

NMOCD
Hobbs

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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** Contact: PEGGY REDMAN
E-Mail: peggy@enduranceresourcesllc.com

8. Lease Name and Well No.
STARCASTER 18 FED 3H

3. Address MIDLAND, TX 79701 3a. Phone No. (include area code)
Ph: 432-242-4680

9. API Well No.
30-025-42917-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 18 T23S R34E Mer NMP NWNE 155FNL 1980FEL
At top prod interval reported below
At total depth Sec 18 T23S R34E Mer NMP SWSE 346FSL 1997FEL

10. Field and Pool, or Exploratory
BELL LAKE-BONE SPRING, NORTH

11. Sec., T., R., M., or Block and Survey
or Area Sec 18 T23S R34E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 12/02/2015 15. Date T.D. Reached 01/04/2016 16. Date Completed
 D & A Ready to Prod.
02/04/2016

17. Elevations (DF, KB, RT, GL)*
3489 GL

18. Total Depth: MD 14995 TVD 10410 19. Plug Back T.D.: MD 14964 TVD 10410 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE 22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No 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 Cemen- ter Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1095		875	229	0	
12.250	9.625 J-55	40.0	0	5013		1230	373	0	
8.750	5.500 P-110	20.0	0	14995		1640	775	3050	

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) BONE SPRING 2ND	10670	14936	10670 TO 14936	0.000	1908	OPEN - 2nd Bone Spring
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10670 TO 14936	A/96,255 GALS. 15% NEFE HCL ACID. FRAC W/247,286 BBLs. GEL WATER AND 11,297,461# 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
02/07/2016	02/19/2016	24	→	1826.0	3365.0	2983.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
52/64	SI	875.0	→	1826	3365	2983	1842	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD
/S/ DAVID R. GLASS
APR 14 2016

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

ELECTRONIC SUBMISSION #336266 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

DAVID R. GLASS

PETROLEUM ENGINEER

APR 28 2016

Reclamation Due:
AUG 04 2016

Ke
ojs

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.)
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
RED BEDS	0	996		RUSTLER	996
BONE SPRING 2ND	10670	14936		TOP OF SALT	1301
				BELL CANYON	5040
				BRUSHY CANYON	7225
				BONE SPRING	8495
				BONE SPRING 1ST	9575
				BONE SPRING 2ND	10132

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 #336266 Verified by the BLM Well Information System.
For ENDURANCE RESOURCES LLC, sent to the Hobbs
Committed to AFMSS for processing by DINAH NEGRETE on 04/13/2016 (16DCN0013SE)**

Name (please print) MANNY SIRGO III Title ENGINEER

Signature (Electronic Submission) Date 04/12/2016

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 ****