

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

DEC 24 2015

Form C-104
Revised August 1, 2011

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 Reason for Filing Code/ Effective Date NW / 11/13/15
⁴ API Number 30-025-42137	⁵ Pool Name WC-025 G-06 S223421L; Bone Spring	⁶ Pool Code 97922
⁷ Property Code 30864	⁸ Property Name Gaucho 21 Federal	⁹ Well Number 4H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	21	22S	34E		200	South	1500	West	Lea

¹¹ 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
C	21	22S	34E		343	North	1973	West	Lea

¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 11/13/15	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
035246	Shell Trading (US) Company P.O. Box 4604 Houston, TX 77210	Oil
024650	Targa Permian, LP 1000 Louisiana, Ste 4300 Houston, TX 77002	Gas

IV. Well Completion Data

²¹ Spud Date 7/31/15	²² Ready Date 11/13/15	²³ TD 14890	²⁴ PBTB 14853	²⁵ Perforations 10758 - 14832	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8'	1850	1390 sx Cement; Circ 323 sx		
12-1/4"	9-5/8"	5010	1725 sx Cement; Circ 170 bbls		
Cmt Squeeze			61 sx CIG; Circ 0		
Cmt Squeeze	Tubing: 2-7/8"	9844	85 sx CIG; Circ 0		

V. Well Test Data

³¹ Date New Oil 12/10/15	³² Gas Delivery Date 12/10/15	³³ Test Date 12/10/15	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 975 psi	³⁶ Csg. Pressure 3725 psi
³⁷ Choke Size	³⁸ Oil 1182 bbl	³⁹ Water 661 bbl	⁴⁰ Gas 1608 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: *Lucretia Morris*
Printed name: Lucretia Morris
Title: Regulatory Compliance Analyst
E-mail Address: lucretia.morris@dmn.com
Date: 12/22/2015 Phone: 405-552-3303

OIL CONSERVATION DIVISION
Approved by: *[Signature]*
Title: Petroleum Engineer
Approval Date: 01/19/16

E-PERMITTING -- New Well _____
Comp. ☒ P&A _____ TA _____
CSNG _____ Loc CHG _____
ReComp _____ Add New Pool _____
Cancel Well _____ Create Pool _____

JAN 20 2016

OK

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 24 2015

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS** RECEIVED
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: NMNM43564

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.

Gaucha 21 Federal 4H

2. Name of Operator

Devon Energy Production Company, L.P.

9. API Well No.

30-025-42137

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

WC-025 G-06 S223421L; Bone Spring

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

200' FSL & 1500' FWL Unit N, Sec 21, T22S, R34E

343' FNL & 1973' FWL Unit C, Sec 21, T22S, R34E

PP: 271' FSL & 1767' FWL

11. Country or Parish, State

Lea, 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 recompleat 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 recompleat 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.)

9/4/15-11/13/15: MIRU WL & PT. TIH & ran CBL, found ETOC @ 962'. TIH w/pump through frac plug and guns. Perf 2nd Bone Spring, 10758'-14832', total 756 holes. Frac'd 10758'-14832' in 21 stages. Frac totals 18,585 gals 15% HCl Acid, 1,139,000# Ottawa Sand 40/70, 3,259,000# Ottawa Sand 30/50 and 2,031,000# Ottawa Sand 20/40. ND frac, MIRU PU, NU BOP, DO plugs & CO to PBDT 14879'. CHC, FWB, ND BOP. RIH w/ 300 jts 2-7/8" L-80 tbg, set @ 9843.5'. TOP.

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

Name (Printed/Typed)

Lucretia Morris

Title Regulatory Compliance Analyst

Signature



Date 12/22/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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)

HOBBS OCD

DEC 24 2015

RECEIVED

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. BHL: NMNM43564

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 Company, L.P.8. Lease Name and Well No.
Gaucho 21 Federal 4H3. Address 333 West Sheridan Ave, Oklahoma City, OK 73102 3a. Phone No. (include area code)
405-228-42489. AFI Well No.
30-025-42137

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

10. Field and Pool or Exploratory
WC-025 G-06 S223421L; Bone Spring11. Sec., T., R., M., on Block and
Survey or Area
Sec 21, T22S, R34E12. County or Parish
Lea 13. State
NMAt surface
200' FSL & 1500' FWL Unit N, Sec 21, T22S, R34E

At top prod. interval reported below

At total depth 343' FNL & 1973' FWL Unit C, Sec 21, T22S, R34E

14. Date Spudded
7/31/1515. Date T.D. Reached
8/18/1516. Date Completed 11/13/15
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
GL: 3432.218. Total Depth: MD 14890
TVD 1033319. Plug Back T.D.: MD 14853
TVD20. Depth Bridge Plug Set: MD
TVD

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

Cement Bond Log / GR-CCL / Isolation Scanner / Cement Print / Gamma Ray-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. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer 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	1850		1390 sx Cement		0	323 sx
12-1/4"	9-5/8" HCK-55	40#	0	5010		1725 sx Cement		0	170 bbls
mt Squeeze						61 sx CIC		4818	
mt Squeeze						85 sx CIC		4818	
8-3/4"	5-1/2" P-110	17#	0	14890		2510 sx CIH		25	20 bbls

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"	9844							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) 2nd Bone Spring	10758	14832	10758 - 14832		756	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10758 - 14832	18,585 gals 15% HCl Acid, 1,139,000# Ottawa Sand 40/70, 3,259,000# Ottawa Sand 30/50, 2,031,000# Ottawa Sand 20/4

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
11/13/15	12/10/15	24	→	1182	1608	661			Flow
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	975psi	3725psi	→				1360.406		

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)

CJX

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
2nd Bone Spring	10103			2nd Bone Spring	10103

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) Lucretia MorrisTitle Regulatory Compliance Analyst

Signature

Lucretia MorrisDate 12/22/2015

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)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

DEC 24 2015

RECEIVED

FORM APPROVED
OMB NO. 1004-0135
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.**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM43564
2. Name of Operator DEVON ENERGY PRODUCTION CO LP Contact: LUCRETIA A MORRIS Email: Lucretia.Morris@dyn.com		6. If Indian, Allottee or Tribe Name
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-552-3303	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T22S R34E SESW 200FSL 1500FWL 32.369918 N Lat, 103.475018 W Lon		8. Well Name and No. GAUCHO 21 FEDERAL 4H
		9. API Well No. 30-025-42137-00-X1
		10. Field and Pool, or Exploratory WC-025 G06 S223421L
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

(7/31/15 ? 8/3/15) Spud @ 12:00. TD 17-1/2? hole @ 1850?. RIH w/ 45 jts 13-3/8? 54.50# J-55 BTC csg, set at 1850?. Lead w/ 970 sx Extendacem C, yld 1.74 cu ft/sk. Tail w/ 420 sx Halcem, yld 1.34 cu ft/sk. Disp w/ 279 bbls FW. Circ 323 sx cmt to surf. PT BOPE @ 250/3000 psi. PT back to pumps, manual I-BOP, TIW, and dart valve @ 250/4000 psi, OK. PT csg to 1200 psi for 30 mins, OK.

(8/6/15 ? 8/10/15) TD 12-1/4? hole @ 5010?. RIH w/ 112 jts 9-5/8? 40# HCK-55 BTC csg, set at 5010?. 1st stage cmt lead w/ 200 sx CIH, yld 1.98 cu ft/sk. Tail w/ 270 sx CIH, yld 1.19 cu ft/sk. Disp w/ 110 bbls FW & 267 bbls brine water. Circ 30 bbls cmt to surf. 2nd stage cmt lead w/ 1120 sx CIC, yld 1.98 cu ft/sk. Tail w/ 135 sx CIH, yld 1.32 cu ft/sk. Disp w/ 290 bbls FW. Circ 140 bbls cmt to surf. PT BOPE @ 250/3000 psi, OK. PT csg to 1500 psi for 30 mins, OK. 1st cmt squeeze as follows: Lead w/ 61 sx CIC, yld 1.33 cu ft/sk. ETOC @ 4818?, btm @ 5020?. 2nd cmt squeeze as follows: Lead w/ 85 sx CIC, yld 1.33 cu ft/sk. ETOC @ 4818?, btm @ 5025.

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

Electronic Submission #324477 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 11/24/2015 (16JAS0155SE)**

Name (Printed/Typed) LUCRETIA A MORRIS	Title REGULATORY COMPLIANCE ANALYST
Signature (Electronic Submission)	Date 11/23/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	(BLM Approver Not Specified)	Date 11/27/2015
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 Hobbs

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.

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

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Additional data for EC transaction #324477 that would not fit on the form

32. Additional remarks, continued

(8/18/15 ? 8/21/15) TD 8-3/4? hole @ 14890?. RIH w/ 333 jts 5-1/2? 17# P-110 CDC csg, set at 14890?. Lead w/ 1230 sx CIH, yld 2.31 cu ft/sk. Tail w/ 1280 sx CIH, yld 1.22 cu ft/sk. Disp w/ 344.3 bbls FW. Circ 20 bbls cmt to surf. RR @ 19:00.