

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB NO. 1004-0137

Expires: January 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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.
NMNM135218X

2. Name of Operator
Enduring Resources IV LLC

8. Lease Name and Well No.
W Escavada Unit 302H

3. Address
200 Energy Court Farmington NM 87402

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

9. API Well No.
30-043-21305

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

10. Field and Pool or Exploratory
Escavada W; Mancos

At surface

SHL: 235' FSL & 208' FEL, Sec 17, T22N, R7W
BHL: 2269' FSL & 797' 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
8/3/18

16. Date Completed 10/23/18
☐ D & A ☒ Ready to Prod.

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

18. Total Depth: **13638' MD**
4857' TVD

19. Plug Back T.D.: **13494' MD**
4860' 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 Cement 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'		320	378	surface	
12-1/4"	9-5/8", J-55	36	0	2920'		790	1404	surface	
8-1/2"	5-1/2", P-110	17	0	13624'		1775	2414	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	4348'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
Mancos 44 th	5514'	13373'	5514'-5654'	.42"	35	ACCEPTED FOR RECORD
Mancos 43 rd			5693'-5834'	.42"	35	
Mancos 42 nd			5873'-6013'	.42"	35	
Mancos 41 st			6052'-6193'	.42"	35	
Mancos 40 th			6232'-6372'	.42"	35	
Mancos 39 th			6411'-6552'	.42"	35	
Mancos 38 th			6591'-6731'	.42"	35	
Mancos 37 th			6770'-6911'	.42"	35	
Mancos 36 th			6950'-7090'	.42"	35	
Mancos 35 th			7129'-7270'	.42"	35	
Mancos 34 th			7309'-7449'	.42"	35	
Mancos 33 rd			7488'-7629'	.42"	35	
Mancos 32 nd			7668'-7808'	.42"	35	
Mancos 31 st			7847'-7988'	.42"	35	
Mancos 30 th			8027'-8167'	.42"	35	
Mancos 29 th			8206'-8347'	.42"	35	
Mancos 28 th			8386'-8526'	.42"	35	
Mancos 27 th			8565'-8706'	.42"	35	
Mancos 26 th			8745'-8885'	.42"	35	

NMOCD

AV

4

Mancos 25th			8924'-9065'	.42"	35	
Mancos 24th			9104'-9244'	.42"	35	
Mancos 23 rd			9283'-9424'	.42"	35	
Mancos 22 nd			9463'-9603'	.42"	35	
Mancos 21 st			9642'-9783'	.42"	35	
Mancos 20th			9822'-9962'	.42"	35	
Mancos 19th			10001'-10142'	.42"	35	
Mancos 18th			10181'-10321'	.42"	35	
Mancos 17th			10360'-10501'	.42"	35	
Mancos 16th			10540'-10680'	.42"	35	
Mancos 15th			10719'-10860'	.42"	35	
Mancos 14th			10899'-11039'	.42"	35	
Mancos 13th			11078'-11219'	.42"	35	
Mancos 12th			11258'-11398'	.42"	35	
Mancos 11th			11437'-11578'	.42"	35	
Mancos 10th			11617'-11757'	.42"	35	
Mancos 9 th			11796'-11937'	.42"	35	
Mancos 8 th			11976'-12116'	.42"	35	
Mancos 7 th			12155'-12296'	.42"	35	
Mancos 6 th			12335'-12475'	.42"	35	
Mancos 5 th			12514'-12655'	.42"	35	
Mancos 4 th			12694'-12834'	.42"	35	
Mancos 3 rd			12873'-13014'	.42"	35	
Mancos 2 nd			13053'-13193'	.42"	35	
Mancos 1 st			13232'-13373'	.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
5514'-5654'	MC 44 th stage with 331000#, 20/40 & 30/50 PSA Sand
5693'-5834'	MC 43 rd stage with 330200#, 20/40 & 30/50 PSA Sand
5873'-6013'	MC 42 nd stage with 333200#, 20/40 & 30/50 PSA Sand
6052'-6193'	MC 41 st stage with 330410#, 20/40 & 30/50 PSA Sand
6232'-6372'	MC 40 th stage with 330551#, 20/40 & 30/50 PSA Sand
6411'-6552'	MC 39 th stage with 329300#, 20/40 & 30/50 PSA Sand
6591'-6731'	MC 38 th stage with 333668#, 20/40 & 30/50 PSA Sand
6770'-6911'	MC 37 th stage with 329870#, 20/40 & 30/50 PSA Sand
6950'-7090'	MC 36 th stage with 328370#, 20/40 & 30/50 PSA Sand
7129'-7270'	MC 35 th stage with 328360#, 20/40 & 30/50 PSA Sand
7309'-7449'	MC 34 th stage with 329900#, 20/40 & 30/50 PSA Sand
7488'-7629'	MC 33 rd stage with 327800#, 20/40 & 30/50 PSA Sand
7668'-7808'	MC 32 nd stage with 329400#, 20/40 & 30/50 PSA Sand
7847'-7988'	MC 31 st stage with 328470#, 20/40 & 30/50 PSA Sand
8027'-8167'	MC 30 th stage with 328600#, 20/40 & 30/50 PSA Sand
8206'-8347'	MC 29 th stage with 332210#, 20/40 & 30/50 PSA Sand
8386'-8526'	MC 28 th stage with 331940#, 20/40 & 30/50 PSA Sand
8565'-8706'	MC 27 th stage with 329700#, 20/40 & 30/50 PSA Sand
8745'-8885'	MC 26 th stage with 330380#, 20/40 & 30/50 PSA Sand
8924'-9065'	MC 25 th stage with 331400#, 20/40 & 30/50 PSA Sand
9104'-9244'	MC 24 th stage with 330490#, 20/40 & 30/50 PSA Sand
9283'-9424'	MC 23 rd stage with 330620#, 20/40 & 30/50 PSA Sand
9463'-9603'	MC 22 nd stage with 329000#, 20/40 & 30/50 PSA Sand
9642'-9783'	MC 21 st stage with 329100#, 20/40 & 30/50 PSA Sand
9822'-9962'	MC 20 th stage with 330000#, 20/40 & 30/50 PSA Sand
10001'-10142'	MC 19 th stage with 328900#, 20/40 & 30/50 PSA Sand
10181'-10321'	MC 18 th stage with 329310#, 20/40 & 30/50 PSA Sand
10360'-10501'	MC 17 th stage with 330310#, 20/40 & 30/50 PSA Sand
10540'-10680'	MC 16 th stage with 328650#, 20/40 & 30/50 PSA Sand
10719'-10860'	MC 15 th stage with 326700#, 20/40 & 30/50 PSA Sand
10899'-11039'	MC 14 th stage with 329000#, 20/40 & 30/50 PSA Sand
11078'-11219'	MC 13 th stage with 328400#, 20/40 & 30/50 PSA Sand

11258'-11398'	MC 12 th stage with 330190#, 20/40 & 30/50 PSA Sand
11437'-11578'	MC 11 th stage with 328180#, 20/40 & 30/50 PSA Sand
11617'-11757'	MC 10 th stage with 328120#, 20/40 & 30/50 PSA Sand
11796'-11937'	MC 9 th stage with 331110#, 20/40 & 30/50 PSA Sand
11976'-12116'	MC 8 th stage with 329500#, 20/40 & 30/50 PSA Sand
12155'-12296'	MC 7 th stage with 330250#, 20/40 & 30/50 PSA Sand
12335'-12475'	MC 6 th stage with 325600#, 20/40 & 30/50 PSA Sand
12514'-12655'	MC 5 th stage with 333400#, 20/40 & 30/50 PSA Sand
12694'-12834'	MC 4 th stage with 332300#, 20/40 & 30/50 PSA Sand
12873'-13014'	MC 3 rd stage with 324680#, 20/40 & 30/50 PSA Sand
13053'-13193'	MC 2 nd stage with 322400#, 20/40 & 30/50 PSA Sand
13232'-13373'	MC 1 st stage with 329020 # 20/40 & 30/50 PSA Sand

28. Production - Interval A

Date First Produced 11/1/18	Test Date 11/1/18	Hours Tested 24 hr	Test Production →	Oil BBL 259	Gas MCF 803	Water BBL 2030	Oil Gravity Corr. API.	Gas Gravity	Production Method Flowing PR
Choke Size 73/64"	Tbg. Press. Flwg. SI 209	Csg. Press. 131	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status Producing PR	

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	671	671			
KIRTLAND	728	727			
PICTURED CLIFFS	894	891			
LEWIS	1225	1213			
CHACRA	1463	1444			
CLIFF HOUSE	1612	1585			
MENEFEE	2778	2693			
POINT LOOKOUT	2801	2702			
MANCOS	3778	3625			
GALLUP	3981	3815			

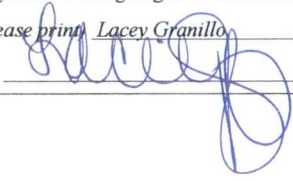
32. Additional remarks (include plugging procedure).

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: 11/5/18