

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
Revised March 17, 1999

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

RECEIVED

FEB 02 2004

OCD-ARTESIA

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

¹ Operator Name and Address Devon Energy Production Company, LP., 20 North Broadway, Ste 1500 Oklahoma City, OK 73102		² OGRID Number 6137
		³ API Number 30-015-32715
³ Property Code 30683	⁵ Property Name H B 2 State	⁶ Well No. 3

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	24S	29E		660	South	660	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
⁹ Proposed Pool 1 Cedar Canyon Bone Spring						¹⁰ Proposed Pool 2			

¹¹ Work Type Code P	¹² Well Type Code G	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3044
¹⁶ Multiple	¹⁷ Proposed Depth 13100	¹⁸ Formation Bone Spring	¹⁹ Contractor	²⁰ Spud Date 2/15/03

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#	540	500sx	0
12 1/4	9 5/8"	36#	3073	1300	0
8 3/4"	7"	26#	10400	770	0
6 1/4	4 1/2"	13.5#	10,068' - 14,083'	520	

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 Energy Production Company, LP., request approval to recompleate to the Bone Spring formation as follows.

1. RU WL & RIH w/CIBP & set @ 13,100'. Dump 35' cmt on top.
2. RIH w/3 1/8" csg gun & perf 2 SPF (120° phased) from 8199-208', 8124-37', 8068-73', & 7963-71' (70 holes). RD WL.
3. RIH w/pkr & 2 7/8" J-55 tbg to 8208. Pickle tbg w/500 gal pickle acid. Spot 2 bbls 7.5% NEFe acid.
4. PU to 8140'. Set pkr & acidize lower zone w/1000 gal 7.5% NEFe acid @ 3-5 BPM dropping 27 ball sealers. Swab test zone for cut. 5. POOH w/tbg & pkr. RIH w/RBP, pkr & tbg to 8180'. Set RBP & test to 3000 psi. 6. PU to 8237' & spot 4 bbls 7.5% NEFe acid. PU to 7860' & set pkr. Acidize zones w/2000 gal 7.5% NEFe acid. Swab back acid load. (If lower zone is productive, retrieve RBP). Rel pkr & RIH thru perfs. PU & set pkr @ 7860'. 7. MIRU BJ. Frac down tbg @ 30 BPM w/150,000# 16/30 Ottawa & RC as per BJ recommendation. Max pressure 3500 psi. 8. Flow well back immediately at 1/2 to 1 BPM until well dies. RD BJ. 9. When well dies, POOH w/pkr & tbg (& RBP if not previously retrieved). 10. RIH w/1 jt tbg, SN, 8 jts 2 7/8", 7" TA, & 2 7/8" 6.5# J-55 tbg to 8160' (EOT). ND BOP, set TA, & NU WH. 11. RU swab & attempt to swab well in. If well does not flow, continue with next step. 12. Set C456-305-144 pumping unit. 13. RIH w/2 1/2" x 1 1/2" pump, 211-3/4" & 114-7/8" Norris 97 rods. Hang well on to pump @ 8 x 144" SPM. RDMO PU.

Set 100' cement plug @ Wellcamp 10164'

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.						OIL CONSERVATION DIVISION	
Signature:		Printed name: Karen Cottom		Approved by:		ORIGINAL SIGNED BY TIM W. GUM	
Title: Sr. Operations Technician				Title:		DISTRICT II SUPERVISOR	
Date: 1/29/04		Phone: 405-228-7512		Approval Date:		FEB 02 2004	
				Expiration Date:		FEB 02 2005	
				Conditions of Approval:			
				Attached <input type="checkbox"/>			

DISTRICT I

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

DISTRICT II

P.O. Drawer ED, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32715	Pool Code	Pool Name CEDAR CANYON BONE SPRINGS
Property Code 30683	Property Name H.B. STATE	Well Number 3
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3044'

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	24-S	29-E		660	SOUTH	660'	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	Joint or Infill	Consolidation Code	Order No.
319			

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>LOT 4</p> <p>LOT 3</p> <p>LOT 2</p> <p>LOT 1</p> <p>GEODETIC COORDINATES NAD 1927 NME Y= 451631.0 X= 615064.7 LAT. 32°14'27.97"N LONG. 103°57'40.23"W</p> <p>660'</p> <p>660'</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>James Blount</i></p> <p>Signature</p> <p>James Blount</p> <p>Printed Name</p> <p>Operations Engineer Advisor</p> <p>Title</p> <p>March 27, 2003</p> <p>Date</p> <p>SURVEYOR CERTIFICATION</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>MARCH 25 2003</p> <p>Date Surveyed</p> <p>Signature of Surveyor</p> <p>Professional Surveyor</p> <p><i>Ronald E. Kidson</i></p> <p>03.11.0345</p> <p>State No. RONALD E. KIDSON 3239</p> <p>CERT. NO. KIDSON 12641</p>
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