

**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 Road, Aztec, NM 87410  
Phone (505) 334-6178 Fax (505) 334-6170  
**District IV**  
1220 S St Francis Dr, Santa Fe, NM 87505  
Phone (505) 476-3460 Fax (505) 476-3462

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

Form C-101  
Revised August 1, 2011

Permit

**HOBBS OCD**

**JUN 08 2012**

**RECEIVED**

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

<sup>1</sup> Operator Name and Address  DEVON ENERGY PRODUCTION COMPANY, L.P. 20 NORTH BROADWAY, OKLAHOMA CITY, OK. 73102-8260		<sup>2</sup> OGRID Number 6137
		<sup>3</sup> API Number 30-025-40611
<sup>4</sup> Property Code 39267	<sup>5</sup> Property Name IRONHOUSE 20 STATE	
		<sup>6</sup> Well No. 1H

**<sup>7</sup> Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
O	20	18S	35E		200	S	2240	E	LEA

**<sup>8</sup> Pool Information**

UNDESIGNATED BONE SPRING	WC-025 600 5183518A;	97930
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**Additional Well Information**

<sup>9</sup> Work Type N	<sup>10</sup> Well Type 0	<sup>11</sup> Cable/Rotary R	<sup>12</sup> Lease Type S	<sup>13</sup> Ground Level Elevation 3927.9'
<sup>14</sup> Multiple No	<sup>15</sup> Proposed Depth TVD: 9800'	<sup>16</sup> Formation Bone Spring	<sup>17</sup> Contractor H & P	<sup>18</sup> Spud Date
Depth to Ground water 200'		Distance from nearest fresh water well 1.25 miles		Distance to nearest surface water 5 miles

**<sup>19</sup> Proposed Casing and Cement Program**

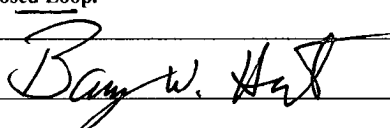
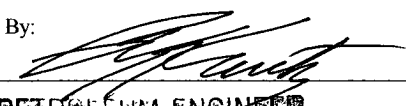
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	17 1/2"	13 3/8"	48#	1825	1435	Surface
	12 1/4"	9 5/8"	40#	3200	1015	Surface
	8 3/4"	5 1/2"	17#	9000	2785	2700'
	8 3/4"	5 1/2"	17#	14308		

**Casing/Cement Program: Additional Comments**

See attached Drilling Plan, H2S Plan, Horizontal Plan & BOP	<b>Permit Expires 2 Years From Approval Date Unless Drilling Underway</b>
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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
13 5/8" Triple Ram 2FZ35-35	3,000#	3,000#	Shaffer

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"/> . Closed Loop.		<b>OIL CONSERVATION DIVISION</b>	
Printed name: Barry W. Hunt 		Approved By: 	
Title: Permit Agent		Title: <b>PETROLEUM ENGINEER</b>	
E-mail Address: <a href="mailto:specialtpermitting@gmail.com">specialtpermitting@gmail.com</a>		Approved Date:	Expiration Date:
Date: 06/04/12		<b>JUN 11 2012</b>	
Phone (575) 361-4078		Conditions of Approval Attached	

**JUN 11 2012**

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

HOBBS OCD

Form C-102

Revised August 1, 2011

Submit one copy to appropriate District Office

JUN 08 2012

☐ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-40611</b>	Pool Code <b>977930</b>	Pool Name <b>WC-025 306 51835 18A, UNDESIGNATED BONE SPRING</b>
Property Code <b>39267</b>	Property Name <b>IRONHOUSE 20 STATE</b>	Well Number <b>1H</b>
OGRID No <b>6137</b>	Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, LP</b>	Elevation <b>3927.9'</b>

Surface Location

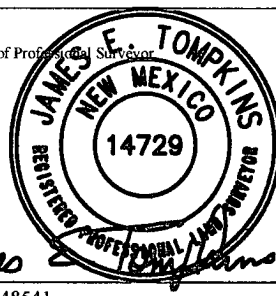
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	20	18 S	35 E		200'	SOUTH	2240	EAST	LEA

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
B	20	18 S	35 E		330'	NORTH	2240	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidated Code	Order No
160			

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>NW COR SEC 20 NMSP-E (NAD 83) Y = 634173.2' N X = 801177.9' E LAT = N32° 44' 25.91" LONG = W103° 29' 17.72"</p>	<p>IRONHOUSE 20 STATE 1H BHL NMSP-E (NAD 83) Y = 633850.8' N X = 804228.6' E LAT = N32° 44' 22.48" LONG = W103° 28' 42.04"</p>	<p>330'</p>	<p>2240'</p>	<p>NE COR SEC 20 NMSP-E (NAD 83) Y = 634188.7' N X = 806464.7' E LAT = N32° 44' 25.64" LONG = W103° 28' 15.83"</p>	<p><b>OPERATOR CERTIFICATION</b> 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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Signature: <i>Barry W. Hunt</i> Date: <i>6/4/12</i> Print Name: <i>Barry W. Hunt</i> E-mail Address:</p>
<p>SW COR SEC 20 NMSP-E (NAD 83) Y = 628884.7' N X = 801226.3' E LAT = N32° 43' 33.58" LONG = W103° 29' 17.65"</p>	<p>IRONHOUSE 20 STATE 1H SHL NMSP-E (NAD 83) Y = 629096.6' N X = 804279.2' E LAT = N32° 43' 35.44" LONG = W103° 28' 41.89"</p>	<p>200'</p>	<p>2240'</p>	<p>SE COR SEC 20 NMSP-E (NAD 83) Y = 628897.5' N X = 806521.0' E LAT = N32° 43' 33.29" LONG = W103° 28' 15.67"</p>	<p><b>SURVEYORS CERTIFICATION</b> 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 of Survey: <i>MAY 15, 2012</i> Signature and Seal of Professional Surveyor:  Job No.: <i>WTC48541</i> JAMES E. TOMPKINS 14729 Certificate Number:</p>