

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Devon Energy Production Co., L.P. 20 North Broadway OKC, OK 73102-8260		<sup>2</sup> OGRID Number 6137
<sup>3</sup> Property Code	<sup>3</sup> Property Name Burton Flat Deep Unit	<sup>3</sup> API Number 30-015-20762
<sup>9</sup> Proposed Pool 1 Burton Flat; Strawn		<sup>9</sup> Well No. 2
<sup>9</sup> Proposed Pool 2 10 Proposed Pool 2		

**7 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	2	21S	27E		1275	North	1980	West	Eddy

**8 Proposed Bottom Hole Location If Different From Surface**

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

**Additional Well Information**

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3298' GL
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 11,600' (CIBP @ 11,000')	<sup>18</sup> Formation Burton Flat; Atoka	<sup>19</sup> Contractor	<sup>20</sup> Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method:				
Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	605'	750 sx	
12 1/4"	9 5/8"	36#	2797'	1250 sx	
8 3/4"	5 1/2"	17#	12599'	600 sx	

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Devon Energy Production Company, LP requests approval to plugback to the Burton Flat; Strawn from the existing Burton Flat; Atoka as follows:

1. RUPU. ND tree. NU BOP. Release packer. POOH. LD ~425' of tubing.
2. RU wireline truck. RIH w/ Junk Basket/Gauge-ring/CCL tool to 10,700'. Wireline set CIBP at ~10,640'. (Dump bail 35' cmt after perforating). Perforate Strawn w/ 3 1/8" guns loaded 4 spf 90° phasing as follows: 10,120'-27'(7'), 10,200'-04'(4'), 10,266'-72(6'), 10,512'-24'(12'), and 10,536'-39'(3') Total 33' (132 holes). Note: Tie CBL to Schlumberger Platform Express log dated 1/24/1973.
3. RIH w/ 5 1/2" packer and set at 10,080'. RU swab. Swab well down.
4. RU BJ Services. Stimulate interval with 15% acid as per BJ Recommendation. RD. RU swab and test.
5. Depending on swab test, might remove packer and lower EOT to ~10,500'.
6. RU swab. Swab well on production. RDMO.

Open Perfs: 10,668'-905' Squeezed Perfs: 5,386-5414' CIBP @ 11,000' Packer @ 10,566' Note: No H2S is expected to be encountered. BOP to be used.

*Work Only DHC Required to produce Strawn & Atoka*

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Stephanie A. Ysasaga		Approved by: <b>BRYAN G. ARANT</b>	
Title: Sr. Staff Engineering Technician		Title: <b>DISTRICT II GEOLOGIST</b>	
E-mail Address: Stephanie.Ysasaga@devon.com		Approval Date: <b>MAY 08 2007</b> Expiration Date: <b>MAY 08 2008</b>	
Date: 05/01/2007	Phone: (405)-552-7802	Conditions of Approval Attached <input type="checkbox"/> <i>Special Pool Rules Apply for Burton Flat; Strawn</i>	

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2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-20762	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name BURTON FLAT; STRAWN
<sup>4</sup> Property Code	<sup>5</sup> Property Name BURTON FLAT DEEP UNIT	<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 6137	<sup>8</sup> Operator Name DEVON ENERGY PRODUCTION CO., LP	<sup>9</sup> Elevation

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	2	21S	27E		1275	NORTH	1980	WEST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> 				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>STEPHANIE A. YSASAGA</u> Printed Name: <u>SR. STAFF ENG TECH</u> Title: <u>05/01/07</u> Date:	
<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____					