

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  
June 16, 2008

RECEIVED

MAY 03 2010

HOBBS

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 Company, L.P. 20 North Broadway Oklahoma City, Oklahoma 73102-8260		<sup>2</sup> OGRID Number 6137	
<sup>3</sup> Property Code 23309 302249		<sup>4</sup> API Number 30 - 25 - 35533	
<sup>5</sup> Property Name Townsend State		<sup>6</sup> Well No 10	
<sup>9</sup> Proposed Pool 1 Strawn South		<sup>10</sup> Proposed Pool 2 Townsend Permian Upper Penn	

<sup>7</sup> Surface Location									
UL or lot no C/3	Section 3	Township 16S	Range 35E	Lot Idn	Feet from the 800'	North/South line North	Feet from the 1980	East/West line West	County Lea

<sup>8</sup> 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 P	<sup>15</sup> Ground Level Elevation 4014'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 12,720'	<sup>18</sup> Formation Atoka	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 4/12/2003

<sup>21</sup> 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	543	534	0
11"	8 5/8"	32	4866	2305	0
7 7/8"	5 1/2"	17	12720	1400	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

- MIRU. ND wellhead and NU BOP. POOH with tubing and packer.
- RIH with CIBP and set at ~ 11,700'. Dump bail 35' of cement on top of CIBP RIH and perforate from 11,517-11,554' at 3 spf, 0.38" holes, 48 total shots
- RIH with packer and set at ~ 11,440'. Acidize Strawn with 3000 gallons of 15% HCl. If well produces, hang well on. If not test Wolfcamp as follows
- RIH with CIBP and set at ~ 11,480'. Dump bail 35' of cement on top RIH and perforate from 10,454-10,486' at 3 spf, 0.38" holes, 39 total shots
- RIH with packer and set at ~ 10,375'. Acidize with 3000 gallons 15% HCl. Swab test.
- RIH and perforate 10,256'-10,262' at 4 spf, 0.38, 28 total shots. RIH with packer and set at ~ 10,175'. Acidize with 1500 gallons 15% HCl. Swab test.
- RIH with CIBP and set at ~ 9,760'. Dump bail 35' of cement on top. RIH and perforate from 9650'-9660' at 3 spf, 0.38" holes, 30 total shots.
- RIH with packer and set at ~ 9,570'. Acidize with 2000 gallons 15% HCl. Swab test. Frac per recommendation.
- RIH with rods and pump ND BOP and NU wellhead. RDMO PU

We will test each Wolfcamp zone separately. If one of the first zones is producing at an economic rate, we will not perforate the additional perfs until testing further.

<sup>23</sup> I hereby certify 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

E-mail Address norvella.adams@dv.com

Date April 29, 2010

Phone: (405) 552-8198

OIL CONSERVATION DIVISION

Approved by: 

Title. PETROLEUM ENGINEER

Approval Date: MAY 04 2010

Expiration Date:

Permit Expires 2 Years From Approval  
Date Unless Drilling Underway  
Plugback

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

HOBBSON

Form C-102  
Revised March 17, 1999

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

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35533		Pool Code 96690	Pool Name Strawn South	
Property Code 23309302249	Property Name TOWNSEND STATE			Well Number 10
OGRID No. 6137	Operator Name Devon Energy Production Company, L.P.			Elevation 4014'

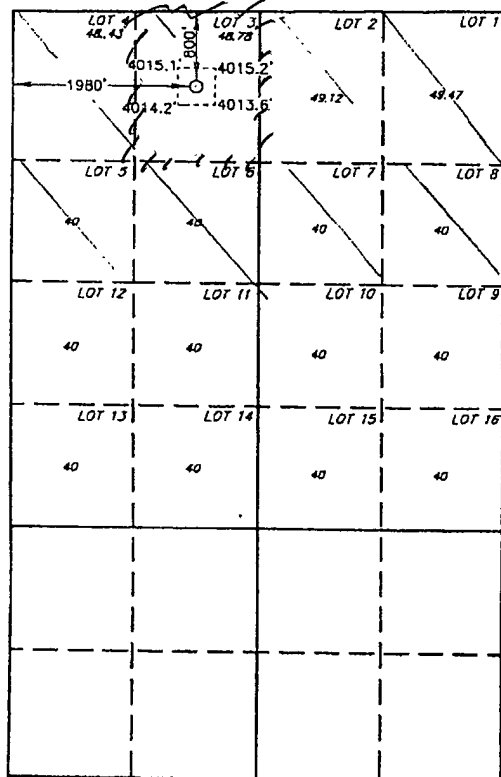
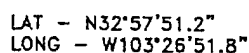
### Surface Location

UL or lot No. C/3	Section 3	Township 16 S	Range 35 E	Lot Idn	Feet from the 800'	North/South line NORTH	Feet from the 1980'	East/West line WEST	County LEA
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## 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	Joint or Infill	Consolidation Code	Order No.						
40									

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



SCALE: 1"=2000'

## OPERATOR CERTIFICATION

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 Engineering Tech**

**Title**

April 29, 2010

Date \_\_\_\_\_

### 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.

MARCH 19, 2003

Date Surveyed:

Signature & Seal of  
Professional Surveyor

INDEX



4763 273

15/11/19

151 A.D. No. 3

~~SECRET~~

Certificate No. Gary

100

11P

BASIN-SURVEY

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# RECEIVED

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 87506

State of New Mexico  
Energy, Minerals and Natural Resources Department

MAY 03 2010

Form C-102  
Revised March 17, 1999

HOBBS 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 <b>30-025-35533</b>	Pool Code <b>59847</b>	Pool Name <b>Townsend Permo Wolfcamp Upper Penn</b>
Property Code <b>23309</b>	Property Name <b>TOWNSEND STATE</b>	Well Number <b>10</b>
OGRID No. <b>6137</b>	Operator Name <b>Devon Energy Production Company, L.P.</b>	Elevation <b>4014'</b>

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>C/3</b>	<b>3</b>	<b>16 S</b>	<b>35 E</b>		<b>800'</b>	<b>NORTH</b>	<b>1980'</b>	<b>WEST</b>	<b>LEA</b>

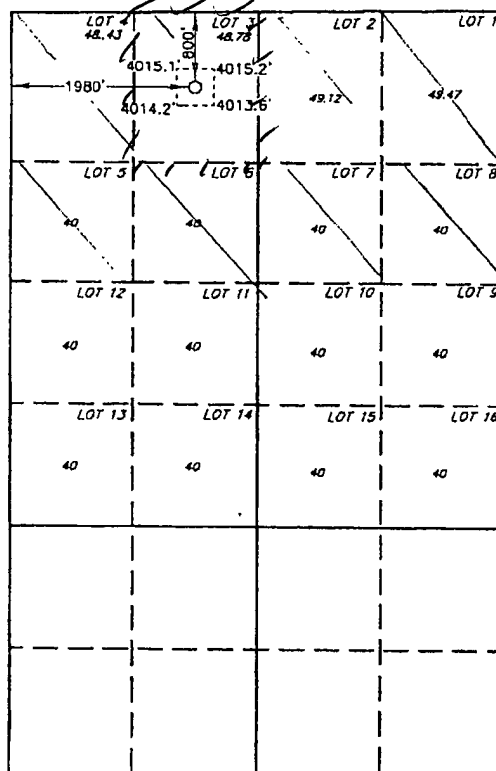
#### Bottom Hole Location If Different From Surface

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

Dedicated Acres <b>40</b>	Joint or Infill <input checked="" type="checkbox"/>	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

LAT - N32°57'51.2"  
LONG - W103°26'51.8"



SCALE: 1"=2000'

#### OPERATOR CERTIFICATION

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 Engineering Tech**

Title

**April 29, 2010**

Date

#### 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.

**MARCH 19, 2003**

Date Surveyed

Signature **GARY L JONES**  
Professional Surveyor



No. **3137**

Certificate No. **Gary L. Jones**

**7977**

JLP BASIN SURVEYS

MAR 2003  
Hobbs  
OCD