

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM114991

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator **DEVON ENERGY PRODUCTION COMPANY** Contact: **REBECCA DEAL**
Email: **rebecca.deal@dvn.com**

3. Address **P O BOX 250** 3a. Phone No. (include area code)
ARTESIA, NM 88201 Ph: **405-228-8429**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Sec 20 T26S R34E Mer NMP** **SENW 2396FNL 2224FWL 32.029629 N Lat, 103.493248 W Lon**
At top prod interval reported below **Sec 20 T26S R34E Mer NMP** **SENW 2550FNL 2320FEL 32.029213 N Lat, 103.492943 W Lon**
At total depth **Sec 17 T26S R34E Mer NMP** **NENW 20FNL 2320FWL 32.050644 N Lat, 103.492958 W Lon**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. _____

8. Lease Name and Well No.
GREEN WAVE 20 17 FEDERAL 11H

9. API Well No.
30-025-46018-00-S1

10. Field and Pool, or Exploratory
BOBCAT DRAW-UPR WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area **Sec 20 T26S R34E Mer NMP**

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

14. Date Spudded **06/03/2019** 15. Date T.D. Reached **07/25/2019** 16. Date Completed D & A Ready to Prod.
12/11/2019

17. Elevations (DF, KB, RT, GL)*
3344 GL

18. Total Depth: **MD 20684** 19. Plug Back T.D.: **MD 20622** 20. Depth Bridge Plug Set: **MD**
TVD 12873 **TVD** **TVD**

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

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

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	828		952		0	426
9.875	8.625 P110	32.0	0	12274		868		0	274
7.875	5.500 P110EC	20.0	0	20670		1181		0	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	13054	20486	13054 TO 20486		744	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
13054 TO 20486	18,890,416# PROP. 25BBL ACID

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
12/11/2019	12/29/2019	24		1280.0	2471.0	4213.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI	0	2873.0		1280	2471	4213	1930	POW	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI									

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #498407 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

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, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RUSTLER	735	1120	BARREN	RUSTLER	735
SALADO	1120	5085	BARREN	SALADO	1120
BASE OF SALT	5085	5317	BARREN	BASE OF SALT	5085
DELAWARE	5317	9606	OIL/GAS	DELAWARE	5317
BONE SPRING	9606	12599	OIL/GAS	BONE SPRING	9606
WOLFCAMP	12599		OIL/GAS	WOLFCAMP	12599

32. Additional remarks (include plugging procedure):

COMPLETION OPS SUMMARY: 10/6/19-12/11/19: MIRU WL & PT prod csg to 5000psi, ok. TIH & ran CBL, found TOC @ 9950'. TIH w/pump through frac plug and guns. Perf Wolfcamp, 13,054'-20,486'. Frac totals 18,890,416# prop, 25bbls acid. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBTD 20,622'. CHC, FWB, ND BOP. No tubing ran. TOP.

See attached as-drilled C-102 and Directional Plan

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #498407 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION COM LP, sent to the Hobbs
Committed to AFMSS for processing by CHRISTOPHER WALLS on 04/16/2020 (20CRW0057SE)**

Name (please print) REBECCA DEAL Title REGULATORY ANALYST

Signature (Electronic Submission) Date 01/08/2020

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional data for transaction #498407 that would not fit on the form

32. Additional remarks, continued

Logs will be submitted via FedEx to BLM, submitted electronically to the NMOCD.

Revisions to Operator-Submitted EC Data for Well Completion #498407

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM114991	NMNM114991
Agreement:		
Operator:	DEVON ENERGY PRODUCTION CO, LP 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102 Ph: 405-228-8429	DEVON ENERGY PRODUCTION COM LP P O BOX 250 ARTESIA, NM 88201 Ph: 575-748-1854
Admin Contact:	REBECCA DEAL REGULATORY ANALYST E-Mail: rebecca.deal@dvn.com Ph: 405-228-8429	REBECCA DEAL REGULATORY ANALYST E-Mail: rebecca.deal@dvn.com Ph: 405-228-8429
Tech Contact:	REBECCA DEAL REGULATORY ANALYST E-Mail: rebecca.deal@dvn.com Ph: 405-228-8429	REBECCA DEAL REGULATORY ANALYST E-Mail: rebecca.deal@dvn.com Ph: 405-228-8429
Well Name: Number:	GREEN WAVE 20-17 FED 11H	GREEN WAVE 20 17 FEDERAL 11H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 20 T26S R34E Mer	Sec 20 T26S R34E Mer NMP
Surf Loc:	SENW 2396FNL 2224FWL	SENW 2396FNL 2224FWL 32.029629 N Lat, 103.493248 W Lon
Field/Pool:	BOBCAT DRAW; UWC	BOBCAT DRAW-UPR WOLFCAMP
Logs Run:	CBL	CBL
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	RUSTLER SALADO B/SALT DELAWARE BONE SPRING WOLFCAMP	RUSTLER SALADO BASE OF SALT DELAWARE BONE SPRING WOLFCAMP
Markers:	RUSTLER SALADO B/SALT DELAWARE BONE SPRING WOLFCAMP	RUSTLER SALADO BASE OF SALT DELAWARE BONE SPRING WOLFCAMP