

## 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

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> Property Code 302208 5944	<sup>4</sup> Property Name Bogle State Com	<sup>5</sup> API Number 30 - 015-22307
<sup>9</sup> Proposed Pool 1 Wildcat Wolfcamp		<sup>10</sup> 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
H	2	16S	27E		2560	North	660	East	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 Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3578'
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 8780'	<sup>18</sup> Formation Upper Penn	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 10/22/77
Depth to Groundwater 100 feet or more		Distance from nearest fresh water well Not in wellhead protection area		Distance from nearest surface water Approximately 500'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input 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

<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. Load casing and test to 500 psi.
2. MIRU completion rig. ND tree, NU BOP. POOH with tubing and packer.
3. RIH and set CIBP at +/- 7900' with 35' cement dumped on top.
4. RIH with casing guns and perforate Wolfcamp from 6,512 - 6,516' (4 SPF)
5. POOH with guns. RIH with packer and set at +/- 6,450'. Swab test.
6. If necessary, Acidize Wolfcamp per recommendation. Flow/Swab back
7. Turn well to production

NSP - 1167 (Artesia)

<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@dvn.com

Date: September 14, 2006

Phone: (405) 552-8198

## OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT  
DISTRICT II GEOLOGIST

Title:

Approval Date: SEP 18 2006 Expiration Date: SEP 18 2007

Conditions of Approval Attached ☐

**DEVON ENERGY PRODUCTION COMPANY LP**

Well Name: BOGLE STATE COM 1		Field: DIAMOND MOUND	
Location: 2560' FNL & 660' FEL; SEC 2-T16S-R27E		County: EDDY	State: NM
Elevation: 3590' RKB; 3578' GL		Spud Date: 10/22/77	Compl Date: 12/8/77
API#: 30-015-22307	Prepared by: Ronnie Slack	Date: 8/29/06	Rev:

**CURRENT SCHEMAT**

17-1/2" hole

**13-3/8", 72#, H40, YB BT&C, @ 345'**

Cmt'd w/350 Sx + 4 yds redi-mix to surface

11" Hole

**8-5/8", 24#, K55, ST&C, @ 1632'**

Cmt'd w/675 Sx. TOC @ 130' (temp survey)

Perfed 3 sqz holes @ 6490'. Sqzd 1250 sx cement to surface--(2/14/81)

TOC @ 6540' (cbl)

**PENN** (6/22/02)

7926' - 7932' 4 SPF

7994' - 8003' 4 SPF

6/24/02: acidized w/1500 gals 15% HCl

**MORROW (ATOKA)** (12/5/77)

8438 - 8446

8578 - 8583

8600 - 8602

7-7/8" Hole

**4-1/2", 11.6#, K55, LTC, 0 - 1571'**

**4-1/2", 10.5#, K55, STC, 1571' - 6164'**

**4-1/2", 11.6#, K55, LTC, 6164' - 8780'**

Cmt'd w/730 Sx

1/80: Casing inspection log indicated possible holes from 4988-4998' and pitting from 4766-5088'. 3 sqz holes shot at 6490' and 1250 sx cement squeezed up 4-1/2" annulus to surface.

**249 Jts: 2-3/8", 4.7#, J55, Production Tubing** (6/22/02)

T2 on/off tool w/1.875 F profile

**Arrowset Packer @ 7886'** (6/22/02)

2-3/8" x 6' pup jt

w/ re-entry guide. EOT @ 7900'

**35' Cement. PBTD @ 8365'**

**CIBP @ 8400'** (6/21/02)

**PBTD @ 8714'**

8780' TD