Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMLC065194

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: Endurance Resources LLC

8. Lease Name and Well No.: Starcaster 18 Federal Com 4H

3. Address: 203 West Wall Street Suite 1000 Midland TX 79701

3a. Phone No. *(include area code)*: 432-242-4680

9. API Well No.: 30-025-42025

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface 330' FNL & 660' FEL

10. Field and Pool or Exploratory: Bell Lake; Bone Spring North

11. Sec., T., R., M., on Block and Survey or Area: Sec. 18 T23S R34E

At top prod. interval reported below

At total depth 227.8' FSL & 361.2' FEL

12. County or Parish: Lea

13. State: NM

14. Date Spudded: 01/13/2015

15. Date T.D. Reached: 02/09/2015

16. Date Completed: ☐ D & A ☑ Ready to Prod. 02/28/2015

17. Elevations (DF, RKB, RT, GL)*: 3478.6' GR

18. Total Depth: MD 14,836' TVD 10,394'

19. Plug Back T.D.: MD 14,826' TVD 10,394'

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
RCBL and CNL

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ 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
17-1/2"	13-3/8" J55	54.5			1123	1050 Class C	279	Surface	
12-1/4"	9-5/8" L80	40			4998	1310 Class C	396	Surface	
8-3/4"	5-1/2"P110	20			14826	2475 Class C	995	3950'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2nd Bone Spring	10653	14727	10653-14727	0.42"	258	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10653-14727	Frac w/41,680 gals 15% HCl, 82,633 bbls. gel water, 3,699,899# synthetic proppant

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
2/28/15	3/6/15	24	→	2026	3221	3659	45.0	0.70	Flowing

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
48/64"		1050	→	2026	3221	3659	1589	POW

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 page 2)

APR 07 2015

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.)*

Sold

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
	0	967	Redbed	Rustler	967
Rustler	967	1825	Anhydrite	Top Salt	1825
Top Salt	1825	2762	Salt	Base Salt	2762
Base Salt	2762	4947	Anhydrite/Limestone	Lamar Limestone	4947
Delaware	4947	8502	Sandstone/Shale	Bell Canyon	5040
Bone Spring	8502	9587	Sandstone/Shale/Limestone	Cherry Canyon	6066
1st Bone Spring	9587	10147	Limestone/Sandstone/Shale	Brushy Canyon	7275
2nd Bone Spring	10147	10394	Sandstone/Limestone/Shale	Bone Spring Limestone	8502
				1st Bone Spring Sand	9587
				2nd Bone Spring Sand	10147

32. Additional remarks (include plugging procedure):

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)* M. A. Sirgo, III Title Engineer

Signature Date 03/18/2015

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.

(Continued on page 3)