

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

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

☐ 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 / 8/31/14
⁴ API Number 30-015-41619	⁵ Pool Name Hackberry; Bone Spring	⁶ Pool Code 97056
⁷ Property Code 38504	⁸ Property Name Helios 6 Fed Com	⁹ Well Number 3H

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
P	6	19S	31E		195	South	270	East	Eddy

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
1/A	6	19S	31E		400	North	385	East	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 8/31/14	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
036785	DCP Midstream P.O. Box 50020 Midland, TX 79710-0020	Gas
NM OIL CONSERVATION ARTESIA DISTRICT SEP 24 2014		

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IV. Well Completion Data

²¹ Spud Date 7/6/14	²² Ready Date 8/31/14	²³ TD 12587	²⁴ PBDT 12540	²⁵ Perforations 8009 - 12530	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"		13-3/8"	650		700 sx CIC; Circ 175 sx
12-1/4"		9-5/8"	4005		1900 sx CIC; Circ 162 sx
8-3/4"		5-1/2"	12587		2216 sx CIH; Circ 0
		Tubing: 2-7/8"	7501.5		

V. Well Test Data

³¹ Date New Oil 9/19/14	³² Gas Delivery Date 9/19/14	³³ Test Date 9/19/14	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 600 psi	³⁶ Csg. Pressure 400 psi
³⁷ Choke Size	³⁸ Oil 411 bbl	³⁹ Water 1329 bbl	⁴⁰ Gas 3007 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:

Megan Moravec

Printed name:

Megan Moravec

Title:

Regulatory Compliance Analyst

E-mail Address:

megan.moravec@dmn.com

Date:

9/23/2014

Phone:

Approved by:

Bill Dado

Title:

Dist. II Supervisor

Approval Date:

10-9-14

Pending BLM approvals will subsequently be reviewed and scanned

3160-4
3160-5

SEP 24 2014

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. BHL: USA NM66437	
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,		6. If Indian, Allottee or Tribe Name	
Other: _____		7. Unit or CA Agreement Name and No. NM128248	
2. Name of Operator Devon Energy Production Company, L.P.		8. Lease Name and Well No. Helios 6 Fed Com 3H	
3. Address 333 West Sheridan Ave, Oklahoma City, OK 73102		9. API Well No. 30-015-41619	
3a. Phone No. (include area code) 405-228-4248		10. Field and Pool or Exploratory Hackberry; Bone Spring	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*		11. Sec., T., R., M., on Block and Survey or Area Sec 6, T19S, R31E	
At surface 195' FSL & 270' FEL Unit P, Sec 6, T19S, R31E		12. County or Parish Eddy	
At top prod. interval reported below		13. State NM	
At total depth 400' FNL & 385' FEL Lot 1, Sec 6, T19S, R31E		17. Elevations (DF, RKB, RT, GL)* GL: 3507.7	
14. Date Spudded 7/6/14	15. Date T.D. Reached 7/23/14	16. Date Completed 8/31/14	
		<input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	
18. Total Depth: MD 12587 TVD 7766.06	19. Plug Back T.D.: MD 12540 TVD	20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Cement Bond Gamma Ray Casing Collar Log		22. Was well cored? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" H-40	48#	0	650		700 sx CIC		0	175 sx
12-1/4"	9-5/8" HCK-55	40#	0	4005		1900 sx CIC		0	162 sx
8-3/4"	5-1/2" P-110	17#	0	12587		2216 sx CIH		1350	

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"	7501.5								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Bone Spring	8009	12530	8009 - 12530		360	open			
B)									
C)									
D)									

27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
8009 - 12530	60,027 gals 15% HCl Acid, 1,827,780 # 30/50 White, 894,000 # 20/40 SLC								

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
8/31/14	9/19/14	24	→	411	3007	1329			Flow
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	600psi	400psi	→				7316.3		

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

Pending BLM approvals will subsequently be reviewed and scanned

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

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	7879			Rustler	562
				Salt	695
				Base of Salt	2134
				Tansil	2209
				Yates	2324
				SVRV	2625
				Captain	2713
				Queen	3212
				SNDR	3733
				Delaware	4462
				BRCN	5139
				BRCL	6065
				1st Bone Spring Lm	6368
				1st Bone Spring Ss	7879

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) Megan Moravec

Title Regulatory Compliance Analyst

Signature *Megan Moravec*

Date 9/23/2014

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

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: USA NM66437**

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

NM128248

8. Well Name and No.
Helios 6 Fed Com 3H

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

9. API Well No.
30-015-41619

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
Hackberry; Bone Spring

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
195' FSL & 270' FEL Unit P, Sec 6, T19S, R31E
400' FNL & 385' FEL Lot 1, Sec 6, T19S, R31E

PP: 244' FSL & 440' 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 type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Completion Report</u>	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
<input type="checkbox"/> Final Abandonment Notice	<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 recomplate 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 recomplate 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.)

8/1/14-8/29/14: MIRU WL & PT. TIH & ran CBL, found ETOC @ 1350'. TIH w/pump through frac plug and guns. Perf Bone Spring, 8009'-12530' total 360 holes. Frac'd 8009'-12530' in 10 stages. Frac totals 60,027 gals 15% HCl Acid, 1,827,780 # 30/50 White, 894,000 # 20/40 SLC. ND frac, MIRU PU, NU BOP, DO plugs. FWB, ND BOP. RIH w/211 jts 2-7/8" L-80 tbg, set @ 7501.5'. TOP.

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 24 2014

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

Megan Moravec

Title **Regulatory Compliance Analyst**

Signature

Megan Moravec

Date **9/23/2014**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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 the applicant to conduct operations thereon.

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

(Instructions on page 2)