

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
June 16, 2008

RECEIVED

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address LEGACY RESERVES OPERATING LP P.O. BOX 10848 MIDLAND, TX 79702		<sup>2</sup> OGRID Number 240974
		<sup>3</sup> API Number 30 - 025-39747
<sup>3</sup> Property Code 302811 ✓	<sup>5</sup> Property Name STATE E 744 15	<sup>6</sup> Well No. 2 ✓
<sup>9</sup> Proposed Pool 1 CORBIN, WEST (DELAWARE) ✓		<sup>10</sup> Proposed Pool 2

**7 Surface Location**

UL or lot no. P	Section 15	Township 18S	Range 33E	Lot Idn	Feet from the 330	North/Southline South	Feet from the 330	East/West line East	County Lea
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**8 Proposed 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
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**Additional Well Information**

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S ✓	<sup>15</sup> Ground Level Elevation 3900'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 6000'	<sup>18</sup> Formation Delaware	<sup>19</sup> Contractor Unknown	<sup>20</sup> Spud Date 06/01/10 - Estimated



**21 Proposed Casing and Cement Program**

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	32#	1600'	800	Surface
7-7/8"	5-1/2"	17#	6000'	1425	Surface

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

We plan to drill a 12-1/4" hole to 1600' with fresh water, run 32# J-55 8-5/8" casing and set at 1600' with 800 sx cmt, circ to surface. Drill 7-7/8" hole to 6000' with cut brine water from 1600'-5000', and cut brine water w/starch from 5000' - 6000'. Run & set 5-1/2", 17# N-80 casing at 6000', setting DVT @ 4500'. Cmt production casing in 2 stages. Stage 1: 300 sx cmt. Stage 2: 1125 sx cmt, circulating cmt to surface. Mud system to be closed loop. BOP: Double Ram 3000# WP, test pressure 3000#.

**Permit Expires 2 Years From Approval  
Date Unless Drilling Underway**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: 		Approved by: 	
Printed name: D. PATRICK DARDEN, P.E.		Title: PETROLEUM ENGINEER	
Title: SENIOR ENGINEER		Approval Date: MAY 04 2010	Expiration Date:
E-mail Address:			
Date: 04/28/10	Phone: 432-689-5237	Conditions of Approval Attached <input type="checkbox"/>	

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State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
1220 South St. Frances  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-39747</b>	Pool Code 13195	Pool Name CORBIN, WEST (DELAWARE)
Property Code 302811	Property Name STATE E 744 15	Well Number 2
OGRID No. 240974	Operator Name LEGACY RESERVES OPERATING LP	Elevation 3900'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	15	18 S	33 E		330	SOUTH	330	EAST	LEA

Bottom Hole Location If Different From Surface

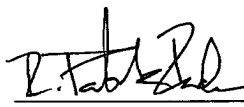
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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>NOTE:</p> <p>1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.</p>				
				<p>Plane Coordinate X = 712,284.3 Y = 634,039.9</p>

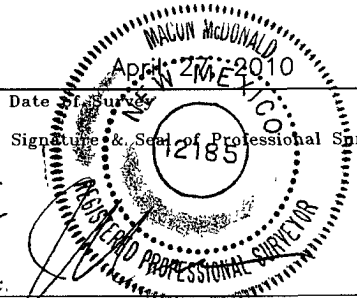
OPERATOR CERTIFICATION

I hereby certify the 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.

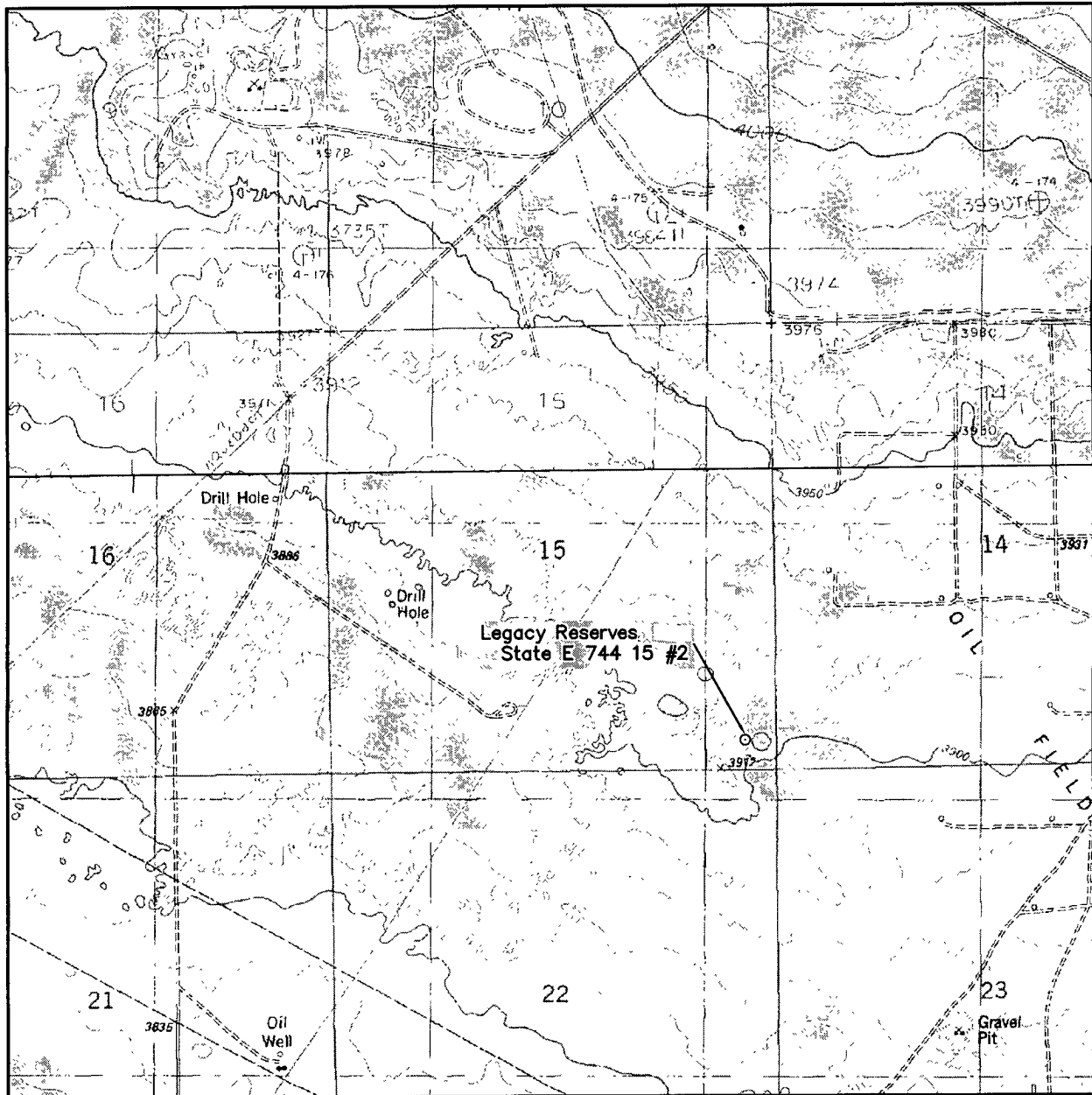
 04/28/10  
Signature Date  
D. Patrick Darden, P.E.  
Printed Name

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

Date of Survey April 27, 2010  
Signature & Seal of Professional Surveyor  ALC  
W.O. Num. 2010-0417  
Certificate No. MACON McDONALD 12185

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
LAGUNA GUTUNA N.W. - 10'

SEC. 15 TWP. 18-S RGE. 33-E

SURVEY \_\_\_\_\_ N.M.P.M.

COUNTY \_\_\_\_\_ LEA

DESCRIPTION 330' FSL & 330' FEL

ELEVATION 3900'

OPERATOR LEGACY RESERVES OPERATING LP

LEASE STATE E 744 15

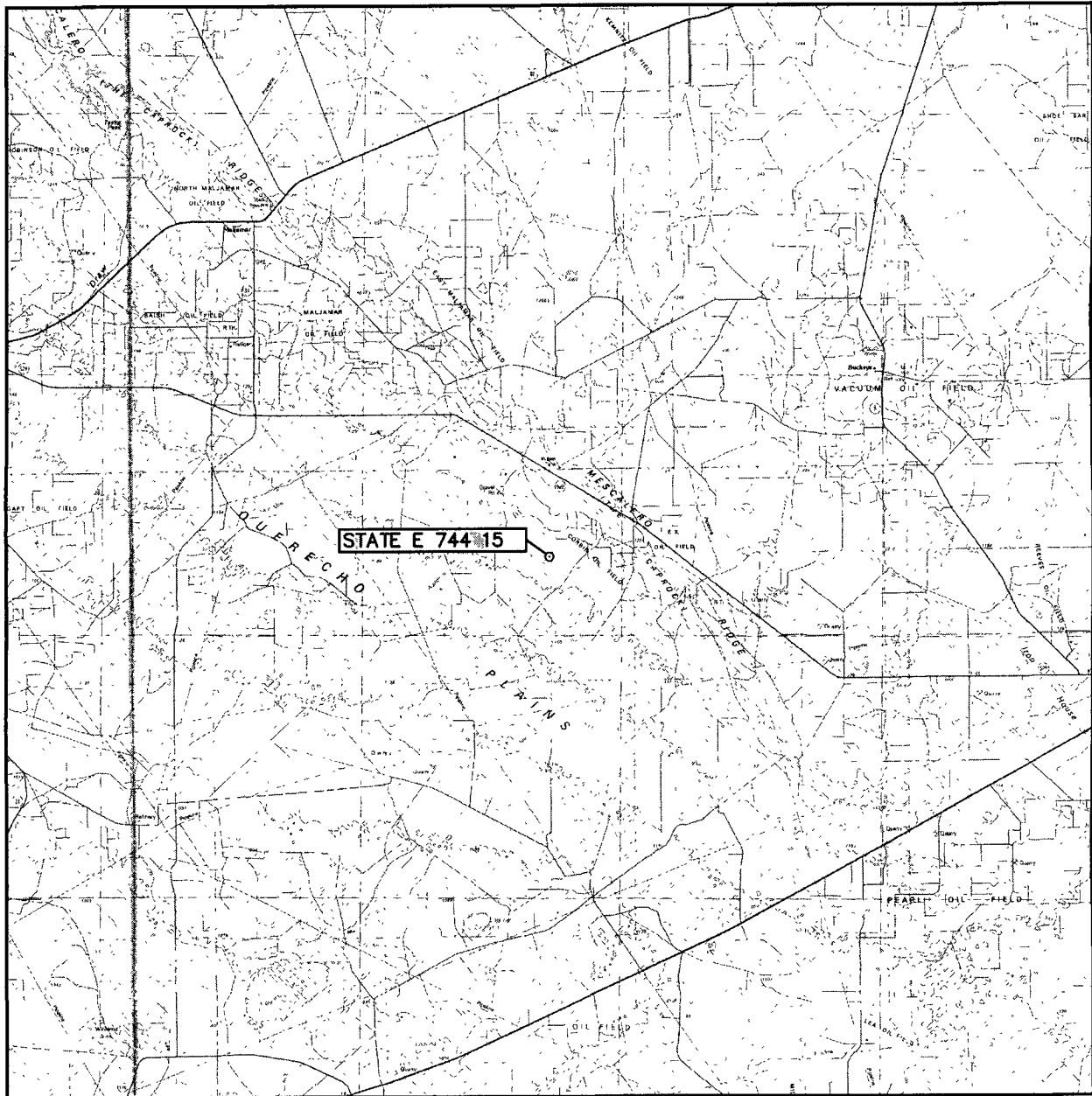
U.S.G.S. TOPOGRAPHIC MAP  
LAGUNA GATUNA N.W.



**WEST**  
**COMPANY**  
of Midland, Inc.

110 W. LOUISIANA, STE. 110  
MIDLAND TEXAS, 79701  
(432) 687-0865 - (432) 687-0868 FAX

# VICINITY MAP



SCALE: 1" = 4 MILES

SEC. 15 TWP. 18-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FSL & 330' FEL

ELEVATION 3900'

OPERATOR LEGACY RESERVES, OPERATING LP

LEASE STATE E 744 15



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