

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 November 14, 2012

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED
NOV 30 2012
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 LIMITED PARTNERSHIP 15021 KATY FREEWAY, SUITE 200, HOUSTON, TX 77094		2. OGRID Number 258894
3. Property Name COLT STATE		4. APL Number 30-015- 46862
5. Property No. 39572	6. Well No. 2H	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
Lot 4/D	5	25 S	28 E		330	N	380	W	EDDY

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	5	25 S	28 E		330	S	380	W	EDDY

9. Pool Information

WILLOW LAKE; BONE SPRING	Pool Name	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 S	15. Ground Level Elevation 3038
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 7563' NE OF WINDMILL		Distance to nearest surface water 1800' S OF CHINA DRAW

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	

<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 type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/>, if applicable. Signature: <i>Brian Wood</i></p>	OIL CONSERVATION DIVISION	
	Approved By: <i>I. C. Shepard</i>	
	Title: <i>SGD/CONST</i>	
	Approved Date: <i>12/8/2012</i>	Expiration Date: <i>12/3/2014</i>
	Conditions of Approval Attached	
	<p>Printed name: BRIAN WOOD</p> <p>Title: CONSULTANT</p> <p>E-mail Address: brian@permitswest.com</p> <p>Date: 11-29-12 Phone: (505) 466-8120</p>	

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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- 40862	Pool Code 64450	Pool Name WILLOW LAKE; BONE SPRING
Property Code 258894 39572	Property Name COLT STATE Com	Well Number 2H
OGRID No. 258894	Operator Name LEGEND NATURAL GAS III, L.P.	Elevation 3038'

Surface Location

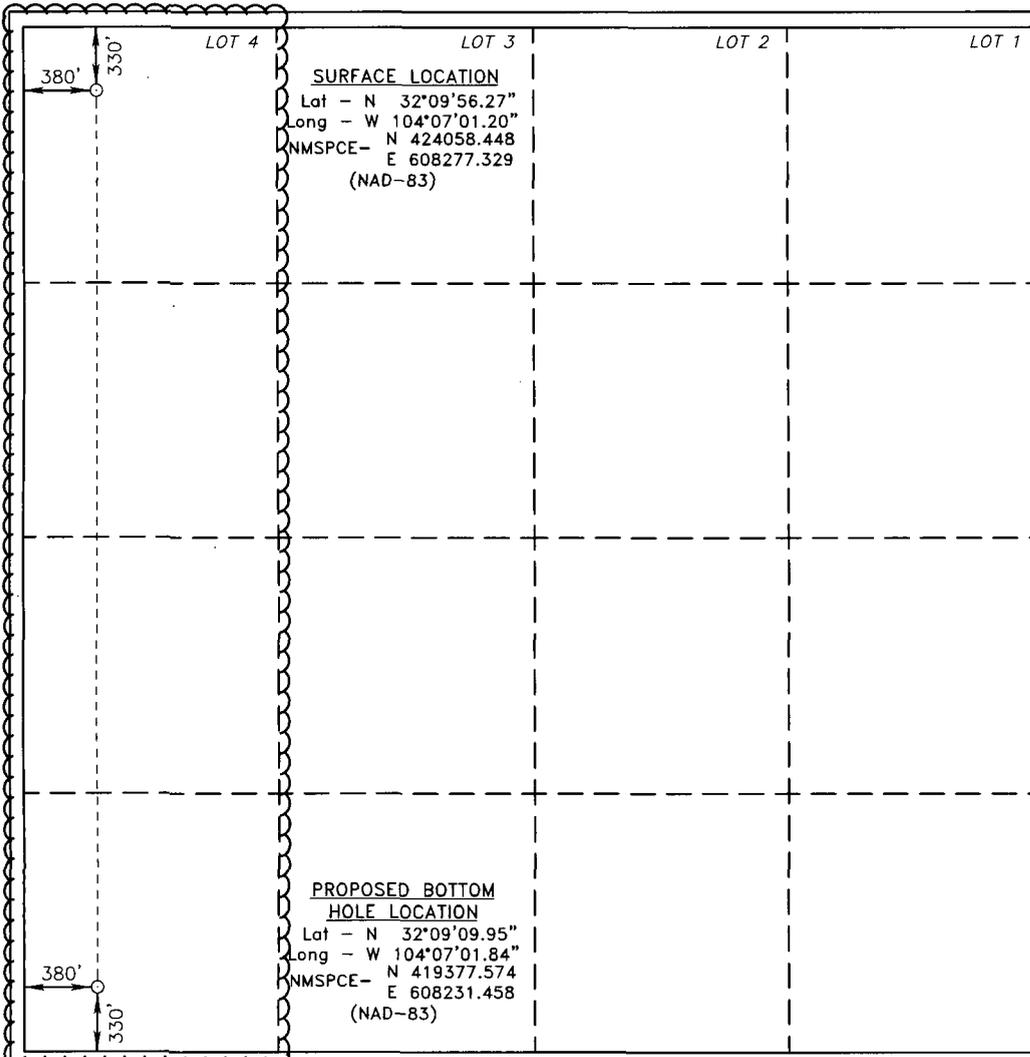
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 4	5	25 S	28 E		330	NORTH	380	WEST	EDDY

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
M	5	25 S	28 E		330	SOUTH	380	WEST	EDDY

Dedicated Acres 160.36	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



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.

Brian Wood 11-29-12
Signature Date
Brian Wood

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 & Seal of Professional Surveyor
Brian Wood
Professional Surveyor No. 27653
Certificate No. GARY L Jones 7977
BASIN SURVEYS 27653