

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

Hobbs
HUBBS OCDFORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____2. Name of Operator
Endurance Resources LLC ✓

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

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

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

150 FSL & 660 FEL
At surface ✓

At top prod. interval reported below

At total depth 330 FNL & 651 FEL

14. Date Spudded
09/11/201615. Date T.D. Reached
10/01/201616. Date Completed 10/28/2016
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
3219.3 GL18. Total Depth: MD 15552
TVD 1096219. Plug Back T.D.: MD 15449
TVD 1096320. Depth Bridge Plug Set: MD
TVD

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

DLL-MG Density Neutron GR

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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8 J55	54.5		1099		950 Class C	257	Surface	15 bbls.
12-1/4	9-5/8 HCL80	40.0		5239		1380 Class C	425	Surface	15 bbls.
8-3/4	5-1/2 P110	20.0		15550		1405 Class H	615	4980'	

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

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Spring	11,337	15,367	11,337-15,367'	0.42"	936	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11,337-15,367'	F/95,559 gals. 15% HCl, 7,761,120# 100 mesh, 2,630,310# 40/70 total 10,391,430# 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
10-28-16	11-9-16	24	→	1417	2775	3065	43.1	0.83	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
56/64		825	→	1417	2775	3065	1958	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)

ACCEPTED FOR RECORD

DEC 8 2016

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Reclamation due 04/28/2017

KZ

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

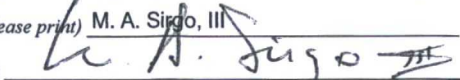
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Redbed Rustler	0 1000	1000 1588	Redbed Anhydrite	Rustler Lamar	1000 5239
Top Salt Bottom Salt	1588 2849	2849 5239	Salt Limestone/anhydrite	Bell Canyon Cherry Canyon	5269 6329
Delaware Bone Spring	5239 9143	9143 10961	Sand/shale/limestone Sand/shale/limestone	Brushy Canyon Bone Spring 1st Bone Spring 2nd Bone Spring	7827 9143 10377 10897

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
 Signature 

Title Engineer
 Date 11/10/2016

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.

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