

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Arco, NM 88210

District III
1000 Rio Grande Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-107A
Revised June 10, 2003

APPLICATION TYPE
 Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No
*New well

APPLICATION FOR DOWNHOLE COMMINGLING

DAC-4161

Operator EnerVest Operating, L.L.C. Address 1001 Fannin, Suite 800 Houston, TX 77002

Lease Martin B Well No. 4 Unit Letter-Section-Township-Range 1 - Sec 31, T 24S, R 37E County Lea

OGRID No. 143199 Property Code 303909 API No. 30-025-38883 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Jalmat (T-Y-7R) (Gas)		Langlie Matix (7R-Q-G) (Oil)
Pool Code	79240		37240
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	2881' - 3349'		3396' - 3636'
Method of Production (Flowing or Artificial Lift)	Pump		Pump
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone.)	N/A		N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)	N/A		N/A
Producing, Shut-In or New Zone	Producing		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 10-18-08 Rates: 161 Mcf 0 BO	Date: Rates:	Date: 11-23-08 Rates: 60 Mcf 31.51 BO
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 0 % Gas 73 %	Oil % Gas %	Oil 100 % Gas 27 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes No

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bridget Helfrich TITLE Regulatory Tech. DATE 3-2-09

TYPE OR PRINT NAME Bridget Helfrich TELEPHONE NO. (713) 495-6537

E-MAIL ADDRESS bhelfrich@enervest.net

DISTRICT I
1623 N. FRENCH DR., HOBBBS, NM 88240

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State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-38883	Pool Code 79240	Pool Name Jalmat (T-Y-7R) Gas
Property Code 303909	Property Name MARTIN B	Well Number 4
OGRID No. 143199	Operator Name ENERVEST OPERATING	Elevation 3256'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	31	24-S	37-E		660	NORTH	660	WEST	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	Info or Infill	Consolidation Code	Order No.
156.19	Y		

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

GEODETTIC COORDINATES
NAD 27 NME
Y=430727.3 N
X=848276.7 E
LAT.=32.179177° N
LONG.=103.207678° W

OPERATOR CERTIFICATION

I hereby certify that the information 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 tract including the proposed location of the location or has a right to drill this well at this location pursuant to a contract with an owner of such interest or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Leon Miller Date: 4-9-08
Printed Name: Leon Miller

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was placed 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.

Signature & Seal of Professional Surveyor
Ronald J. Eidson

Certificate No. **GARY EIDSON 12841**
RONALD J. EIDSON 3239

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Revised October 12, 2005
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WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-38883	Pool Code 37240	Pool Name Langle Mathix (L7R-Q-G) Oil
Property Code 303909	Property Name MARTIN B	Well Number 4
OCRID No. 143199	Operator Name ENERVEST OPERATING	Elevation 3256'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	31	24-S	37-E		660	NORTH	660	WEST	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 38.09	Joint or Infill Y	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

	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=430727.3 N X=848275.7 E</p> <p>LAT.=32.179177° N LONG.=103.207678° W</p>	<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this operator either owns a working interest or 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>[Signature]</i> 4-8-09 Date</p> <p>Gary Miller Printed Name</p> <p>AGENT</p>
38.10 AC. LOT 3		<p>SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p style="text-align: center;"> </p> <p>Date Surveyed 4/3/09</p> <p>Signature & Seal of Professional Surveyor <i>[Signature]</i></p>
38.12 AC. LOT 4		<p>Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3259</p>
38.13 AC.		

Martin B #4

Percentage allocation is based on the following test information:

Jalmat (T-Y-7R) Gas

10-18-08 Well Test
Gas =161 Mcf
161/221
Gas allocation =73%

Oil =0 BO
0/31.51 =0%

Langlie Mattix (7R-Q-G) (Oil)

11-23-08 Well Test
Gas =60 Mcf
60/221
Gas allocation =27%

Oil =31.51 BO
31.51/31.51 =100%

For future drilling in this area:

1. Where more than one Pool/zone is perforated, we will file Form C-103 Sundry prior to work being done for NMOCD approval.
2. If commingling is needed, we will file Form C-107A prior to work being done for NMOCD approval.