

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

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

Form C-103  
Revised July 18, 2013

WELL API NO.

N/A 90-039-31305

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

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

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

6,629' GR

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

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☒

CLOSED-LOOP SYSTEM ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

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:

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  
DISTRICT #3

DATE 11/12/2015

Conditions of Approval (if any):



**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>

Certificate Number 11643