

NMOCB

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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.  
NO-G-1312-1823

- 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.  
NMNM130812X

2. Name of Operator  
Enduring Resources IV, LLC

8. Lease Name and Well No.  
S Escavada Unit #353H

3. Address  
200 Energy Court Farmington NM 87401

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

9. API Well No.  
30-043-21320

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

10. Field and Pool or Exploratory  
Rusty Gallup Oil Pool

At surface Amended  
SHL: 1724' FNL & 2332' FWL SEC 26 22N 7W  
BHL: 2299' FSL & 1844' FEL SEC 22 22N 7W

11. Sec., T., R., M., on Block and Survey or Area  
26 22N 7W

12. County or Parish Sandoval  
13. State NM

At top prod. interval reported below At total depth

14. Date Spudded  
7/31/18

15. Date T.D. Reached  
9/8/18

16. Date Completed 10/30/18  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*

18. Total Depth: 11051' MD  
4735' TVD

19. Plug Back T.D.: 10875' MD  
4733' 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

Dave Mankiewicz  
DM 4/5/19

CONFIDENTIAL

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

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cemente	No. of Sks. & Type of	Slurry Vol.	Cement Top*	Amount Pulled
17-1/2"	13-3/8", J-55	54.5	0	254' MD		320	162	surface	
12-1/4"	9-5/8", J-55	36	0	2705' MD		760	1566	surface	
8-1/2"	5-1/2", P-110	17	0	11004' MD		1940	994	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	4098'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 31 <sup>st</sup>	5438'	10875'	5438'-5578'	.42	35	
Mancos 30th			5617'-5758'	.42	35	
Mancos 29th			5797'-5937'	.42	35	
Mancos 28th			5976'-6117'	.42	35	
Mancos 27th			6156'-6296'	.42	35	
Mancos 26th			6335'-6476'	.42	35	
Mancos 25th			6515'-6655'	.42	35	
Mancos 24th			6694'-6835'	.42	35	
Mancos 23 <sup>rd</sup>			6874'-7014'	.42	35	
Mancos 22 <sup>nd</sup>			7053'-7194'	.42	35	
Mancos 21 <sup>st</sup>			7233'-7373'	.42	35	
Mancos 20th			7412'-7553'	.42	35	
Mancos 19th			7592'-7732'	.42	35	
Mancos 18th			7771'-7912'	.42	35	
Mancos 17th			7951'-8091'	.42	35	
Mancos 16th			8130'-8271'	.42	35	
Mancos 15th			8310'-8450'	.42	35	
Mancos 14th			8489'-8630'	.42	35	
Mancos 13th			8669'-8809'	.42	35	

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Mancos 12th		8848'-8989'	.42	35
Mancos 11th		9028'-9170'	.42	35
Mancos 10th		9207'-9348'	.42	35
Mancos 9 <sup>th</sup>		9387'-9527'	.42	35
Mancos 8 <sup>th</sup>		9566'-9707'	.42	35
Mancos 7 <sup>th</sup>		9746'-9887'	.42	35
Mancos 6 <sup>th</sup>		9925'-10066'	.42	35
Mancos 5 <sup>th</sup>		10105'-10245'	.42	35
Mancos 4 <sup>th</sup>		10284'-10426'	.42	35
Mancos 3 <sup>rd</sup>		10464'-10605'	.42	35
Mancos 2 <sup>nd</sup>		10644'-10784'	.42	35
Mancos 1 <sup>st</sup>		10823'-10875'	.42	35

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
5438'-5578'	MC 31 <sup>st</sup> stage with 330000#, 20/40 & 30/50 PSA Sand
5617'-5758'	MC 30 <sup>th</sup> stage with 330500#, 20/40 & 30/50 PSA Sand
5797'-5937'	MC 29 <sup>th</sup> stage with 330100#, 20/40 & 30/50 PSA Sand
5976'-6117'	MC 28 <sup>th</sup> stage with 331200#, 20/40 & 30/50 PSA Sand
6156'-6296'	MC 27 <sup>th</sup> stage with 329400#, 20/40 & 30/50 PSA Sand
6335'-6476'	MC 26 <sup>th</sup> stage with 330800#, 20/40 & 30/50 PSA Sand
6515'-6655'	MC 25 <sup>th</sup> stage with 329000#, 20/40 & 30/50 PSA Sand
6694'-6835'	MC 24 <sup>th</sup> stage with 328800#, 20/40 & 30/50 PSA Sand
6874'-7014'	MC 23 <sup>rd</sup> stage with 329900#, 20/40 & 30/50 PSA Sand
7053'-7194'	MC 22 <sup>nd</sup> stage with 331500#, 20/40 & 30/50 PSA Sand
7233'-7373'	MC 21 <sup>st</sup> stage with 331000#, 20/40 & 30/50 PSA Sand
7412'-7553'	MC 20 <sup>th</sup> stage with 330300#, 20/40 & 30/50 PSA Sand
7592'-7732'	MC 19 <sup>th</sup> stage with 330500#, 20/40 & 30/50 PSA Sand
7771'-7912'	MC 18 <sup>th</sup> stage with 330800#, 20/40 & 30/50 PSA Sand
7951'-8091'	MC 17 <sup>th</sup> stage with 329900#, 20/40 & 30/50 PSA Sand
8130'-8271'	MC 16 <sup>th</sup> stage with 330000#, 20/40 & 30/50 PSA Sand
8310'-8450'	MC 15 <sup>th</sup> stage with 330300#, 20/40 & 30/50 PSA Sand
8489'-8630'	MC 14 <sup>th</sup> stage with 329900#, 20/40 & 30/50 PSA Sand
8669'-8809'	MC 13 <sup>th</sup> stage with 330900#, 20/40 & 30/50 PSA Sand
8848'-8989'	MC 12 <sup>th</sup> stage with 328250#, 20/40 & 30/50 PSA Sand
9028'-9170'	MC 11 <sup>th</sup> stage with 329550#, 20/40 & 30/50 PSA Sand
9207'-9348'	MC 10 <sup>th</sup> stage with 331500#, 20/40 & 30/50 PSA Sand
9387'-9527'	MC 9 <sup>th</sup> stage with 330400#, 20/40 & 30/50 PSA Sand
9566'-9707'	MC 8 <sup>th</sup> stage with 328750#, 20/40 & 30/50 PSA Sand
9746'-9887'	MC 7 <sup>th</sup> stage with 332100#, 20/40 & 30/50 PSA Sand
9925'-10066'	MC 6 <sup>th</sup> stage with 329575#, 20/40 & 30/50 PSA Sand
10105'-10245'	MC 5 <sup>th</sup> stage with 329500#, 20/40 & 30/50 PSA Sand
10284'-10426'	MC 4 <sup>th</sup> stage with 330000#, 20/40 & 30/50 PSA Sand
10464'-10605'	MC 3 <sup>rd</sup> stage with 330100#, 20/40 & 30/50 PSA Sand
10644'-10784'	MC 2 <sup>nd</sup> stage with 309350#, 20/40 & 30/50 PSA Sand
10823'-10875'	MC 1 <sup>st</sup> stage with 260000# 20/40 & 30/50 PSA Sand

28. Production - Interval A

Date First Produced 11/6/18	Test Date 11/6/18	Hours Tested 24 hr	Test Production →	Oil BBL 456	Gas MCF 170	Water BBL 864	Oil Gravity Corr. API.	Gas Gravity	Production Method Flowing
Choke Size 49/64"	Tbg. Press. Flwg. SI 167	Csg. Press. 98	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
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)

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

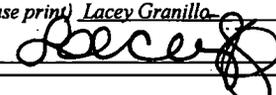
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
OJO ALAMO	521	521			
KIRTLAND	786	786			
PICTURED CLIFFS	835	835			
LEWIS	1151	1150			
CHACRA	1365	1363			
CLIFF HOUSE	1512	1508			
MENEFEE	1899	1886			
POINT LOOKOUT	2608	2576			
MANCOS	3655	3494			
GALLUP	3846	3673			

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 3/14/19