

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 143286

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 30-025-40422
4. Property Code 38953	5. Property Name TIN CUP 35 STATE COM	6. Well No. 002H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	36	18S	34E	E	2130	N	990	W	LEA

8. Pool Information

AIRSTRIP;BONE SPRING	960
----------------------	-----

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3968
14. Multiple N	15. Proposed Depth 15615	16. Formation 2nd Bone Spring Sand	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	54	1920	1500	0
Int1	12.25	9.625	40	5350	1840	0
Prod	8.75	5.5	17	15615	365	0
Prod	8.75	5.5	17	9200	2205	4850

Casing/Cement Program: Additional Comments

13 3/8 - Lead w/1100sx (35:65) Poz (Fly Ash)C1 C + 0.125#/sx CF + 4% bwoc Bentonite + 1% bwoc Sodium Metasilicate + 5% bwoc MPA-5 + 5% bwoc Sodium Chloride + 101.3% FW 12.8 ppg Yld: 1.97 TOC @ Surf. Tail w/400sx C1 C 2% bwoc Calcium Chloride + 0.125#/sx CF + 56.3% FW 14.8 ppg Yld 1.35 cf/sx. 9 5/8 Lead w/1540sx (60:40) Poz (Fly Ash) C1 C + 5% bwoc Sodium Chloride + 0.125E/sx CF + 3E/sx LCM-1 + 1% bwoc Sodium Metasilicate + 89.7% FW 12.6 ppg Yld 1.73 cf/sx. TOC @ surf. Tail w/300sx (60:40) Poz (Fly Ash)C1 C + 5% bwoc Sodium Chloride + 0.125#/sx CF + 0.4% bwoc Sodium Metasilicate + 4% bwoc MPA-5 + 65.5% FW 13.8 ppg Yld: 1.38 cf/sx. 5 1/2 1st Stage: Lead w/580 sx (35:65) Poz (Fly Ash)C1 H + 3% bwoc Sodium Chloride + 0.125#/sx CF + 6% bwoc Bentonite + 0.7% bwoc FL-52A + 105.4% FW 12.5 ppg Yld 1.73 cf/sx. Tail w/1625 sx (50:50) Poz (Fly Ash) C1 H + 5% bwoc Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 0.5% bwoc FL-52 + 0.4% bwoc Sodium Metasilicate + 57.2% FW 14.2 ppg Yld 1.28 cf

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

Printed Name: Electronically filed by Randy Bolles

Title: Manager, Regulatory Affairs

Email Address: randy.bolles@dmn.com

Date: 1/25/2012

Phone: 405-228-8588

OIL CONSERVATION DIVISION

Approved By: Paul Kautz

Title: Geologist

Approved Date: 1/26/2012

Expiration Date: 1/26/2014

Conditions of Approval Attached

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-102
August 1, 2011
Permit 143286

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40422	2. Pool Code 960	3. Pool Name AIRSTRIP;BONE SPRING
4. Property Code 38953	5. Property Name TIN CUP 35 STATE COM	6. Well No. 002H
7. OGRID No. 6137	8. Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	9. Elevation 3968

10. Surface Location

UL - Lot E	Section 36	Township 18S	Range 34E	Lot Idn	Feet From 2130	N/S Line N	Feet From 990	E/W Line W	County LEA
---------------	---------------	-----------------	--------------	---------	-------------------	---------------	------------------	---------------	---------------

11. Bottom Hole Location If Different From Surface

UL - Lot E	Section 35	Township 18S	Range 34E	Lot Idn E	Feet From 1980	N/S Line N	Feet From 330	E/W Line W	County LEA
12. Dedicated Acres 200.00		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

OPERATOR CERTIFICATION <i>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.</i> E-Signed By: Randy Bolles Title: Manager, Regulatory Affairs Date: 1/25/2012	SURVEYOR CERTIFICATION <i>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.</i> Surveyed By: Filimon Jaramillo Date of Survey: 10/7/2011 Certificate Number: 12797
---	--

Permit Comments

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: TIN CUP 35 STATE COM #002H

API: 30-025-40422

Created By	Comment	Comment Date
barnettj	Proposed Mud Circulation System Depth Mud Wt. Visc Fluid Loss 0-1920 8.4-9. 30-34 NC FW 1920-5350 9.8-10.028-32 NC Brine 5350-15615 8.6-9.3 28-3 NC FW	1/25/2012
pkautz	Land s/S	1/25/2012
CHERRERA	OCD RECIEVED FORM C-144 CLEZ. OCD PERMIT # P1-04139	1/26/2012

Permit Conditions of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: TIN CUP 35 STATE COM #002H

API: 30-025-40422

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