

CONFIDENTIAL

**NM OIL CONSERVATION
ARTESIA DISTRICT**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 05 2019

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **BHL: NMNM022080**

a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.
Other:

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **Devon Energy Production Company, L.P.**

8. Lease Name and Well No.
TOMB RAIDER 1-12 FED 234H

3. Address **333 West Sheridan Ave, Oklahoma City, OK 73102** 3a. Phone No. (include area code)
405-228-4248

9. AFI Well No.
30-015-44593- 44593

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

10. Field and Pool or Exploratory
LIVINGSTON RIDGE; BONE SPRING

11. Sec., T., R., M., on Block and
Survey or Area
Sec 1, T23S, R31E

At surface **360' FNL & 1010' FEL Lot 1, Sec 1, T23S, R31E**

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

At top prod. interval reported below

At total depth: **202' FSL & 418' FEL Unit P, Sec 12, T23S, R31E**

14. Date Spudded **4/15/18** 15. Date T.D. Reached **5/6/18** 16. Date Completed **12/27/18**
☐ D & A ☒ Ready to Prod.

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

18. Total Depth: MD **20410** 19. Plug Back T.D.: MD **20308** 20. Depth Bridge Plug Set: MD
TVD **10507 / 10508** TVD

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

GAMMA RAY

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

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5	13.375 J-55	54.5	SURFACE	755		828 - CUC			
12.25	9.625 J-55	40	SURFACE	12069		692 144051 - CUC			
8.375	5.5 P-110RY	17	SURFACE	10905		2540 CBL -		2607	Calculated
8.5	5.5 P-110RY	17	10905	20398					

24. Tubing Record

Size	Depth Set (MLD)	Packer Depth (MLD)	Size	Depth Set (MLD)	Packer Depth (MLD)	Size	Depth Set (MLD)	Packer Depth (MLD)
n/a	n/a							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10718	20262	10718 - 20262		1304	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10718 - 20262	FLUID: 201932 BBLs, ACID: 19320 GAL, PROPANT: 14614750 #

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	Flow
1-13-19 12/27/18	1/13/19	24	→	2689	2952	4057				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. Opsi	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
			→				1097			

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	Flow
			→							
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. Opsi	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
			→							

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

Pending BLM approvals will
subsequently be reviewed
and scanned
2-14-19

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 (Solid, 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
BONE SPRING	9718			RUSTLER SALADO DELAWARE BONESPRING 1 BONESPRING 2	714 1164 4514 8397 9718

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) Jenny Harms

Title Regulatory Analyst

Signature



Date 2/4/2019

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.

(Continued on page 3)

(Form 3160-4, page 2)

CONFIDENTIAL

**NM OIL CONSERVATION
ARTESIA DISTRICT**

FEB 05 2019

Form 3160-5
(August 2007)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED

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

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No. **BHL: NMNM022080**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
TOMB RAIDER 1-12 FED 234H

2. Name of Operator
Devon Energy Production Company, L.P.

9. API Well No.
30-015-~~449593~~ 44953

3a. Address
333 West Sheridan, Oklahoma City, OK 73102

3b. Phone No. (include area code)
405-228-4248

10. Field and Pool or Exploratory Area
LIVINGSTON RIDGE; BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**360' FNL & 1010' FEL Lot 1, Sec 1, T23S, R31E
202' FSL & 418' FEL Unit P, Sec 12, T23S, R31E**

PP: 476' FNL & 416' FEL

11. Country or Parish, State
EDDY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Completion Report
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

9/21/2018-11/21/2018: MIRU WL & PT. TIH & ran CBL, found TOC @ 2607'. TIH w/pump through frac plug and guns. Perf Bonespring, 10718-20262', total 1304 holes. Frac'd 10718-20262' in 49 stages. Frac totals: FLUID: 201932 BBLs, ACID: 19320 GAL, PROPANT: 14614750# ND frac, MIRU PU, NU BOP, DO plugs & CO to PBD 20308'. CHC, FWB, ND BOP. No tubing set.

14. I hereby certify that the foregoing is true and correct.
Name (Printed/Typed)

Jenny Harms

Title **Regulatory Analyst**

Signature

Jenny Harms

Date **2/4/2019**

THIS SPACE FOR FEDERAL OR STATE

Approved by

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on page 2)

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subsequently be reviewed
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