

RECEIVED

JUL 03 2019

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
Farmington Field Office
Bureau of Land Management

5. Lease Serial No.
NMNM-122639

1a. Type of Well Oil Well Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Zones Hydraulic Fracturing
 Other: Amended

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
Enduring Resources IV LLC

8. Lease Name and Well No.
LONE MESA UNIT 001H

3. Address
200 Energy Court Farmington NM 87402

3a. Phone No. (Include area code)
505-636-9743

9. API Well No.
30-045-35895

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

10. Field and Pool or Exploratory Basin FC

At surface
SHL: 1863' FSL & 1936' FEL, Sec 28 T22N, R8W J
BHL: 1842' FSL & 11' FWL, Sec 28 T22N, R8W L

NMOCB

JUL 23 2019

DISTRICT III

11. Sec., T., R., M., on Block and Survey or Area
28 22N 8W

12. County or Parish
San Juan

13. State
NM

At top prod. interval reported below At total depth

14. Date Spudded
2/25/19

15. Date T.D. Reached
5/9/19

16. Date Completed 5/30/19
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6756'

18. Total Depth: 3859' MD
701' TVD

19. Plug Back T.D.: 3819' MD
701' TVD

20. Depth Bridge Plug Set: MD
TVD

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

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

Form 3160-4
(June 2015)

UNITED STATES

CONFIDENTIAL

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
12-1/4"	9 5/8", J-55	36	0	321' MD		190	207	surface	
8-3/4"	7", J-55	23	0	992' MD		180	263	surface	
6-1/8"	4-1/2", J55	11.6	0	3819' MD		TOL 955'			

24. Tubing Record

Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8", 6.5#, L-80 EUE 8rd	908'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
FC			Pre Perfed: 955'-3819' MD			

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org
955'-3819' MD	

28. Production - Interval A

Date First Produced	Test Date Will file on delivery sundry	Hours Tested 24 hr	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method Flowing
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status Producing	
			→						

ACCEPTED FOR RECORD

JUL 19 2019

FARMINGTON FIELD OFFICE
BY: [Signature]

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
			→						

NMOCB

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
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*(See instructions and spaces for additional data on page 2)

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	

28. Disposition of Gas (Solid, used for fuel, vented, etc.)

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, and shut-in pressures and recoveries.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
FRUITLAND COAL	340				

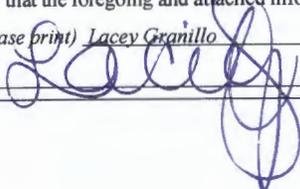
31. Formation (Log) Markers

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) Lacey Granillo Title Permit Specialist
Signature  Date: 7/3/19

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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OMB NO. 1004-0137
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b. Type of Completion New Well Work Over Deepen Plug Back Diff. Zones Hydraulic Fracturing
 Other: **Amended**

6. If Indian, Allottee or Tribe Name

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3a. Phone No. (Include area code)
505-636-9743

9. API Well No.
30-045-35895

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

At surface

SHL: 1863' FSL & 1936' FEL, Sec 28 T22N, R8W J
BHL: 1842' FSL & 11' FWL, Sec 28 T22N, R8W L

NMOCB
JUL 03 2019
Courtesy Copy
DISTRICT III

10. Field and Pool or Exploratory Basin
FC

11. Sec., T., R., M., on Block and Survey or Area
28 22N 8W

12. County or Parish **San Juan** 13. State **NM**

At top prod. interval reported below At total depth

14. Date Spudded **2/25/19** 15. Date T.D. Reached **5/9/19**

16. Date Completed **5/30/19**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6756'

18. Total Depth: **3859' MD**
701' TVD

19. Plug Back T.D.: **3819' MD**
701' TVD

20. Depth Bridge Plug Set: **MD**
TVD

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

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit report)

Form 3160-4
(June 2015)

UNITED STATES

CONFIDENTIAL

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
12-1/4"	9 5/8", J-55	36	0	321' MD		190	207	surface	
8-3/4"	7", J-55	23	0	992' MD		180	263	surface	
6-1/8"	4-1/2", J55	11.6	0	3819' MD		TOL 955'			

24. Tubing Record

Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8", 6.5#, L-80 EUE 8rd	908'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
FC			Pre Perfed: 955'-3819' MD			

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org
955'-3819' MD	

28. Production - Interval A

Date First Produced	Test Date Will file on delivery sundry	Hours Tested 24 hr	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
			→						Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Producing
			→						

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
			→						

Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
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(See instructions and spaces for additional data on page 2)

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	

28. Disposition of Gas (Solid, used for fuel, vented, etc.)

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, and shut-in pressures and recoveries.

31. Formation (Log) Markers

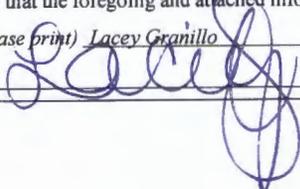
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
FRUITLAND COAL	340				

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:

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Form 3160-4
(June 2015)

UNITED STATES

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NMOC D

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org
955'-3819' MD	

JUN 25 2019

28. Production - Interval A

Date First Produced	Test Date Will file on delivery sundry	Hours Tested 24 hr	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method Flowing
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status Producing	
			→						

DISTRICT III

CONFIDENTIAL
ACCEPTED FOR RECORD

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
			→						

JUN 14 2019

FARMINGTON FIELD OFFICE
By: AK

NMOC D

Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
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(see instructions and spaces for additional data on page 2)

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	
			→						

28. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

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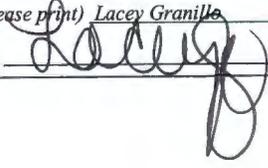
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