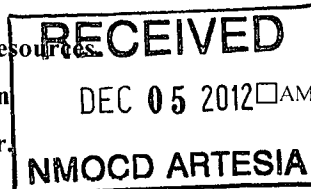


District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis 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

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 Code 305-424	4. Property Name LONG NOSE COM	5. Well No. 2H

7. Surface Location

UL - Lot M	Section 9	Township 24 S	Range 27 E	Lot Idn	Feet from 216	N/S Line S	Feet From 568	E/W Line W	County EDDY
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*** Proposed Bottom Hole Location**

UL - Lot D	Section 9	Township 24 S	Range 27 E	Lot Idn	Feet from 330	N/S Line N	Feet From 380	E/W Line W	County EDDY
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9. Pool Information

WILDCAT G-02 S2427030; BONE SPRING	Pool Name	Pool Code 97837
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Additional Well Information

11. Work Type N	12. Well Type O	13. Cable/Rotary R	14. Lease Type P	15. Ground Level Elevation 3184
16. Multiple N	17. Proposed Depth 7230 TVD & 12300' MD	18. Formation BONE SPRING	19. Contractor	20. Spud Date UPON APPROVAL
Depth to Ground water 35'		Distance from nearest fresh water well 2197' E OF WATER WELL		Distance to nearest surface water 2400' S OF BLACK RIVER

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

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
	5000	3500	

WILL DRILL PILOT HOLE TO 7500', LOG, PLUG BACK, & THEN DRILL HORIZONTAL. NO PERF <330 FSL

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 type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: <i>Brian Wood</i>		OIL CONSERVATION DIVISION Approved By: <i>J. C. Sheppard</i> Title: <i>Geologist</i> Approved Date: <i>12/5/2012</i> Expiration Date: <i>12/5/2014</i>	
Printed name: BRIAN WOOD		Title: <i>Geologist</i>	
Title: CONSULTANT		Approved Date: <i>12/5/2012</i> Expiration Date: <i>12/5/2014</i>	
E-mail Address: brian@permitswest.com			
Date: 12-1-12	Phone: (505) 466-8120	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- 40866	Pool Code 97837	WILDCAT G-02 S2427030; BONE SPRING	
Property Code 305424	Property Name LONG NOSE COM		Well Number 2H
OGRID No. 258894	Operator Name LEGEND NATURAL GAS III, L.P.		Elevation 3184'

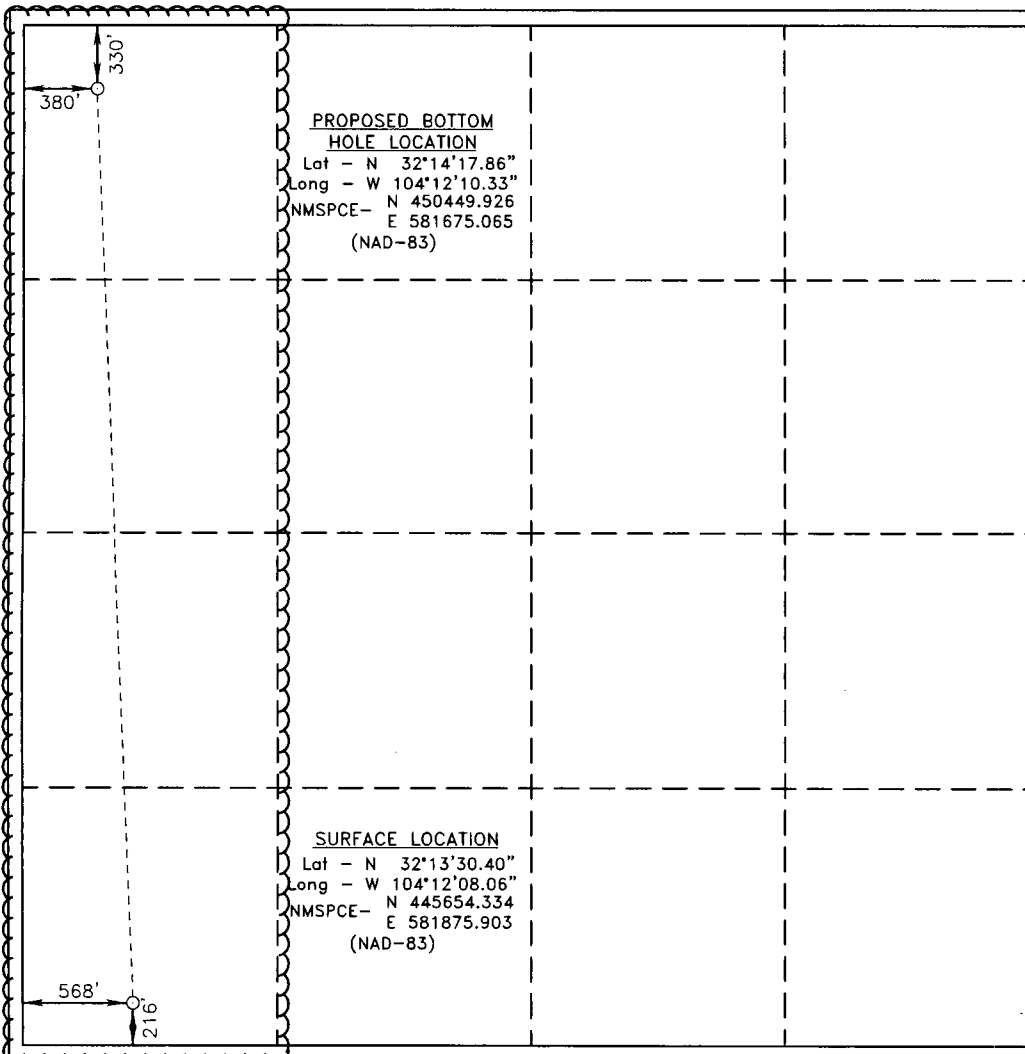
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	9	24 S	27 E		216	SOUTH	568	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
D	9	24 S	27 E		330	NORTH	380	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



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: *Brian Wood* Date: 12-1-12

brian@permitswest.com

Email Address

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.

NOVEMBER 14, 2012

Date Surveyed
Signature of Professional Surveyor

Certificate No. 7977

Certificate No. Gary L. Jones 7977

Basin Surveys 27650