

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 November 14, 2012

RECEIVED	
AMENDED REPORT	
DEC 05 2012	
NMOCD ARTESIA	

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

1. Operator Name and Address LEGEND NATURAL GAS III LIMITED PARTNERSHIP 15021 KATY FREEWAY, SUITE 200, HOUSTON, TX 77094		2. OGRID Number 258894
3. Property Name 39571 HIGH BRASS		4. API Number 30-015-40865
		5. Well No. 2H

7. Surface Location

UL - Lot C	Section 20	Township 24 S	Range 28 E	Lot Idn	Feet from 330	N/S Line N	Feet From 2308	E/W Line W	County EDDY
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8. Proposed Bottom Hole Location

UL - Lot N	Section 20	Township 24 S	Range 28 E	Lot Idn	Feet from 330	N/S Line S	Feet From 2256	E/W Line W	County EDDY
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9. Pool Information

Pool Name WILLOW LAKE; BONE SPRING	Pool Code 64450
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Additional Well Information

11. Work Type N	12. Well Type O	13. Cable/Rotary C	14. Lease Type FEE	15. Ground Level Elevation 3066
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 48'		Distance from nearest fresh water well 2636' W OF H2O WELL		Distance to nearest surface water 975' SW OF STOCK POND

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURFACE	17.5	13.375	48	400' TVD	445	GL
INTERMED.	12.25	9.625	36	2500' TVD	655	GL
PRODUCT.	7.785	5.5	17	7900 & 12300'	1695	GL

Casing/Cement Program: Additional Comments

SET DV TOOL @ 2700' TVD/MD STAGE 1 = 1275 SX & STAGE 2 = 420 SX
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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: **BRIAN WOOD**

Title: **CONSULTANT**

E-mail Address: **brian@permitswest.com**

Date: **11-26-12**

Phone: **(505) 466-8120**

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date: **12/5/2012**

Expiration Date: **12/5/2014**

Conditions of Approval Attached

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015- 40865	Pool Code 64450	Pool Name WILLOW LAKE; BONE SPRING
Property Code 39571	Property Name HIGH BRASS	Well Number 2H
OGRID No. 258894	Operator Name LEGEND NATURAL GAS III, L.P.	Elevation 3066'

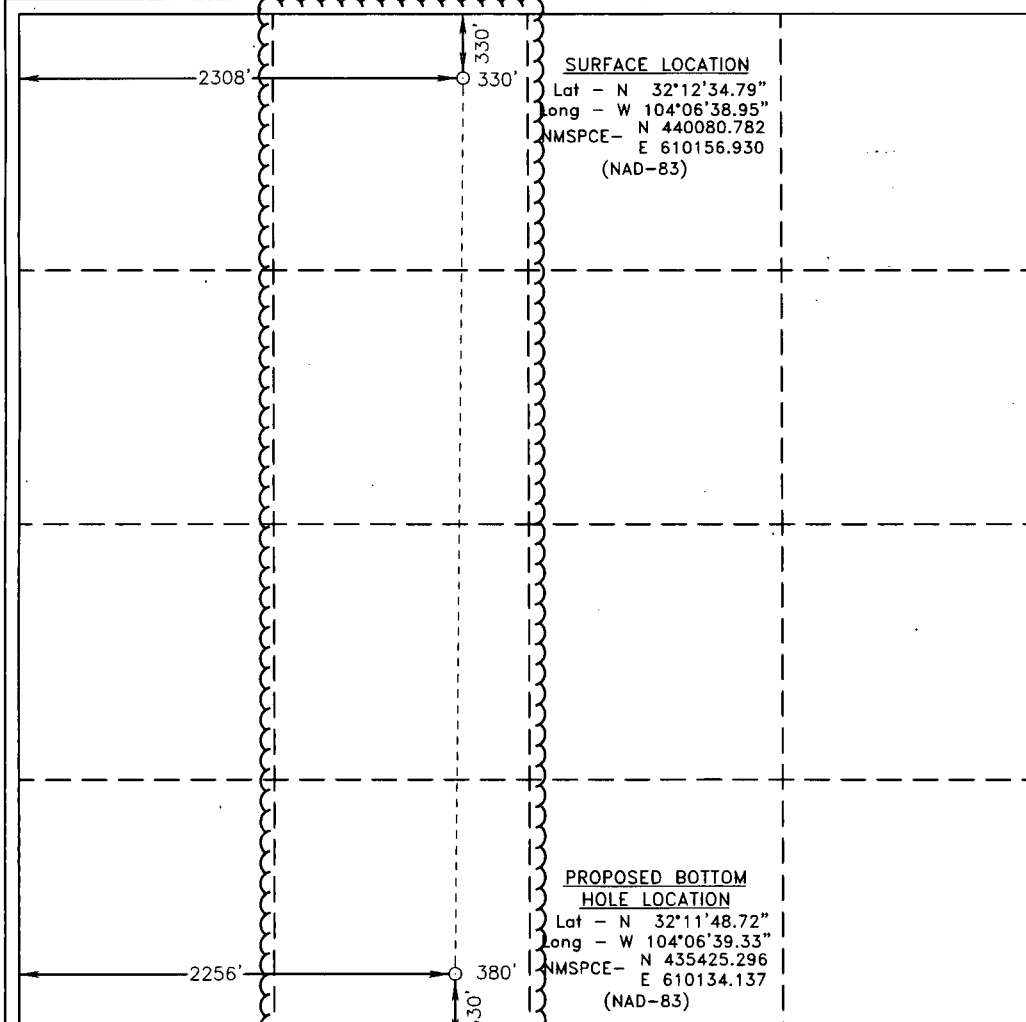
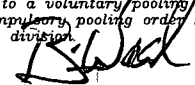
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	20	24 S	28 E		330	NORTH	2308	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
N	20	24 S	28 E		330	SOUTH	2256	WEST	EDDY
Dedicated Acres 160	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

 <p>SURFACE LOCATION Lat - N 32°12'34.79" Long - W 104°06'38.95" NMSPC- N 440080.782 E 610156.930 (NAD-83)</p> <p>PROPOSED BOTTOM HOLE LOCATION Lat - N 32°11'48.72" Long - W 104°06'39.33" NMSPC- N 435425.296 E 610134.137 (NAD-83)</p>	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p> 11-26-12</p> <p>Signature _____ Date _____ Brian Wood</p> <p>brian@permitswest.com</p> <p>Email Address _____</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>NOVEMBER 26, 2012</p> <p>Date Surveyed _____ Signature & Seal of Professional Surveyor _____ Professional Surveyor No. 7977</p> <p>Certificate No. Cory L. Jones 7977</p> <p>Basin Surveys 27651</p>
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