

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

MAR 04 2010

Submit to appropriate District Office

☐ AMENDED REPORT

NMOCD 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 OKC, OK 73102-8260		² OGRID Number 6137
³ Property Code	⁴ Property Name Chase 2 State Com	⁵ API Number 30-015-32803
⁹ Proposed Pool 1 Strawn (74080)		⁶ Well No. 3
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
M	2	22S	27E		1310	South	1310	West	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
M	2	22S	27E		1310	South	1310	West	Eddy

Additional Well Information

¹¹ Work Type Code Recomplete	¹² Well Type Code Gas	¹³ Cable/Rotary R	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3108' GL
¹⁶ Multiple N	¹⁷ Proposed Depth 12,250'	¹⁸ Formation Morrow	¹⁹ Contractor	²⁰ Spud Date 09/01/2003
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
²¹ Proposed Casing and Cement Program				

Pit: Liner: Synthetic ☐ _____ mils thick Clay ☐ Pit Volume: _____ bbls Drilling Method: _____
Closed-Loop System ☒ Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

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# H-40	450'	400 sx C/C	Surface
12 1/4"	9 5/8"	40# N-80 & L-55	2620'	1050 sx C/C	Surface
7 7/8"	5 1/2"	17# HCP-110	12 250'	1850 sx C/C	4000'

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 proposes to recomplete from the Strawn to the Morrow; see attached procedures:

- Depth to groundwater is 50' or more, but less than 100', distance to surface water is approximately 1000' or more, well is not in the wellhead protection area.
- No earthen pit to be constructed, closed loop system to be utilized; Form C-144 CLEZ approved 04/01/2009.
- No H2S is expected to be encountered; H2S plan provided. 5000 psi Double and Hydril with drilling spool & rotating head to be used.
- Completion papers to be filed if a successful test; or subsequent report of work if no economic reserves.
- If it is deemed non-commercial then it will be plugged and abandoned in accordance with the rules and regulations established by the New Mexico OCD.

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: Stephanie A. Ysasaga
Title: Sr. Staff Engineering Technician
E-mail Address: Stephanie.Ysasaga@dmv.com

Date: 03/03/2010

Phone: (405)-552-7802

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: 3/16/2010

Expiration Date:

Conditions of Approval Attached ☐

Devon Energy Corporation
Chase State 2 State 3
SEC 2 – T22S – R27E
1310' FSL & 1310' FWL
Eddy County, NM
AFE 153382 API # 30-015-32803 WI=50%

Objective: **Recomplete to Strawn from Morrow**

Well Data:

Surface Casing: 13-3/8" 48# H-40 STC @ 450' (TOC surface)
Intermed Casing: 9-5/8" 36# J-55 STC @ 2,700' (TOC surface)
Production Casing: 5 1/2" 17# P-110 LTC @ 11,991' (DV tool 8497' and TOC ~1000')

KB elev: 3126' Drilled: 2004

PBTD: 11,900' (fill at 11,569') TD: 12,000'

Tubing: 2 7/8" 6.5# N-80 EUE 8rd (358 jts)

Packer: Arrow-Set w/ o-o tool at 11,396' (tubing set)

Existing Perfs: 11,458'-11,614' (Morrow – seven intervals)

Proposed Perfs: 10,275'-96', 10,364'-80', and 10,416'-36' (Strawn)

Procedure:

1. RUPU. Bleed pressure off tubing and casing. Kill tubing with 20 bbls lease water, if necessary. ND tree. NU BOP.
2. Release packer and POOH. Have packer re-dressed.
3. RU wireline truck and lubricator and pressure test. Set CIBP at ~11,430' and cap with 35' of cement. Perforate Strawn with 3 1/8" TAG guns loaded 2 spf 60° phasing from 10,275'-96' (21'), 10,364'-80' (16'), and 10,416'-36' (20'). Total 57' and 104 holes. Note: Correlate to Halliburton Neutron Density dated June 17, 2004.
4. RIH w/ 5 1/2" packer/ o-o tool and set at ~10,240'. Load and test backside to 1000 psig.
5. ND BOP. NU tree.
6. RU BJ Services equipment and isolation tool. Test lines. Stimulate Strawn with acid frac down tubing as per BJ recommendation. Take 5, 10 and 15 minute pressures. RD BJ.
7. Flow or swab well on production.
8. RDMO.

GM 2/24/10

DISTRICT I
P.O. Box 1880, Hobbs, NM 88241-1880

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32803	Pool Code 74080	Pool Name Carlson STRAWN, East
Property Code 32278	Property Name CHASE 2 STATE Com.	Well Number 3
OCRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3108'

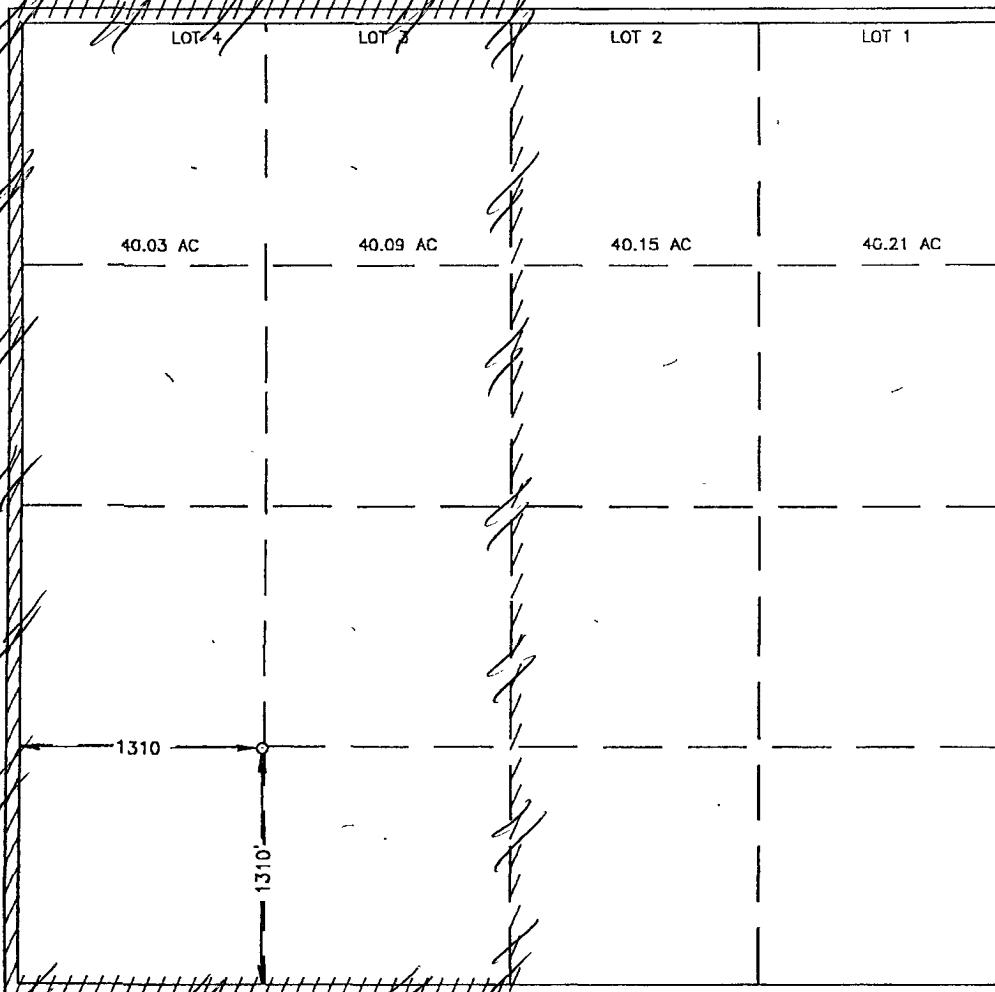
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	2	22-S	27-E		1310'	SOUTH	1310'	WEST	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 320		Joint or Infill	Consolidation Code	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



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
STEPHANIE A. YASAGA
Printed Name
SR. STAFF ENG TECH
Title
03/02/2010
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.

May 05, 2003

Date Surveyed
Signature & Seal of
Professional Surveyor
RONALD J. KIDSON
03.11.0483

Certificate No. RONALD J. KIDSON 3239
GARY KIDSON 12641