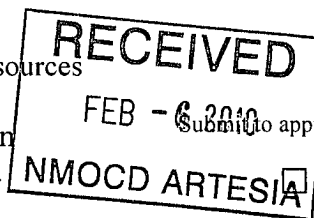


District I  
1625 N French Dr., Hobbs, NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

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



Form C-101  
May 27, 2004

RM

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 Company, LP 20 North Broadway, Oklahoma City, Oklahoma 73102-8260		<sup>2</sup> OGRID Number 6137
		<sup>3</sup> API Number 30 - 015-33111
<sup>4</sup> Property Code 33142	<sup>5</sup> Property Name LOGAN 2 C STATE	<sup>6</sup> Well No. 3
<sup>9</sup> Proposed Pool 1 Red Lake San Andres, <del>NE</del>		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no C	Section 2	Township 18S	Range 27E	Lot Idn	Feet from the 530	North/South line North	Feet from the 2310	East/West line West	County Eddy
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**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
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**Additional Well Information**

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3588'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 4000'	<sup>18</sup> Formation YESO	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 9/10/56
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
12 1/4"	8 5/8"	I55 / 24#	470'	300 CLC	0'
7 7/8"	5 1/2"	I55 / 15.5#	3666'	795 Poz	0'

<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.

1. MIRU PU. TOH & LD rods and pump.
2. ND wellhead. NU BOP.
3. MIRU and RIH with perforating gun. Perforate San Andres from 2060'-2387'; 1 SPF, 0.38" holes.
4. RIH with packer and RBP. Set RBP at ~ 2,600' and set packer at ~ 2,010'. Acidize per recommendation. Unset packer and POOH with packer and tubing.
5. ND BOP and NU frac valve. Frac San Andres per recommendation. Flow well back. ND frac valve and NU BOP.
6. RIH with tubing, rods and pump. Hang well on production.
7. RDMO.

<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 ☐, a general permit ☒, or an (attached) alternative OGD-approved plan ☐.

Printed name Norvella Adams  
Title Sr Staff Eng Tech  
E-mail Address norvella.adams@dmn.com

Date February 1, 2010

Phone (405) 552-8198

**OIL CONSERVATION DIVISION**

Approved by:

Title:

Approval Date: 2/29/2010

Expiration Date:

Conditions of Approval Attached ☐

## DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

## DISTRICT II

811 South First, Artesia, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33111	Pool Code 51300	Pool Name Red Lake; Queen-Grayburg-San Andres ✓
Property Code 33142	Property Name LOGAN "2C" STATE	Well Number 3
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3588'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	2	18 S	27 E		530	NORTH	2310	WEST	EDDY

## 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

Dedicated Acres 40	Joint or Infill	Consolidation Code	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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Norvella Adams Printed Name Sr. Staff Eng. Tech Title February 2, 2010 Date
	<b>SURVEYOR CERTIFICATION</b>  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.  OCTOBER 29, 2003 Date Surveyed Signature of Gary L. Jones Seal of Professional Surveyor No. 3669 Certificate No. 7977 BASIN SURVEYS