

Operator

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.
NMNM94186

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.
THISTLE UNIT 159H

3. Address **333 WEST SHERIDAN AVE
OKLAHOMA CITY, OK 73102** 3a. Phone No. (include area code)
 Ph: **405-221-1232**

9. API Well No. **30-025-43659**

4. Location of Well (Report location clearly and in accordance with Federal requirements)
 At surface **SWSE 150FSL 1839FEL** Sec 33 T23S R33E Mer
 At top prod interval reported below **SWSE 75FSL 2434FEL** Sec 33 T23S R33E Mer
 At total depth **NWNE 78FNL 2296FEL** Sec 28 T23S R33E Mer

10. Field and Pool, or Exploratory
TRIPLE X; BONE SPRING

11. Sec., T., R., M., or Block and Survey
or Area **Sec 33 T23S R33E Mer**

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

14. Date Spudded **03/21/2019** 15. Date T.D. Reached **04/17/2019** 16. Date Completed
 D & A Ready to Prod. **09/23/2019**

17. Elevations (DF, KB, RT, GL)*
3564 GL

18. Total Depth: **MD 25082 TVD 9594** 19. Plug Back T.D.: **MD 25067 TVD** 20. Depth Bridge Plug Set: **MD 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	1392		661		0	356
12.250	9.625 P110EC	40.0	0	5231		1770		0	603
8.750	5.500 P110RY	17.0	0	25070		3905		3514	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) BONE SPRING	9871	25057	9871 TO 25057		2139	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9871 TO 25057	30,694,864# PROPPANT. 472 GAL 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
09/23/2019	10/15/2019	24	→	2618.0	4711.0	4094.0			FLOW FROM WELL
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	0	0.0	→				179		

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
			→						DEC 12 2019
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

DEC 12 2019

BUREAU OF LAND MANAGEMENT
ROSWELL FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #489459 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Reclamation due: 03/23/2020

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
					Mcas. Depth
RUSTLER	1331	1807	BARREN	RUSTLER	1331
SALADO	1807	5201	BARREN	SALADO	1807
B/SALT	5201	5201	BARREN	B/SALT	5201
DELAWARE	5201	9103	OIL/GAS	DELAWARE	5201
BONE SPRING	9103		OIL/GAS	BONE SPRING	9103

32. Additional remarks (include plugging procedure):
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 #489459 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO, LP, sent to the Hobbs
Committed to AFMSS for processing by JENNIFER SANCHEZ on 12/12/2019 0**

Name (please print) REBECCA DEAL Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 10/23/2019

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****