RECEIVED
JUL 03 2019
Farmington Field Office
Bureau of Land Management

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

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)* *

At surface

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

NMOCD
JUL 23 2019
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 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
FC		

26. Perforation Record

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

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 Will file on delivery sundry	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:

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

NMOCD

ke ze	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)

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:

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 Lacey Granillo Date: 7/3/19

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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)* *

At surface

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

NMOCD
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	15. Date T.D. Reached	16. Date Completed 5/30/19	17. Elevations (DF, RKB, RT, GL)*
2/25/19	5/9/19	☐D & A ☒Ready to Prod.	6756'

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
3859' MD / **701' TVD**	**3819' MD** / **701' TVD**	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
FC		

26. Perforation Record

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

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 Will file on delivery sundry	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

(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:

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 Lacey Granillo Date: 7/3/19

RECEIVED

JUN 13 2019

Farmington Field Office
Bureau of Land Management

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

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: _____

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)* *

At surface

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

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 copy)

Form 3160-4
(June 2015)

UNITED STATES

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	
8-1/2"	7", J-55	23	0	992' MD		180	263	surface	
8-1/2"	4-1/2",11.5#,		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
FC		

26. Perforation Record

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

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

NMOCD

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

JUN 25 2019

DISTRICT III

28.Production - Interval A

Date First Produced Will file on delivery sundry	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

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: _____

NMOCD

	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)

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, fl 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:

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:6/13/19