

District I

PO Box 1980, Hobbs, NM 88241-1980

District II

PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

Form C-104

Revised October 18, 1994

Instructions on back

## OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Month - Year  
MAY 23 2007  
OCD - ARTESIA, N.M.

Submit to Appropriate District Office

5 Copies

☒ AMENDED REPORT

## I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator Name and Address Devon Energy Production Company, LP 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		<sup>2</sup> OGRID Number 6137
		<sup>3</sup> Reason for Filing Code RC
<sup>4</sup> API Number 30-015-34964	<sup>5</sup> Pool Name Red Lake; Q-GB San Andres	<sup>4</sup> Pool Code S1300
<sup>7</sup> Property Code	<sup>8</sup> Property Name Hawk 8 N Federal	<sup>9</sup> Well Number 21

II. <sup>10</sup> Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
N	8	18S	27E		330	South	1500	West	Eddy

<sup>11</sup> Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 3/14/2007	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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## III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
015694	Navajo Refining PO Box 159 Artesia NM 88211		O	
9171	DCP Midstream PO Box 50020 Midland TX 79710-0020		G	

## IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
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## V. Well Completion Data

<sup>25</sup> Spud Date 7/3/2006	<sup>26</sup> Ready Date 3/14/2007	<sup>27</sup> TD 3410'	<sup>28</sup> PBTD 2765'	<sup>29</sup> Perforations 1829-2595'	<sup>30</sup> DHC, DC, MC
<sup>31</sup> Hole Size 12 1/4"	<sup>32</sup> Casing & Tubing Size 8 5/8 / J-55	<sup>33</sup> Depth Set 412'	<sup>34</sup> Sacks Cement 265 sx Class C; circ 41 sx		
7 7/8"	5 1/2 / J-55	3410'	820 Class C; circ 63 sx		

## VI. Well Test Data

<sup>35</sup> Date New Oil 3/14/2007	<sup>36</sup> Gas Delivery Date 3/14/2007	<sup>37</sup> Test Date 3/18/2007	<sup>38</sup> Test Length 24	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil 66	<sup>43</sup> Water 391	<sup>44</sup> Gas 58	<sup>45</sup> AOF	<sup>46</sup> Test Method

"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

Printed Name:

Norvella Adams

Title:

Sr. Staff Engineering Technician

Date:

5/21/2007

Phone:

(405) 552-8198

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

Title:

DISTRICT II GEOLOGIST

Approval Date:

<sup>48</sup> If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
EXPIRES: NOVEMBER 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., <input type="checkbox"/> Other						5. Lease Serial No. <b>NM-89156</b>			
						6. If Indian, Allottee or Tribe Name			
2. Name of Operator <b>DEVON ENERGY PRODUCTION COMPANY, LP</b>						7. Unit or CA Agreement Name and No.			
3. Address <b>20 North Broadway, Ste 1500 Oklahoma City, OK 73102-8260</b>						8. Lease Name and Well No. <b>Hawk 8 N Federal 21</b>			
3a. Phone No. (include area code) <b>405-552-8198</b>						9. API Well No. <b>30-015-34964</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface <b>N</b> At top prod. Interval reported below  At total Depth						10. Field and Pool, or Exploratory <b>Red Lake; Q-GB San Andres</b>			
11. Sec, T., R., M., on Block and Survey or Area <b>8 18S 27E</b>						12. County or Parish 13. State <b>Eddy NM</b>			
14. Date Spudded <b>7/3/2006</b>		15. Date T.D. Reached <b>7/11/2006</b>		16. Date Completed <b>3/14/2007</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DR, RKB, RT, GL)* <b>3432' GL</b>			
18. Total Depth: MD <b>3410'</b> TVD		19. Plug Back T.D.: MD <b>2765'</b> TVI		20. Depth Bridge Plug Set: MD TVI		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>DLL/MGRD / SONIC / SLDL/DSN/CSNG</b>									
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 Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8 / J-55	24#	0	412'		265 sx Class C; circ 41 sx		0	
7 7/8"	5 1/2 / J-55	15.5#	0	3410'		820 Class C; circ 63 sx		0	
			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)	
2 7/8"	2609'								
25. Producing Intervals									
Formation		Top	Bottom	26. Perforation Record					
				Perforated Interval	Size	No. Holes	Perf. Status		
Glorieta-Yeso		2844'	3145'	2844-3145'	0.04	32	Below RBP		
San Andres		1829'	2595'	1829-2595'	0.04	40	Producing		
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
2844-3145'		Acidize with 3000 gallons 15% HCl. Frac with 130,100 gallons 10# Brine + 15,500# 100% lite Prop 125 14/30 sand + 20,500 # 100% Siberprop 16/30 sand.							
1829-2595'		Acidize with 3000 gallons 15% HCl. Frac with 22,000 gallons Aqua Frac 1000 + 135,500# 100% 20/40 sand + 24,500 # 100% Siberprop 16/30 sand.							
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
3/14/2007	3/18/2007	24	→	66	58	391			Pumping
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	66	58	391	879	Producing Oil Well	
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 reverse side)

## 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	Ibg. 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	Ibg. 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 reverse side)

Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

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
				San Andres	1274
				Glorietta	2737
				Yeso	2824

Additional remarks (include plugging procedure):

3/7/07 MIRU. TOOH with rods, pump, and tubing. TIH with RBP and set at 2765'. Circulate hole clean. Test RBP to 1500#. Dumped 20' sand on RBP. TOOH with tubing.

3/8/07 RIH with guns and perforate San Andres 1 SPF at 1829-2595'; 40 0.40 EHD holes. RD W/L. TIH with packer and set at 1771'.

3/9/07 RU. Acidize with 3000 gallons 15% HCl acid. Release packer. TOOH with tubing and packer. ND BOP. NU Frac valve.

3/12/07 RU. Frac San Andres with 22,000 gallons Aqua Frac 1000 + 135,500 # 100% 20/40 sand + 24,500 # 100% 16/30 Siberprop and flush with 1,785 gallons slick fresh water. RD

3/13/07 Flow well back.

3/14/07 TIH with bailer - bail sand. TOOH with bailer. TIH with pump, rods, and tubing. Hung well on production.

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

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)

Norvella Adams

Title

Sr. Staff Engineering Technician

Signature

Date

5/21/2007

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.