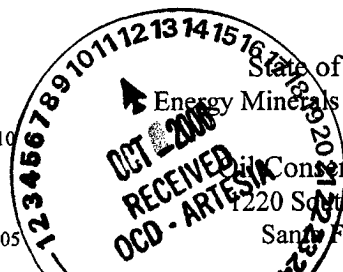


District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505



State of New Mexico
Energy Minerals and Natural Resources
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

Operator Name and Address Devon Edergy Production Co., LP 20 North Broadway OKC, OK 73102-8260		OGRID Number 6137
Property Code 34684		API Number 30 -015-34135
Property Name Lovelace 27 Fee		Well No. 2
Proposed Pool 1 Carlsbad; Strawn		Proposed Pool 2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	27	22S	27E		2410'	South	1165'	East	Eddy

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

Work Type Code N	Well Type Code G	Cable/Rotary Rotary	Lease Type Code S	Ground Level Elevation
Multiple No	Proposed Depth 12,200'	Formation Carlsbad; Morrow South	Contractor	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"/>				

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#	369'	370 Poz	0
12 1/2"	9 5/8"	40#	5535'	2765 sx Poz circ 200 nit	0
8 3/4"	5 1/2"	17#	12200'	2160 sx Poz H	TOC @ 4310'

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.

Strawn
zone as follows:

Devon Energy Production Company, LP requests approval to re-complete to the

- MIRU Completion rig, ND Tree, NU BOPE.
- POOH with existing packer and tubing, SB tubing
- RIH with 5-1/2" GR to 12,000', ensuring casing is clear for CIBP. POOH with GR
- PU and RIH with CIBP and set same in 5-1/2" casing at +/- 12,000'. Cap with minimum 35' cmt using WL bailer
- RIH and perforate Strawn formation from bottom up in the following intervals
 - 10708-30, 10652-98, 10522-46, 10502-08, 10414-36, 10328-50, and 10288-94 at 3 spf, 60 degree phasing
- Swab test perforations and determine gas entry and acidize same if necessary
- RIH with packer setting packer above perfs and utilize 2-7/8" N80 tubing if well is commercial.
- Turn well to sales if commercial

No H2S is expected to be encountered. 5000 psi Double and Hydril with drilling spool & rotating head to be used. NSL attached.

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 NMOC guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Stephanie A. Ysasaga

Title: Sr. Staff Engineering Technician

E-mail Address: Stephanie.Ysasaga@dvni.com

Date: 10/08/06

Phone: (405)-552-7802

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARANT
DISTRICT II GEOLOGIST

Title:

Approval Date: OCT 11 2006

Expiration Date: OCT 11 2007

Conditions of Approval Attached ☐

DISTRICT I
1825 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	Pool Code 74040	Pool Name Carlsbad; Strawn
Property Code	Property Name LOVELACE "27" FEE	Well Number 2
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3106'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	27	22 S	27 E		2410	SOUTH	1165	EAST	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	Joint or Infill	Consolidation Code	Order No.
320			

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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Norvellia Adams Printed Name Sr. Staff Eng .Tech. Title April 27 2005 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. APRIL 21, 2005 Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 5335 Certificate No. Gary L. Jones 7977 BARRY SURVEYS