

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

APR 22 2008 ☐ AMENDED REPORT
OCD-ARTESIA

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

¹ Operator Name and Address Devon Energy Production Company, L P 20 North Broadway, Oklahoma City, Oklahoma 73102-8260		² OGRID Number 6137
		³ API Number 30 - 15-21707
⁴ Property Code 303519	⁵ Property Name Higgins Trust Inc Com	⁶ Well No. 1
⁹ Proposed Pool 1 Wildcat Upper Wolfcamp		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
A	13	18S	26E		990	NORTH	990	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

¹¹ Work Type Code A	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3287' GL
¹⁶ Multiple	¹⁷ Proposed Depth 9,342'	¹⁸ Formation Atoka Penn	¹⁹ Contractor	²⁰ Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
<u>Pit</u> Liner Synthetic <input type="checkbox"/> _____ mls 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

²² 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, L.P. requests approval to re-complete to the Wolfcamp zone as follows:

1. MIRU workover rig. ND wellhead and NU BOP. Drill out CIBP @ 3515'.
2. MIRU WL unit and perforate for cement squeeze at 6300' with cement retainer at 6250'. Perform cement squeeze from 6300' up to calculated TOC of 5600'.
3. RIH and perforate the Wolfcamp formation from 6076' to 6082', 2 spf, 0.40 EHD holes. Pick up and set packer at +/- 5970'. Acidize Wolfcamp at 6076'-6082' down tubing with 3000 gallons 15% HCl.
4. Release packer. Swab test Wolfcamp.

²³ 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 OCD-approved plan ☐.

Printed name: Norvella Adams

Title: Sr Staff Eng Tech.

E-mail Address norvella.adams@dv.com

Date March 27, 2008

Phone 405-552-8198

OIL CONSERVATION DIVISION

Approved by.

Jim W. Green

Title: District II Supervisor

Approval Date: 4/30/08

Expiration Date: 4/30/10

Conditions of Approval Attached ☐

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-21707	² Pool Code 96086	³ Pool Name Wildcat Wolfcamp
⁴ Property Code 303579	⁵ Property Name Higgins Trust Inc Com	⁶ Well Number 1
⁷ OGRID No. 6137	⁸ Operator Name Devon Energy Production Company, L.P.	⁹ Elevation 3287'

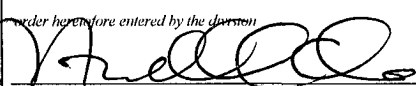
¹⁰ Surface Location

UL or lot no. A	Section 13	Township 18S	Range 26E	Lot Idn	Feet from the 990	North/South line NORTH	Feet from the 990	East/West line EAST	County EDDY
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¹¹ 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
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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.

¹⁶						¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature Date 3/27/08 NORVELLA ADAMS Printed Name
						¹⁸ 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 Previously surveyed November 21, 1975 Date of Survey Signature and Seal of Professional Surveyor Certificate Number