

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

FEB 04 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 Co., L.P. 20 North Broadway OKC, OK 73102-8260		² OGRID Number 6137	
³ Property Code		⁴ API Number 30-015-33922	
⁵ Property Name Grand 22		⁶ Well No. 3	
⁹ Proposed Pool 1 Carlsbad; Strawn		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	22	22S	27E		660	North	1210	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
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Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3094' GL
¹⁶ Multiple No	¹⁷ Proposed Depth 12,130'	¹⁸ Formation Carlsbad; Morrow South	¹⁹ Contractor	²⁰ Spud Date
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner Synthetic <input type="checkbox"/> _____ mls 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
17 1/2"	13 3/8"	48#	405'	565 sx CLC 17 sx to nit	surface
12 1/2"	9 5/8"	40#	5438'	2650 sx CLC 378 to nit	surface
8 3/4"	5 1/2"	17#	12130'	2100 sx CLC 142 to nit	TOC @ 4000' CBI

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, LP requests approval to plugback to the Strawn from the existing Carlsbad; Morrow South (Gas):

- Will test/add additional Morrow pay/interval to determine if wet (11,686' - 11,691') before proceeding to Strawn.
- See attached procedures for Morrow add pay and plugback to the Strawn.
- No H2S is expected to be encountered. BOP to be used
- Completion papers to be filed if successful plugback, or subsequent report of operations if well deemed uneconomical.

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@dvn.com

Date: 02/01/2008

Phone (405)-552-7802

OIL CONSERVATION DIVISION

Approved by

BRYAN G. ARRANT
DISTRICT II GEOLOGIST

Title

Approval Date FEB 07 2008

Expiration Date.

FEB 07 2010

Conditions of Approval Attached ☐

Devon Energy Corporation
Grandi 22-3
660' FNL & 1210' FEL - SEC 22 – T22S – R27E
Eddy County, NM

AFE#139847 API # 30-015-33922 WI=84%

Objective: Test additional Morrow interval and if wet, recomplete to Strawn.

Well Data:

Surface Casing:	13-3/8" 48# H-40 STC @ 405' (TOC surface)
Intermed Casing:	9-5/8" 40# J-55 LTC @ 5438' (TOC surface)
Production Casing:	5 1/2" 17# P-110 LTC @ 12130' (TOC 4000')
KB elev:	3094' GL elev: 3111' Drilled: 2005 PBTD 11,887' (frac sand) 12,060'-FC
Tubing:	2 7/8" 6.5# N-80 EUE 8rd (340 jts, TAC, 29 jts, sn, ma) EOT 11,754'
Rods:	166-1.25"FG, 114-7/8", 95-3/4", and 8-1.25" bars (2.5x1.5x36 RHBC pump)
Existing Perfs:	11,555'-63', 11,574'-81', 11,794-949' (10 intervals) Morrow
Proposed Perfs:	11,686'-91' Morrow 10,474'-82', 10,534'-40' and 10,652'-58' Strawn

Procedure:

1. RUPU. POOH w/ rods and pump. ND wellhead. NU BOP. Release TAC and POOH w/tubing. Note: Pressure test tubing to 6,000 psig and pickle.
2. RU wireline truck. Make JB/GR run to PBTD. Set CIBP at 11,790' and bail 10' cement on plug after perforating. Perforate Morrow with 3 1/8" guns loaded 4 spf from 11,686'-91' (5').
3. RIH w/ 5 1/2" packer on tubing and set at ~11,660'. ND BOP. NU B-1 Flanged Adapter.
4. RU swab. Swab test well. Note: might move packer up hole to ~11,530' to swab test all open Morrow intervals before laying down rods.
5. If necessary, RU BJ Services and Stimulate Morrow with 7½ % acid as per recommendation. Take 5, 10, and 15 min. pressures. RD BJ.
6. RU swab. Swab well on production.
7. If non-commercial, abandon Morrow by setting CIBP at 11,520' with 35' cement. Perforated Strawn with 3 1/8" guns loaded 4 spf as follows: 10,474'-82' (8'), 10,534'-40' (6'), and 10,652'-58' (6'). Total 20' and 80 holes.
8. RIH w/ 5 1/2" packer on tubing and set at ~10,450'. ND BOP. NU wellhead.
9. RU swab. Swab dry.
10. RU BJ Services and stimulate Strawn with 15% gelled acid down tubing as per recommendation. Take 5, 10, and 15 min pressures. RD BJ.
11. RU swab. Swab well on production. RDMO.

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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 30-015-33922	² Pool Code 74040	³ Pool Name Strawn Carlsbad
⁴ Property Code	⁵ Property Name Grandi 22	⁶ Well Number 3
⁷ OGRID No. 6137	⁸ Operator Name Devon Energy Production Co., L.P.	⁹ Elevation 3094'

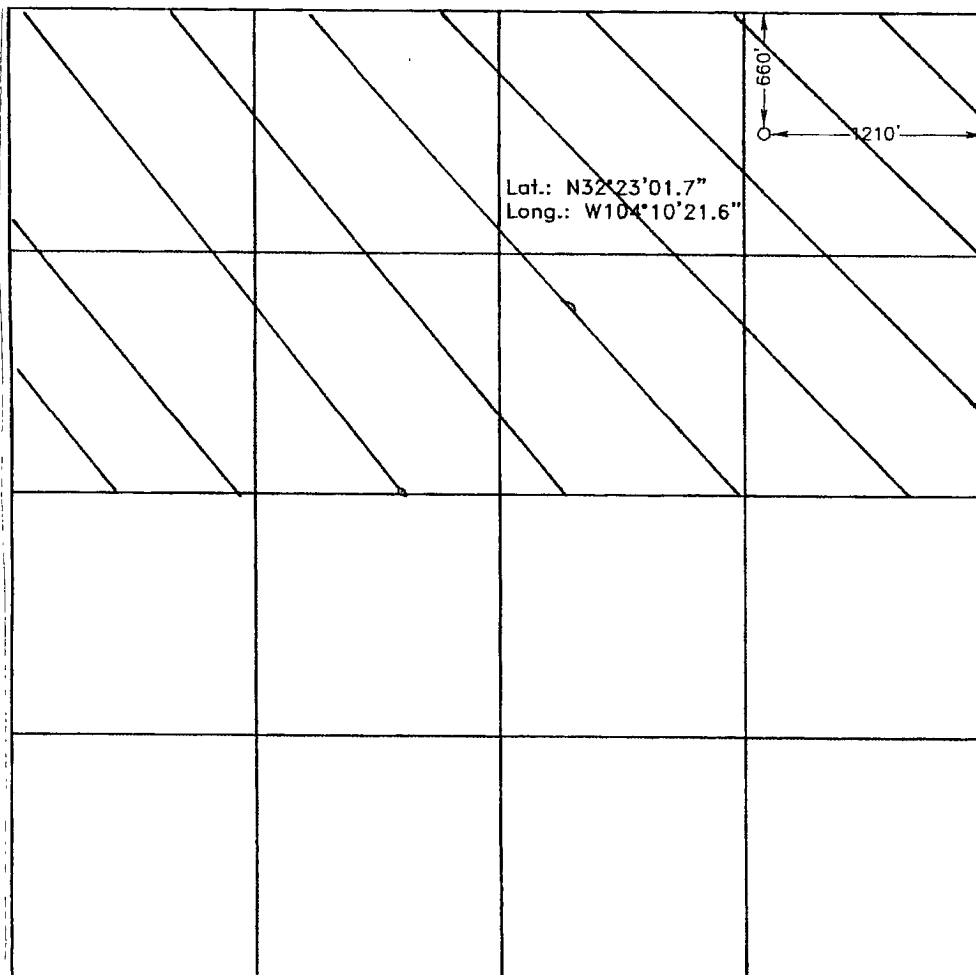
¹⁰ Surface Location

UL or lot no. A	Section 22	Township 22S	Range 27E	Lot Idn	Feet from the 660	North/South line South	Feet from the 1980	East/West line West	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.

**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: *[Signature]* Date: 02/01/09
 Printed Name: Stephanie A. Ysasaga

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

Date of Survey

Signature and Seal of Professional Surveyor

See Original Plat for Surveyor Certification

Certificate Number

DISTRICT I
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DISTRICT II
811 South First, Artesia, NM 88210

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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	Pool Name
		Carlsbad Morrow South
Property Code	Property Name	Well Number
	GRANDI "22"	3
OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION COMPANY LP	3094'

Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
A	22	22 S	27 E		660	NORTH	1210	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot ldn	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Linda Guthrie</u> Signature Linda Guthrie Printed Name Sr. Reg. Specialist Title 01/21/05 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>December 02, 2004</p> <p>Date Surveyed Signature <u>GARY L JONES</u> Professional Surveyor Professional Surveyor No. 4876 Certificate No. 7977 JLP BASIN SERVICES</p>
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