

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

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

WELL API NO.

N/A 30-039-31300

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Jicarilla B

8. Well Number 2F

9. OGRID Number

143199

10. Pool name or Wildcat

Blanco-Mesaverde & Basin-Dakota

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 K : 2047 feet from the South line and 1690 feet from the West line

Section 16 Township 26 North Range 5 West NMPM Rio Arriba County

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

6,556' GR

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. 2F 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: 7,326'-7,468'; Blanco-Mesaverde: 4,991'-5,441'

Allocation Method: Based upon the 2014 average production from eight wells offsetting the Jicarilla B No. 2F (See Attached Table), Enervest proposes to allocate production to the well as follows:

Blanco-Mesaverde Gas Pool: Oil: 28% Gas: 48% Water: 22%

Basin-Dakota Gas Pool: Oil: 72% Gas: 52% Water: 78%

Interest Ownership between the Mesaverde and Dakota is common. The well is dedicated to the S/2 of Section 16 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 02/02/2015Type or print name Michelle Doescher E-mail address: sdoescher@yahoo.com PHONE: 505-320-5682

For State Use Only

APPROVED BY: [Signature]
Conditions of Approval (if any):TITLE DEPUTY OIL & GAS INSPECTOR DATE 6/22/15

AV

DISTRICT #3

DHC Application
Jicarilla B No. 2F
Offset Well Production

Offset Well Name & Number	Well Location	2014 Avg. Mesaverde Oil Production	2014 Avg. Mesaverde Gas Production	2014 Avg. Mesaverde H2O Prod.	2014 Avg. Dakota Oil Production	2014 Avg. Dakota Gas Production	2014 Avg. Dakota H2O Prod.
Jicarilla B No. 2	M-16-26N-5W	0.084 BOPD	6 MCFG/D	0.11 BWPD	.015 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. 7	H-16-26N-5W	0.0 BOPD	15 MCFG/D	0.0 BWPD	0.125 BOPD	49 MCFG/D	0.25 BWPD
Jicarilla B No. 7F	D-16-26N-5W	0.21 BOPD	70 MCFG/D	0.1 BWPD	0.91 BOPD	29 MCFG/D	0.82 BWPD
Jicarilla A No. 8	H-17-26N-5W	0.15 BOPD	25 MCFG/D	0.58 BWPD	0.08 BOPD	13 MCFG/D	0.62 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. 2E	J-16-26N-5W	N/A	N/A	N/A	0.45 BOPD	46 MCFG/D	0.38 BWPD
AXI Apache K No. 6A	O-9-26N-5W	.015 BOPD	46 MCFG/D	0.20 BWPD	N/A	N/A	N/A
Well Average		0.09 BOPD	32 MCFG/D	0.17 BWPD	0.234 BOPD	35 MCFG/D	0.59 BWPD
Recommended Allocation		28%	48%	22%	72%	52%	78%

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 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

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	² Pool Code 72319/71599	³ Pool Name BLANCO MESAVERDE/BASIN DAKOTA
⁴ Property Code 306753	⁵ Property Name JICARILLA B	⁶ Well Number #2F
⁷ OGRID No. 143199	⁸ Operator Name ENERVEST OPERATING, LLC	⁹ Elevation 6556'

¹⁰Surface Location

UL or lot no. K	Section 16	Township 26	Range 5	Lot Idn	Feet from the 2047'	North/South line SOUTH	Feet from the 1690'	East/West line WEST	County RIO ARriba
--------------------	---------------	----------------	------------	---------	------------------------	---------------------------	------------------------	------------------------	----------------------

¹¹Bottom 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 MV-S1/2 ; DK-S1/2 , 325+/- ACRES	¹³ Joint of Infill	¹⁴ Consolidation Code	¹⁵ 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.

RECEIVED

FEB 05 2015

NMOCD
DISTRICT III

CALCULATED
CORNER BY
DOUBLE
PROPORTION



CALCULATED
CORNER BY
DOUBLE
PROPORTION

CALCULATED
CORNER BY
DOUBLE
PROPORTION

¹⁷OPERATOR 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.

Michelle Doesch 1-29-15
Signature Date

Michelle Doesch
Printed Name

mdoescher@enervest.com
E-mail Address

¹⁸SURVEYOR 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.

Survey Date: OCT. 31, 2014

Signature and Seal of Professional Surveyor



Certificate Number 11643