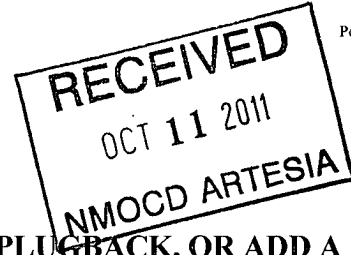


District I
1625 N French Dr, Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720
District II
811 S First St, Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St Francis Dr, Santa 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 August 1, 2011



Permit

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

¹ Operator Name and Address LEGEND Natural Gas, LLC 410 W. Grand Parkway South, Katy, TX 77494		² OGRID Number 217955 258894
		³ API Number 30-015-35342
⁴ Property Code 36244 305418	⁵ Property Name Winchester 5 State ✓	⁶ Well No ✓ 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
K	5	24S	28E		1980 1004	South	1980 1986	West	Eddy

⁸ Pool Information

Penn Shale "Cisco-Canyon"

Additional Well Information

⁹ Work Type Plugback	¹⁰ Well Type G	¹¹ Cable/Rotary	¹² Lease Type S	¹³ Ground Level Elevation 3007
¹⁴ Multiple S	¹⁵ Proposed Depth 10650'	¹⁶ Formation	¹⁷ Contractor	¹⁸ Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

¹⁹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17 1/2"	13 3/8"	48#	650'	575 sxs	
Intermediate	12 1/4"	9 5/8"	36#	2,600'	900 sxs	
Production	8 3/4"	7"	26#	9,897'	1899 sxs	
Liner		4 1/2"	11 6#	9050' - 12,833'		9100' (SLB - CBL Log 4/15/2011)

Casing/Cement Program: Additional Comments

Plugback Penn Shale to 10,650' with CIBP and dump bail 35' of Cement. Perforations: Phase 1 - 10,604 - 10,612' 6spf 60deg 0.4" hole
Phase 2 - 10,526 - 10,568' 6spf 60deg 0.4" hole; Phase 3 - 10,384 - 10,440' 6spf 60deg 0.4" hole, Phase 4 - 10,268 - 10,324' 6spf 60deg 0.4" hole
Phase 5 - 10,068 - 10,150' 6spf 60deg 0.4" hole

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION Approved By: <i>T. C. Shepard</i> Title: <i>Geologist</i>	
Printed name: Shannon J Richard			
Title Sr Staff Completions Engineer		Approved Date: OCT 12 2011	Expiration Date: 10/12/2013
E-mail Address: Srichard@LNG2.com			
Date: 9/27/2011	Phone: 281.644.5963	Conditions of Approval Attached	