

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

RECEIVED

OCT 29 2013

NMOCD ARTESIA

AMENDED REPORT

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

¹ Operator Name and Address LEGEND NATURAL GAS III, LP 15021 KATY FREEWAY STE. 200 HOUSTON, TX 77094		² OGRID Number 258894
		³ API Number 30-015-41903 41093
⁴ Property Code 305419	⁵ Property Name BUCKSHOT STATE COM	⁶ Well No. 2H

⁷ Surface Location

UL - Lot P	Section 31	Township 24S	Range 28E	Lot Idn	Feet from 100	N/S Line SOUTH	Feet From 1140	E/W Line EAST	County EDDY
---------------	---------------	-----------------	--------------	---------	------------------	-------------------	-------------------	------------------	----------------

⁸ Proposed Bottom Hole Location

UL - Lot A	Section 31	Township 24S	Range 28E	Lot Idn	Feet from 330	N/S Line NORTH	Feet From 676	E/W Line EAST	County EDDY
---------------	---------------	-----------------	--------------	---------	------------------	-------------------	------------------	------------------	----------------

⁹ Pool Information

Pool Name	Pool Code
WILLOW LAKE; BONE SPRING, WEST	96415

Additional Well Information

¹¹ Work Type N	¹² Well Type O	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3051'
¹⁶ Multiple N	¹⁷ Proposed Depth 7900'TVD & 12300'MD	¹⁸ Formation BONE SPRING	¹⁹ Contractor	²⁰ Spud Date UPON APPROVAL
Depth to Ground water <133'		Distance from nearest fresh water well 6600 SSE OF WATER WELL		Distance to nearest surface water >800' S OF CHINA DRAW

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

²¹ 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	400'TVD	445	GL
INTERM	12.25	9.625	36	2500'TVD	655	GL
PROD	8.75	5.5	17	12300'MD	1695	GL

Casing/Cement Program: Additional Comments

--

²² Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
	5000	3500	

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 ☐ and/or 19.15.14.9 (B) NMAC ☐ if applicable.

Signature:

Printed name: JENNIFER MOSLEY

Title: SR. REGULATORY ANALYST

E-mail Address: jmosley@lng2.com

Date: 10/24/2013

Phone: 817-872-7822

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

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) 748-8720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RECEIVED

Submit one copy to appropriate
District Office

OCT 29 2013

NMOC D ARTESIA

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-41093	Pool Code 9645	Pool Name Willow Lake; Bone Spring, Wkst
Property Code 305419	Property Name BUCKSHOT STATE COM	Well Number 2H
OGRID No. 258894	Operator Name LEGEND NATURAL GAS III, L.P.	Elevation 3051'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	24 S	28 E		100	SOUTH	1140	EAST	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
A	31	24 S	28 E		330	NORTH	676	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

N: 429693.3 E: 602543.8	LOT 1	N: 429717.0 E: 605222.4	PROPOSED BOTTOM HOLE LOCATION Lat - N 32°10'49.19" Long - W 104°07'13.46" NMSPCE- N 429404.1 E 607212.7 (NAD-83) Lat - N 32°10'48.75" Long - W 104°07'11.69" NMSPCE- N 429345.9 E 566029.2 (NAD-27)	N: 429740.0 E: 607887.9 676'	OPERATOR CERTIFICATION 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 a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Jennifer Mosley</i> Date: 10/24/13 Printed Name: Jennifer Mosley Email Address: jmosley@lng2.com
N: 427037.4 E: 602547.0	LOT 2				
N: 427037.4 E: 602547.0	LOT 3			N: 427059.1 E: 607894.3	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. Date Surveyed: APR 28, 2013 Signature & Seal of Professional Surveyor: <i>[Signature]</i> Certificate No. 28603 Basin Surveys 28603
N: 424385.5 E: 602546.6	LOT 4	N: 424384.9 E: 605239.8	SURFACE LOCATION Lat - N 32°10'00.48" Long - W 104°07'18.84" NMSPCE- N 424480.8 E 606760.7 (NAD-83) Lat - N 32°10'00.04" Long - W 104°07'17.06" NMSPCE- N 424422.7 E 565577.1 (NAD-27)	N: 424378.1 E: 607900.8 1140'	