

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address Devon Energy Production Company, LP 20 N. Broadway Oklahoma City, OK 73102		OGRID Number 6137
		API Number 30-15-32943
Property Code 32437	Property Name H B 2 STATE	Well No. 005

**Surface Location**

UL or Lot K	Section 2	Township 24S	Range 29E	Lot Idn	Feet From 1980	N/S Line S	Feet From 1980	E/W Line W	County Eddy
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**Proposed Pools**

CEDAR CANYON;BONE SPRING 11520
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Work Type New Well	Well Type Oil	Cable/Rotary	Lease Type State	Ground Level Elevation 3067
Multiple N	Proposed Depth 8300	Formation Bone Spring	Contractor	Spud Date 8/15/2003

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	500	400	0
Int1	11	8.625	32	2900	1000	0
Prod	7.875	5.5	15.5	8300	800	4000

**Casing/Cement Program: Additional Comments**

13 3/8 Cmt Lead w/200sx Class C & tail w/300sx Class C, circ to pit 8 5/8 Cmt Lead w/800 sx 35:65 Poz C & tail w/300sx C, circ to pit 5 1/2 Cmt Lead w/260 sx 35:65:6 & tail w/525 sx 60:40 Poz C
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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Electronically Signed By: Beverly Wenzel		Electronically Approved By: Bryan Arrant	
Title: Manager		Title: Geologist	
Date: 8/5/2003		Approval Date: 8/12/2003	Expiration Date: 8/12/2004
Phone: 405-228-7734		Conditions of Approval: There are conditions. See Attached.	

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Energy, Minerals and Natural Resources

Form C-102

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-15-32943	Pool Name CEDAR CANYON;BONE SPRING	Pool Code 11520
Property Code 32437	Property Name H B 2 STATE	Well No. 005
OGRID No. 6137	Operator Name Devon Energy Production Company, LP	Elevation 3067

**Surface And Bottom Hole Location**

UL or Lot K	Section 2	Township 24S	Range 29E	Lot Idn	Feet From 1980	N/S Line S	Feet From 1980	E/W Line W	County Eddy
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						


**OPERATOR CERTIFICATION**

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

Electronically Signed By: Beverly Wenzel

Title: Manager

Date: 8/5/2003

**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.*

Electronically Signed By: RONALD EIDSON

Date of Survey: 7/28/2003

Certificate Number: 3239

## APD Conditions Of Approval

**Operator:** 6137 Devon Energy Production Company, LP

**Well:** H B 2 STATE 005

OCD Reviewer	Condition
BARRANT	Operator to set surface casing in anhydrite section of Rustler @ 500-550. Review off set logs for formation tops.

**Arrant, Bryan**

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**From:** Cottom, Karen [Karen.Cottom@dvn.com]  
**Sent:** Tuesday, August 12, 2003 8:37 AM  
**To:** Bryan Arrant (E-mail)  
**Cc:** Blount, Jim  
**Subject:** H B 2 State #5

Oil Conservation Division  
1301 W. Grand Ave  
Artesia, NM 88210-1729

RE: H B 2 State #005, Unit K, Sec 2 T24S R29E

Dear Mr. Arrant,

No Hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area.

*Karen Cottom  
Engineering Technician  
Western Division  
(405)228-7512*

8/12/2003