

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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: _____

2. Name of Operator
Enduring Resources IV LLC

3. Address **200 Energy Court Farmington NM 87402** 3a. Phone No. (Include area code) **505-636-9743**

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

SHL: 235' FSL & 228' FEL, Sec 17, T22N, R7W
BHL: 2274' FSL & 2477' FEL, Sec 7 T22N, R7W

5. Lease Serial No.
NO-G-1311-1807

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
NMNM135218X

8. Lease Name and Well No.
W Escavada Unit 303H

9. API Well No.
30-043-21306

10. Field and Pool or Exploratory
Escavada W; Mancos

11. Sec., T., R., M., on Block and Survey or Area
17 22N 7W

12. County or Parish **Sandoval** 13. State **NM**

14. Date Spudded **7/6/18** 15. Date T.D. Reached **7/22/18** 16. Date Completed **5/2/19**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6878'

18. Total Depth: **15588' MD** 19. Plug Back T.D.: **15453' MD** 20. Depth Bridge Plug Set: **MD**
4826' TVD **4825' TVD** **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

NMOCD

MAY 27 2019

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", J-55	54.5	0	254' MD		320	378	surface	
12-1/4"	9-5/8", J-55	36	0	2949' MD		765	1377	surface	
8-1/2"	5-1/2", P-110	17	0	15578' MD		2910	4328	surface	

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	4885'	4875'						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
MC	4766' TVD	4833' TVD	5135'-15356' MD	.42	2051	

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
5135'-15356'	Frac MC, 57 total stages 5135'-15356', Perfed 21, 0.42" holes with 30/50 PSA Sand & 18,793,800 total 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
5/9/18	5/9/19	24 hr	➔	432	454	1224			Flowing PR
Choke Size 48/64"	Tbg. Press. Flwg. SI 220	Csg. Press. 900	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status Producing PR	

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MAY 29 2019

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	

FARMINGTON FIELD OFFICE BY: _____

*(See instructions and spaces for additional data on page 2)

NMOCD

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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
OJO ALAMO	661	661			
KIRTLAND	718	717			
PICTURED CLIFFS	883	881			
LEWIS	1208	1203			
CHACRA	1441	1434			
CLIFF HOUSE	1583	1575			
MENELEE	2705	2683			
POINT LOOKOUT	2711	2692			
MANCOS	3644	3615			
GALLUP	3831	3800			

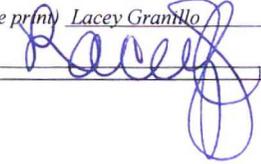
31. Formation (Log) Markers

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 Grambo Title Permit Specialist
 Signature  Date: 5/20/19

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5. Lease Serial No.
N0-G-1311-1807

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

6. If Indian, Allottee or Tribe Name

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

10. Field and Pool or Exploratory
Escavada W; Mancos

At surface

CONFIDENTIAL

SHL: 235' FSL & 228' FEL, Sec 17, T22N, R7W
BHL: 2274' FSL & 2477' FEL, Sec 7 T22N, R7W

11. Sec., T., R., M., on Block and Survey or Area
17 22N 7W

12. County or Parish
Sandoval
13. State
NM

At top prod. interval reported below At total depth

14. Date Spudded 7/6/18
15. Date T.D. Reached 7/22/18

16. Date Completed 5/2/19
[] D & A [X] Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6878'

18. Total Depth: 5358' MD
4826' - 4792' TVD

19. Plug Back T.D.: 15453' MD
4825' TVD

20. Depth Bridge Plug Set: MD
TVD

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

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

Form 3160-4
(June 2015)

UNITED STATES

MAY 20 2019

23. Casing and Liner Record (Report all strings set in well)

Table with columns: 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

24. Tubing Record

Table with columns: Size, Dept Set (MD), Packer Dept (MD), Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD)

25. Producing Intervals

Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status

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

Table with columns: Depth Interval, Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org

28. Production - Interval A

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method

ACCEPTED FOR RECORD

MAY 17 2019

28a. Production - Interval B

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method

FARMINGTON FIELD OFFICE

*(See instructions and spaces for additional data on page 2)

NMOCD

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	

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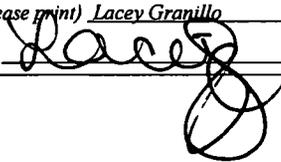
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Name (please print) Lacey Granillo Title Permit Specialist

Signature  Date: 5/13/19