

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 144227

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

1. Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 20 N Broadway Oklahoma City, OK 73102		2. OGRID Number 6137
		3. API Number 30-025-40495
4. Property Code 39108	5. Property Name COTTON DRAW 32 STATE	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	32	24S	32E	I	2310	S	660	E	LEA

8. Pool Information

PADUCA;DELAWARE, NORTH	49490
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3486
14. Multiple N	15. Proposed Depth 8482	16. Formation Delaware	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	850	1050	0
Int1	12.25	9.625	40	4500	1800	0
Prod	8.75	5.5	17	8482	2000	4000

Casing/Cement Program: Additional Comments

13-3/8" Lead w/800 sx C1 C + 2% bwoc Calcium Chloride + 0.125 #/sx CF + 4% bwoc Bentonite + 81.4% FW, 13.5 ppg, Yld 1.75 cf/sx. Tail w/ 250 sx C1 C + 2% bwoc Calcium Chloride + 0.125#/sx CF + 56.3% FW, 14.8 ppg, Yld 1.35 cf/sk TOC @ surface. 9 5/8" - Lead w/1500 sx (35:35) Poz (Fly Ash)C1 C + 5% bwow Sodium Chloride + 0.125#/sx CF + 6% bwoc Bentonite + 107.8% FW, 12.5 ppg, 2.05 cf/sx. Tail w/300 sx(60:40)Poz C1 C + 5% bwow Sodium Chloride + 0.125#/sx CF + 0.4% bwoc Sodium Metasilicate + 4% bwoc MPA-5 + 52.7% Wtr, 13.8 ppg, Yld 1.38 cf/sx. TOC @ surface. 5-1/2" - Lead w/500 sx (35:65) Poz (Fly Ash)C1 H + 5% bwow Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 2% bwoc Bentonite + 0.6% bwoc Sodium Metasilicate + 0.5% bwoc FL-52A + 102.5% FW, 12.5 ppg, 2.00 cf/sx. Tail w/1500 sx (50:50) Poz (Fly Ash)C1 H + 1% bwow Sodium Chloride + 0.2% bwoc R-3 + 0.125#/sx CF + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 58.3% FW, 14.2 ppg, 1.28 cf/sx. TOC @ 4000'.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
DoubleRam	3000	3000	

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 <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Randy Bolles	Approved By: Paul Kautz	
Title: Manager, Regulatory Affairs	Title: Geologist	
Email Address: randy.bolles@dmn.com	Approved Date: 3/21/2012	Expiration Date: 3/21/2014
Date: 3/14/2012	Phone: 405-228-8588	Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 144227

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40495	2. Pool Code 49490	3. Pool Name PADUCA;DELAWARE, NORTH
4. Property Code 39108	5. Property Name COTTON DRAW 32 STATE	6. Well No. 001
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3486

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	32	24S	32E		2310	S	660	E	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00	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

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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(s) 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.

E-Signed By: Randy Bolles
Title: Manager, Regulatory Affairs
Date: 3/14/2012

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.

Surveyed By: Filimon Jaramillo
Date of Survey: 2/8/2012
Certificate Number: 12797

Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: COTTON DRAW 32 STATE #001

API: 30-025-40495

Created By	Comment	Comment Date
barnettj	Devon intends to commence drilling operations with a spudder rig prior to the expiration of the governing State of New Mexico Oil & Gas lease and continue such operations in accordance with the lease for the purpose of extending the term of the lease.	2/13/2012
barnettj	No H2S is expected to be encountered.	2/13/2012
barnettj	The BOP system used to drill the 12-1/4" and 8-3/4" hole will consist of a 13-5/8" 3M Triple Ram and Annular preventer. The BOP system will be tested as per BLM Onshore Oil and Gas Order No. 2 as a 3M system prior to drilling out the casing shoe. The pipe rams will be operated and checked as per Onshore Order No 2. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.	2/29/2012
Artesia	Rejected this location is in Lea County not Eddy Couty. You need to correct the county name and resubmit so Hobbs District can approve it	3/1/2012
pkautz	land f/S	3/15/2012
CHERRERA	OCD RECIEVED FORM C144 CLEZ. OCD PERMIT # P1-04336	3/20/2012

Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: COTTON DRAW 32 STATE #001

API: 30-025-40495

OCD Reviewer	Condition
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string