

Submit 1 Copy To Appropriate District Office  
 District I - (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II - (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV - (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

WELL API NO. N/A <u>90-039-31305</u>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Jicarilla B
8. Well Number 5M
9. OGRID Number 143199
10. Pool name or Wildcat Blanco-Mesaverde & Basin-Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6,629' GR

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well  Gas Well  Other

2. Name of Operator  
Enervest Operating, L.L.C.

3. Address of Operator  
1001 Fannin Street, Suite 800 Houston, Texas 77002

4. Well Location  
 Unit Letter C : 794 feet from the North line and 2388 feet from the West line  
 Section 21 Township 26 North Range 5 West NMPM Rio Arriba County



12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Enervest Operating, L.L.C. ("Enervest") is proposing to drill the Jicarilla B Well No. 5M and complete the well as a downhole commingled completion in the Blanco-Mesaverde and Basin-Dakota Gas Pools.

**Order No. Authorizing Pre-Approved Downhole Commingling:** R-11363 dated 4/26/2000  
**Pools to be Downhole Commingled:** Blanco-Mesaverde (Prorated Gas-72319) and Basin-Dakota (Prorated Gas-71599) Pools  
**Perforated Intervals (Estimated):** Basin-Dakota: 7,274'-7,510'; Blanco-Mesaverde: 4,822'-5,352'  
**Allocation Method:** Based upon the 2014 average production from seven wells offsetting the Jicarilla B No. 5M (See Attached Table), Enervest proposes to allocate production to the well as follows:  
**Blanco-Mesaverde Gas Pool: Oil: 56% Gas: 51% Water: 29%**  
**Basin-Dakota Gas Pool: Oil: 44% Gas: 49% Water: 71%**

Interest Ownership between the Mesaverde and Dakota is common. The well is dedicated to the W/2 of Section 21 in both the Blanco-Mesaverde and Basin-Dakota Gas Pools. No notification required.  
 The composition of the commingled fluids is such that commingling will not reduce the total remaining production's value  
 A Copy of this Form C-103 has been provided to the United States Bureau of Land Management.

Spud Date:  Rig Release Date:

*Sundry held for APD approval DHC# 3951 AZ*

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

SIGNATURE Michelle Doescher TITLE Regulatory Consultant DATE 02/02/2015

Type or print name Michelle Doescher E-mail address: sdoescher@enervest.net PHONE: 505-320-5682

**For State Use Only**

APPROVED BY: [Signature] TITLE **DEPUTY OIL & GAS INSPECTOR** DATE 11/12/2015  
 Conditions of Approval (if any): DISTRICT #3

AP

RV

**DHC Application**  
**Jicarilla B No. 5M**  
**Offset Well Production**

<b>Offset Well Name &amp; Number</b>	<b>Well Location</b>	<b>2014 Avg. Mesaverde Oil Production</b>	<b>2014 Avg. Mesaverde Gas Production</b>	<b>2014 Avg. Mesaverde H2O Prod.</b>	<b>2014 Avg. Dakota Oil Production</b>	<b>2014 Avg. Dakota Gas Production</b>	<b>2014 Avg. Dakota H2O Prod.</b>
Jicarilla B No. 4M	G-21-26N-5W	0.51 BOPD	102 MCFG/D	1.2 BWPD	0.63 BOPD	124 MCFG/D	2.4 BWPD
Jicarilla B No. 5	K-21-26N-5W	0.34 BOPD	50 MCFG/D	0.36 BWPD	0.14 BOPD	21 MCFG/D	0.36 BWPD
Jicarilla A No. 5	G-20-26N-5W	0.13 BOPD	25 MCFG/D	0.16 BWPD	0.22 BOPD	25 MCFG/D	0.25 BWPD
Jicarilla A No. 8E	P-17-26N-5W	0.03 BOPD	42 MCFG/D	0.03 BWPD	0.06 BOPD	15 MCFG/D	0.26 BWPD
Jicarilla B No. 2	M-16-26N-5W	0.08 BOPD	6 MCFG/D	0.11 BWPD	0.02 BOPD	35 MCFG/D	0.82 BWPD
Jicarilla B No. 2M	O-16-26N-5W	0.0 BOPD	17 MCFG/D	0.14 BWPD	0.0 BOPD	59 MCFG/D	1.0 BWPD
Jicarilla B No. 6E	C-22-26N-5W	0.43 BOPD	75 MCFG/D	0.19 BWPD	0.14 BOPD	26 MCFG/D	0.24 BWPD
<b>Well Average</b>		<b>0.22 BOPD</b>	<b>45 MCFG/D</b>	<b>0.31 BWPD</b>	<b>0.17 BOPD</b>	<b>44 MCFG/D</b>	<b>0.76 BWPD</b>
<b>Recommended Allocation</b>		<b>56%</b>	<b>51%</b>	<b>29%</b>	<b>44%</b>	<b>49%</b>	<b>71%</b>

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State of New Mexico  
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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

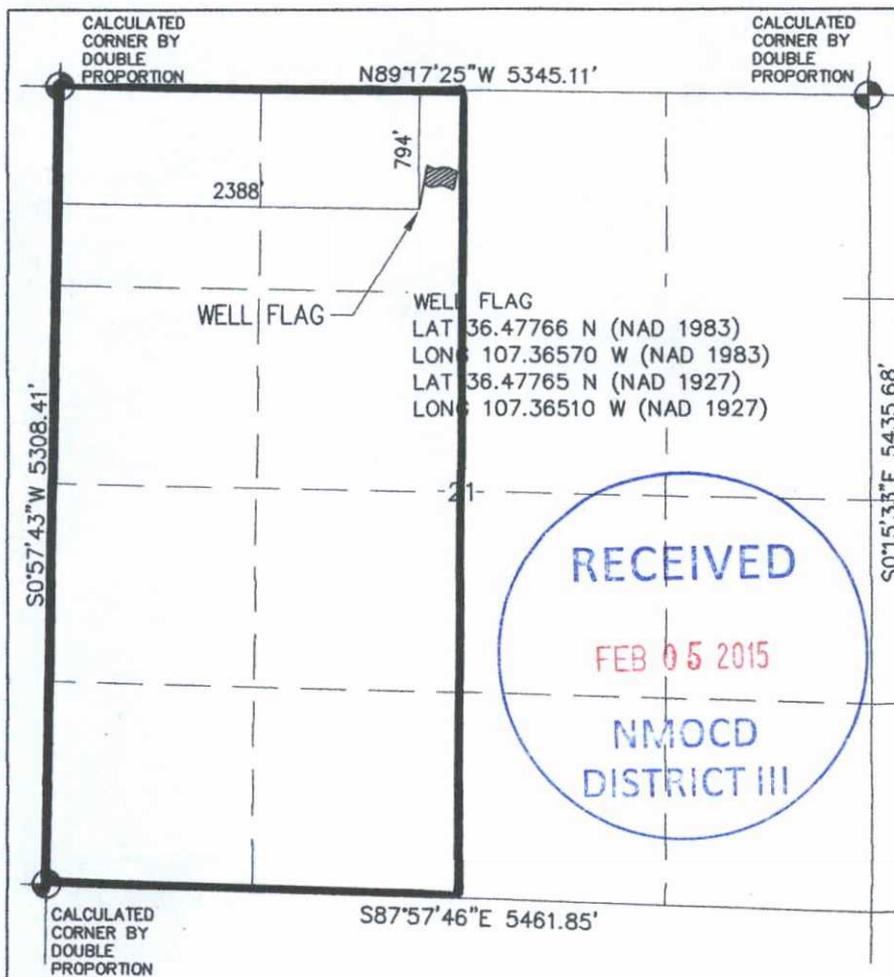
<sup>1</sup> API Number		<sup>2</sup> Pool Code 72319/71599	<sup>3</sup> Pool Name BLANCO MESAVERDE/BASIN DAKOTA
<sup>4</sup> Property Code 306753	<sup>5</sup> Property Name JICARILLA B		<sup>6</sup> Well Number #5M
<sup>7</sup> OGRID No. 143199	<sup>8</sup> Operator Name ENERVEST OPERATING, LLC		<sup>9</sup> Elevation 6629

<sup>10</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	21	26N	5W		794'	NORTH	2388'	WEST	RIO ARRIBA

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint of Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



<sup>17</sup>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.

*M. Doescher* 1-29-15  
Signature Date  
*Michelle Doescher*  
Printed Name  
*Sdoescher@enervest.net*  
E-mail Address

<sup>18</sup>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 behalf.

Survey Date: OCT. 31, 2014  
Signature and Seal of Professional Surveyor



Certificate Number 11643