

District I
1625 N French Dr., Hobbs, NM 88240
Phone (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax: (505) 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

HOBBS OCD

JUL 23 2012

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State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD

JUL 23 2012

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Form C-101
Revised December 16, 2011

Permit

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

¹ Operator Name and Address LEGACY RESERVES OPERATING LP P.O. BOX 10848 MIDLAND, TX 79702		² OGRID Number 240974
		³ API Number 30-025-34815
⁴ Property Code 309945	⁵ Property Name MAYFLY 14 STATE	
		⁶ Well No. 5

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
D	14	16S	35E		330	NORTH	530	WEST	LEA

⁸ Pool Information

SHOE BAR; STRAWN, NORTHWEST	Townsend; Permo Upper Penn	59847 -56280
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Additional Well Information

⁹ Work Type P	¹⁰ Well Type OIL	¹¹ Cable/Rotary N/A	¹² Lease Type STATE	¹³ Ground Level Elevation 3985'
¹⁴ Multiple NO	¹⁵ Proposed Depth N/A	¹⁶ Formation WOLFCAMP	¹⁷ Contractor N/A	¹⁸ Spud Date 06/21/12
Depth to Ground water N/A		Distance from nearest fresh water well N/A		Distance to nearest surface water N/A

¹⁹ Proposed Casing and Cement Program

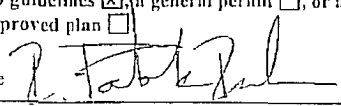
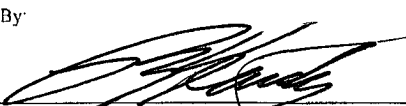
Type	Hole Size	Casing Size	Casing Weight/lb	Setting Depth	Sacks of Cement	Estimated TOC
		13-3/8"	48#	465'	500SX	CIRC'D
		9-5/8"	40#	4760'	2110SX	SURF
		7"	23,26 & 29#	11,475'	360SX	9170' (TS)

Casing/Cement Program: Additional Comments

N/A

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
N/A	N/A	N/A	N/A

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 checked="" type="checkbox"/> in general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/>		OIL CONSERVATION DIVISION	
Signature: 		Approved By: 	
Printed name: D. PATRICK DARDEN, P.E.		Title: PETROLEUM ENGINEER	
Title: SENIOR ENGINEER		Approved Date:	Expiration Date:
E-mail Address:		JUL 25 2012	
Date: 06/26/2012	Phone: 432-689-5200	Conditions of Approval Attached	

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State of New Mexico
 Energy, Minerals & Natural Resources Department
 OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-102
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34815	² Pool Code 5629559847	³ Pool Name SHELLAR NORTH (W. 1/4 P. 18)	⁴ Well Number 5
⁵ Property Code 309145	⁶ Property Name MAYFLY "14" STATE COM		⁷ Elevation 3985' GL
⁸ GRID No. 240974	⁹ Operator Name LEGACY RESERVES OPERATING, L.P.		

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	14	16S	35E		330	NORTH	530	WEST	LEA

¹¹ 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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

	<p>¹⁷ 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 leased 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>Signature: <u>D. Patrick Darden</u> Date: <u>7/02/12</u></p> <p>Printed Name: <u>D. PATRICK DARDEN</u></p> <p>E-mail Address: _____</p>			
	<p>¹⁸ 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>Date of Survey: _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p>Certificate Number: _____</p>			