

**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

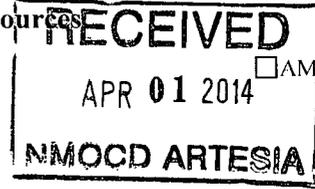
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101  
Revised July 18, 2013

Energy Minerals and Natural Resources

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



AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Legend Natural Gas III, LP 15021 Katy Freeway, Ste. 200 Houston, TX 77094		<sup>2</sup> OGRID Number 258894
<sup>4</sup> Property Code 305419	<sup>3</sup> Property Name BUCKSHOT STATE COM	<sup>5</sup> API Number 30-015-42269
		<sup>6</sup> Well No. 6H

<sup>7</sup> Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	31	24S	28E		181	SOUTH	1736	WEST	Eddy

<sup>8</sup> Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
C	31	24S	28E		330	NORTH	2492	WEST	Eddy

<sup>9</sup> Pool Information

Pool Name Willow Lake; Bone Spring, WEST	Pool Code 96415
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Additional Well Information

<sup>11</sup> Work Type N	<sup>12</sup> Well Type O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type State	<sup>15</sup> Ground Level Elevation 3036'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 12700' MD; 7985' TVD	<sup>18</sup> Formation Bone Spring	<sup>19</sup> Contractor	<sup>20</sup> Spud Date Upon Arrival
Depth to Ground water <133''		Distance from nearest fresh water well 7100' ENE		Distance to nearest surface water >500' NW

We will be using a closed-loop system in lieu of lined pits

<sup>21</sup> Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf.	14.75	11.75	42	400	375	Surface
Inter.	10.625	8.625	32	2500	850	Surface
Prod.	73875	5.5	17	12700	2200	Surface

Casing/Cement Program: Additional Comments

Drill 14-3/4" hole to approx 400' with fresh water spud mud system. Run 11-3/4" 42# H40 STC casing to TD and cement to surface in one stage. Will use 1" topout tubing and class "C" cement to cement to surface if necessary. Drill 10-5/8" hole to approx 2,500' with saturated brine water mud system. Run 8-5/8" 32# J55 LTC casing to TD and cement to surface in one stage. Drill 7-7/8" vertical production hole to approx. 7,500' with cut brine mud system. Drill 7-7/8" curve/lateral production hole to approx 12,700' with cut brine mud system. Run 5-1/2" 17# P110 BTC casing to TD and cement to surface in one stage.

<sup>22</sup> Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3000	Hydril
Blind Ram	5000	3000	CAMERON
Pipe Ram	5000	3000	CAMERON

<p>23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  I further certify that I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/>, if applicable.  Signature: <i>Jennifer Elrod</i></p>		<p>OIL CONSERVATION DIVISION</p>	
<p>Printed name: <i>Jennifer Elrod</i></p>		<p>Approved By: <i>T. C. Shepard</i></p>	
<p>Title: <i>SR. Regulatory Analyst</i></p>		<p>Title: <b>"Geologist"</b></p>	
<p>E-mail Address: <i>jelrod@engr.com</i></p>		<p>Approved Date: <i>4-1-2014</i>      Expiration Date: <i>4-1-2016</i></p>	
<p>Date: <i>3/31/14</i></p>	<p>Phone: <i>817-872-7822</i></p>	<p>Conditions of Approval Attached</p>	

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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

RECEIVED  
APR 01 2014  
MMOCD AREA  
Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate District Office  
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-42269</b>	Pool Code <b>96415</b>	Pool Name <b>Willowlake; Bone Spring, West</b>
Property Code <b>305419</b>	Property Name <b>BUCKSHOT STATE COM</b>	Well Number <b>6H</b>
OGRID.No. <b>258894</b>	Operator Name <b>LEGEND NATURAL GAS III, LP</b>	Elevation <b>3053'</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
N	31	24-S	28-E		181	SOUTH	1736	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	31	24-S	28-E		330	NORTH	2492	WEST	EDDY

Dedicated Acres <b>160</b>	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>GEODETIC COORDINATES NAD 83 NME</p> <p>BOTTOM HOLE LOCATION Y=429385.6 N X=605035.8 E LAT.=32.180291° N LONG.=104.127443° W</p>	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>BOTTOM HOLE LOCATION Y=429327.5° N X=563852.4 E LAT.=32.180170° N LONG.=104.126950° W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jennifer Erod</i> 03/31/2014 Signature Date</p> <p>Jennifer Erod Printed Name</p> <p>jetrod@lng2.com E-mail Address</p>
	<p>CORNER COORDINATES TABLE NAD 27</p> <p>A - Y=429647.3 N, X=562706.8 E B - Y=429659.1 N, X=564039.1 E C - Y=424327.0 N, X=564056.3 E D - Y=424327.4 N, X=562726.9 E</p>		
	<p>NAD 83</p> <p>A - Y=429705.4 N, X=603890.2 E B - Y=429717.2 N, X=605222.6 E C - Y=424385.0 N, X=605239.8 E D - Y=424385.4 N, X=603910.4 E</p>		
	<p>GEODETIC COORDINATES NAD 83 NME</p> <p>SURFACE LOCATION Y=424566.2 N X=604282.5 E LAT.=32.167047° N LONG.=104.129908° W</p>	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=424508.2 N X=563099.0 E LAT.=32.166926° N LONG.=104.129415° W</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>MARCH 3, 2014</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: GARY G. EIDSON</p> <p>12641</p> <p>Certification Number Gary G. Eidson 12641 Professional Number Ronald J. Eidson 3239</p> <p>ACK JWSC.W.O. 14.11.0240</p>			