

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-104

Revised August 1, 2011

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Hondo Rd., Aztec, NM 87410
District IV
1229 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources APR 1 2016

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office
RECEIVED

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address Devon Energy Production Company, L.P. 333 West Sheridan, Oklahoma City, OK 73102		2 OGRID Number 6137
3 API Number 30-015-31758		4 Reason for Filing Code/ Effective Date RC NW / 2/11/16
5 Pool Name Tamano ; Bone Spring	6 Pool Code 58040	
7 Property Code 30628	8 Property Name Shugart 25 Fed Com	9 Well Number 2

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	25	18S	31E		1250	North	660	West	Eddy

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	25	18S	31E		1250	North	660	West	Eddy
12 Loc Code F	13 Producing Method Code F	14 Gas Connection Date 2/11/16	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 O/G/W
278421	Holly-Frontier 10 Desta Drive, Ste 350W Midland, TX 79710	Oil
221115	Frontier Energy Services, LLC 4200 E Skelly Dr, Ste 700 Tulsa, OK 74135	Gas

IV. Well Completion Data

FF - Well Completion Data					
²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
7/6/01	2/11/16	12,178'	12,090'	9746' - 9756'	
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement	
17-1/2"		13-3/8"	791'	775 sx CIC	
12-1/4"		8-5/8"	4289'	1750 sx CIC	
7-7/8"		5-1/2"	12,175'	1819 sx cmt	
		Tubing: 2-7/8"	9983.5'		

V. Well Test Data

31 Date New Oil 2/17/16	32 Gas Delivery Date 2/17/16	33 Test Date 2/17/16	34 Test Length 24 hrs	35 Tbg. Pressure 0 psi	36 Csg. Pressure 250 psi
37 Choke Size	38 Oil 0 bbl	39 Water 60 bbl	40 Gas 0 mcf	41 Test Method	
42 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Rebecca Deal</i>			OIL CONSERVATION DIVISION		
Printed name: Rebecca Deal			Approved by: <i>Karen Sharp</i>		
Title: Regulatory Compliance Analyst			Title: <i>Bus Op Spec-Adv</i>		
E-mail Address: rebecca.deal@dm.com			Approval Date: <i>4-16-16</i>		
Date: 3/30/2016		Phone:	Pending BLM approvals will subsequently be reviewed and scanned		

Submit new well test within 60 days to determine Well Type

63

UNITED STATES DISTRICT COURT
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APR 1 2016

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 enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. BHL: NMLC065680

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.
Shugart 25 Fed Com 2

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

9. API Well No.
30-015-31758

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
Tamano ; Bone Spring

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1250' FNL & 660' FWL Unit D, Sec 25, T18S, R31E
1250' FNL & 660' FWL Unit D, Sec 25, T18S, R31E

PP: 1250' FNL & 660' FWL

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Re-Completion Report
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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/BLA. 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.)

Morrow perfs 11670-12042

RA Morrow
9/29/15--MIRU WSU. TOOH with 2-3/8" prod tubing. 10/26/15--Set CIBP @ 11,620'. Capped w/35' cement. Tagged TOC @ 11,585'
10/9/15--Spot 30 sx CIH @ 11,585'. Tagged TOC @ 11,315'. 10/10/15--Spot 45 sx CIH @ 11,315'. Tagged TOC @ 11,219'.
10/12/15--Spot 17 sx CIH @ 11,219'. Tagged TOC @ 11,134'. 10/13/15--Run Caliper, CBL, USIT, and Temp logs. TOC @ 4,642'.
10/15/15--Perfed 3rd Bone Spring @ 9,746' - 9,756', 3 SPF, 60 deg phase. 10/17/15--Land 2-7/8" work string @ 9,226'. 10/19/15-11/4/15--Install DFIT gauges. Performed DFIT test on Bone Spring perfs. 11/12/15--Frac'd 3rd Bone Spring perfs 9,746'-9,756' w/ 500 gals acid, 428 BSW, 954 BBLS 18# Turquoise, 140,220# 20/40. Avg 5276 psi, 25 BPM, FG .70, ISIP 2594 psi. 11/13/15--Ran temp and tracer surveys. 11/13/15-11/15/15--Attempt flow back. Flowed back ~ 500 BW. Well dead. 1/20/16-1/22/16--MIRU WSU. Flowed back 21 BBLS frac gel. 1/25/16-1/29/16--Pumped 339 BBLS 2% KCl, w/6# APB-1 and 5 Gals LEB 300. Flowed back 272 BW. Swabbed back 187 BW. 2/1/16--POOH w/work string. 2/2/16--RIH w/2-7/8" production tubing to 9,983'. 2/4/16--RIH w/rod pump and mixed rod string. Well SD pending prod. 2/11/16--Test 0 BO, 18 BW, 0 MCF. 2/17/16--Test 0 BO, 60 BW, 0 MCF. See attached current wellbore schematic.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
Rebecca Deal

Title Regulatory Compliance Analyst

Signature

Rebecca Deal

Date 3/30/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Pending BLM approvals will subsequently be reviewed and scanned

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 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 a fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

agency of the United States any false.

(Instructions on page 2)

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 1 2016

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **BHL: NMLC065680**

1a. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other 1b. 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.: Shugart 25 Fed Com 2	
3. Address: 333 West Sheridan Ave, Oklahoma City, OK 73102		9. API Well No.: 30-015-31758	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface: 1250' FNL & 660' FWL Unit D, Sec 25, T18S, R31E At top prod. interval reported below: At total depth: 1250' FNL & 660' FWL Unit D, Sec 25, T18S, R31E		10. Field and Pool or Exploratory: Tamano ; Bone Spring 11. Sec., T., R., M. on Block and Survey or Area: Sec 25, T18S, R31E 12. County or Parish: Eddy 13. State: NM	
14. Date Spudded: 7/6/01		15. Date T.D. Reached: 8/8/01	
16. Date Completed: 2/11/16 ☐ D & A ☒ Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* GL: 3678'	
18. Total Depth: MD 12,178' TVD 12,178'		19. Plug Back T.D.: MD 12,090' TVD _____	
20. Depth Bridge Plug Set: MD _____ TVD _____		21. Type Electric & Other Mechanical Logs Run (Submit copy of each): Radial Cement Bond GR CCL	
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. (lb/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BDL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" H-40	48#	0	791'		775 sx CIC		0	
12-1/4"	8-5/8" L-80 & K-55	32#	0	4289'		1750 sx CIC		0	
7-7/8"	5-1/2" L-80	20# & 17#	0	12,175'		1819 sx cmt		4642'	

24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	9983.5'								

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status	
A) Bone Spring	9746'	9756'	9746' - 9756'		30	open	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, etc.		Amount and Type of Material
Depth Interval		
9746' - 9756'		378 gals 15% HCL Acid, 140,220# 20/40 White

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
2/11/16	2/17/16	24	→	0	0	60			Flow
Choke Size	Thg. Press. Plwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas-Oil Ratio	Well Status	
	Opsl	250psi	→				0		

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	Thg. Press. Plwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas-Oil Ratio	Well Status	
			→						

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

17

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	Thg. Press. Flow. 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	Thg. Press. Flow. 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				Rustler	781'
				Delaware	4478'
				Brushy Canyon	4700'
				Bone Spring	6457'
				Morrow	11434'

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) Rebecca Deal

Title Regulatory Compliance Analyst

Signature Rebecca Deal

Date 3/30/2016

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 2160-4, page 2)