

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 December 16, 2011

Permit

HOBBS OCD  
FEB 27 2013

RECEIVED

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

<sup>1</sup> Operator Name and Address Bluestem Energy Holdings, LLC 421 W. 3rd St., Suite 700, Fort Worth, TX 76102		<sup>2</sup> OGRID Number 286989
		<sup>3</sup> API Number 30-025-41092
<sup>4</sup> Property Code 39369	<sup>5</sup> Property Name Bobwhite 12 State Com	<sup>6</sup> Well No. 4H

<sup>7</sup> Surface Location

UL - Lot D	Section 12	Township 21 S	Range 33 E	Lot Idn	Feet from 160	N/S Line North	Feet From 496	E/W Line West	County Lea
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<sup>8</sup> Pool Information

V. ---	MERRY; BONE SPRING, NORTH	5535
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Additional Well Information

<sup>9</sup> Work Type N	<sup>10</sup> Well Type O	<sup>11</sup> Cable/Rotary R	<sup>12</sup> Lease Type S	<sup>13</sup> Ground Level Elevation 3,783'
<sup>14</sup> Multiple NO	<sup>15</sup> Proposed Depth 16,000' MD	<sup>16</sup> Formation Bone Spring	<sup>17</sup> Contractor	<sup>18</sup> Spud Date upon approval
Depth to Ground water >100'		Distance from nearest fresh water well 2,500' to NW		Distance to nearest surface water >2,000'

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

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf.	17-1/2"	13-3/8"	54.5	1,765'	1,300 sx	GL
Int.	12-1/4"	9-5/8"	40	5,500'	2,000 sx	GL
Prod.	8-3/4"	5-1/2"	23	16,000' MD	2,205 sx	4,500'
				11,500' TVD		

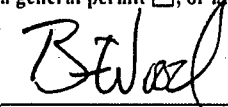

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program Expires 2 Years From Approval

Type	Working Pressure	Test Pressure	Date Unless Drilling Underway
Pipe & Blind Rams	5,000	5,000	

Annular 5,000 2,500

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"/> .		OIL CONSERVATION DIVISION	
Signature: 		Approved By: 	
Printed name: Brian Wood		Title: Petroleum Engineer	
Title: Consultant		Approved Date: 04/04/13	Expiration Date: 04/04/15
E-mail Address: brian@permitswest.com			
Date: Feb. 27, 2013	Phone: (505) 466-8120	Conditions of Approval Attached	

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STATE OF NEW MEXICO  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr. FEB 27 2013  
Santa Fe, NM 87505

Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

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WELL LOCATION AND ACREAGE DEDICATION PLAT

30-025- <sup>1</sup> API Number	5535	BERRY, BONE SPRING, NORTH
<sup>4</sup> Property Code 39369	<sup>5</sup> Property Name BOBWHITE 12 STATE COM	<sup>6</sup> Well Number 4-H
<sup>7</sup> OGRID No. 286989	<sup>8</sup> Operator Name BLUESTEM ENERGY HOLDINGS, LLC	<sup>9</sup> Elevation 3783.0

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	12	21S	33E		160	NORTH	496	WEST	LEA

<sup>11</sup> 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
M	12	21S	33E		330	SOUTH	496	WEST	LEA

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill C	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

NW CORNER SEC 12 Ind. BLM cap (typ)

	<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 undivided 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: <i>Brian Wood</i> Date: 2-27-13</p> <p>Printed Name: Brian Wood</p> <p>Email Address: brian@permitswest.com</p>
	<p><b>"SURVEYOR 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. 1/31/2013</p> <p>Date of Survey: 1/31/2013</p> <p>Signature and Seal of Professional Surveyor: <i>Charles P. Rutherford</i></p> <p>Certificate Number: 18332</p>