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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		504		600		0	
12.250	8.625 J55	32.0		2072		650		0	
7.875	5.500 J55	15.5		5200		665		0	
17.500	13.375 J-55	54.5	0	504		870		0	
11.000	8.625 J-55	32.0	0	2072		650		0	
7.875	5.500 J-55	15.5	0	5200		665		72	

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		4532						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE			4634 TO 4664			
B)			4634 TO 5068			INJECTION
C)			4786 TO 5068			
D)						

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

Depth Interval	Amount and Type of Material
4634 TO 4664	95 BBLS 7.5 ACID 5 BBLS PER 3.8 BBLS ACID
4634 TO 4664	bbbs 7.5% acid
4786 TO 4882	95 BBLS 7.5 ACID 5 BBLS PER/2.2 BBLS ACID
4786 TO 4882	bbbs 7.5% 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
			→						
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

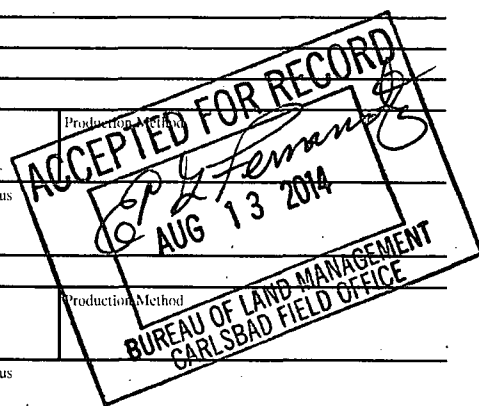
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #232448 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Submit copies of logs to NMOC



AB

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(Sold, used for fuel, vented, etc.)
UNKNOWN

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
YATES SEVEN RIVERS QUEEN	2128 2430 3050			YATES SEVEN RIVERS QUEEN	2128 2430 3050

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 #232448 Verified by the BLM Well Information System.
For CHI OPERATING INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by CATHY QUEEN on 06/16/2014 (14CQ0447SE)

Name(please print) SONNY MANN

Title FIELD SUPERVISOR

Signature (Electronic Submission)

Date 01/19/2014

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #232448 that would not fit on the form

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
4868 TO 5068	bbls 7.5% acid
4915 TO 5068	95 BBLS 7.5 ACID 5 BBLS PER/2.2 BBLS ACID