

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

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

1. Operator Name and Address <b>DEVON ENERGY PRODUCTION COMPANY, LP</b> 20 N Broadway Oklahoma City, OK 73102		2. OGRID Number 6137
		3. API Number 30-015-37628
4. Property Code 38045	5. Property Name COOTER 16 STATE	6. Well No. 004H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	16	25S	29E	N	330	S	2310	W	EDDY

**8. Pool Information**

AVALON; BONE SPRING	96381
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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 2966
14. Multiple N	15. Proposed Depth 11975	16. Formation 1st Bone Spring Sand	17. Contractor	18. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick      Clay <input type="checkbox"/> Pit Volume:      bbls      Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**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	700	690	0
Int1	12.25	9.625	36	3000	1050	0
Prod	8.75	5.5	17	11975	2645	2500

**Casing/Cement Program: Additional Comments**

0-700' MW 8.4-9.0, Visc 30-34, Fluid Loss N/C, Type System FW; 700-3000' MW 9.8-10.0, Visc 28-32, Fluid Loss N/C, Type System Brine; 3000-11,975 MW 8.6-9.0, Visc 28-32, Fluid Loss NC-12, Type System FW.
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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	
Blind	5000	5000	
Pipe	5000	5000	

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"/> .	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Randy Bolles	Approved By: Jacqueta Reeves
Title:	Title: District Geologist
Email Address: randy.bolles@dvn.com	Approved Date: 3/3/2010      Expiration Date: 3/3/2012
Date: 2/9/2010	Phone: 405-228-8588

DISTRICT I  
1626 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210

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

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 15, 2009

Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name BONE SPRING
Property Code	Property Name COOTER "16" STATE	Well Number 4H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 2966'

Surface Location


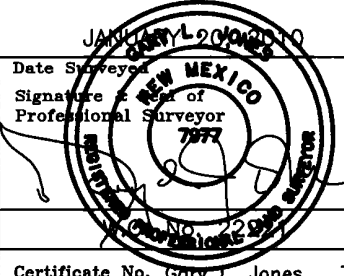
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	16	25 S	29 E		330	SOUTH	2310	WEST	EDDY

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
C	16	25 S	29 E		330	NORTH	2220	WEST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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>N: 413853.5730 E: 645110.5070 LAT: N032°08'14.35" LONG: W103°59'53.05"</p> <p>2220'</p> <p>330'</p> <p>4652.4'</p> <p>2310'</p> <p>N: 408543.4950 E: 645141.5510 LAT: N032°07'21.50" LONG: W103°59'52.88"</p> <p>330'</p> <p>N: 408554.5920 E: 647798.3860 LAT: N032°07'21.82" LONG: W103°59'21.98"</p> <p>N: 411222.1980 E: 650437.5420 LAT: N032°07'48.14" LONG: W103°58'51.19"</p> <p>N: 413875.8720 E: 650420.8100 LAT: N032°08'14.40" LONG: W103°58'51.29"</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 32°08'11.10" Long - W 103°59'27.22" NMSPC- N 413532.968 E 647331.941 (NAD-83)</p> <p><b>SURFACE LOCATION</b> Lat - N 32°07'25.08" Long - W 103°59'26.01" NMSPC- N 408883.067 E 647450.910 (NAD-83)</p> <p>Producing Area</p> <p>Project Area</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>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.</p> <p> Signature _____ Date _____</p> <p>Judy A. Barnett 2/4/10 Printed Name Regulatory Analyst</p> <p><b>SURVEYOR CERTIFICATION</b></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> Date Surveyed _____ Signature _____ Professional Surveyor No. 7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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