

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. 30-039-31193
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 Apache 102
8. Well Number 14M
9. OGRID Number 143199
10. Pool name or Wildcat Blanco-Mesaverde & Basin-Dakota
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7,112' GR

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

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>
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 N : 1310 feet from the South line and 1482 feet from the West line Section 9 Township 26 North Range 4 West NMPM Rio Arriba County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7,112' 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 Apache 102 Well No. 14M 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 Formation Tops): Basin-Dakota: 7,988'-8,283'; Blanco-Mesaverde: 5,510'-6,087'

Allocation Method: Based upon the 2013 average production from several wells offsetting the Jicarilla Apache 102 No. 14M (See Attached Table) Enervest proposes to allocate production to the well as follows:

Blanco-Mesaverde Gas Pool: Oil: 33% Gas: 47% Water: 54%

Basin-Dakota Gas Pool: Oil: 67% Gas: 53% Water: 46%

\* OHC 3891 A2

Interest Ownership between the Mesaverde and Dakota is common. The well is dedicated to the S/2 of Section 9 in the Blanco-Mesaverde Gas Pool, and to the W/2 of Section 9 in the Basin-Dakota Gas Pool. 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

David Catanach

TITLE Agent-Enervest Operating, L.L.C.

DATE

6/4/2014

Type or print name David Catanach

E-mail address: drcatanach@netscape.com

PHONE: 505- 690-9453

For State Use Only

Deputy Oil & Gas Inspector,

District #3

APPROVED BY:

WHL 1/1/14

TITLE

DATE

6/12/14

Conditions of Approval (if any):

N

2

**DHC Application**  
**Jicarilla Apache 102 No. 14M**  
**Offset Well Production**

<b>Offset Well Name &amp; Number</b>	<b>Well Location</b>	<b>2013 Avg. Mesaverde Oil Production</b>	<b>2013 Avg. Mesaverde Gas Production</b>	<b>2013 Avg. Mesaverde H2O Prod.</b>	<b>2013 Avg. Dakota Oil Production</b>	<b>2013 Avg. Dakota Gas Production</b>	<b>2013 Avg. Dakota H2O Prod.</b>
Jicarilla 102 No. 14F	D-9-26N-4W	0.14 BOPD	31 MCFG/D	0.2 BWPD	0.61 BOPD	102 MCFG/D	0.89 BWPD
Jicarilla 102 No. 12	G-9-26N-4W	N/A	N/A	N/A	0.4 BOPD	40 MCFG/D	0.22 BWPD
Jicarilla 102 No. 29	G-9-26N-4W	0.56 BOPD	28 MCFG/D	1.39 BWPD	N/A	N/A	N/A
Jicarilla 102 No. 12E	O-9-26N-4W	N/A	N/A	N/A	0.51 BOPD	62 MCFG/D	0.57 BWPD
Jicarilla 102 No. 15	P-9-26N-4W	0.16 BOPD	17 MCFG/D	0.6 BWPD	N/A	N/A	N/A
Northwest No. 4E	I-8-26N-4W	N/A	N/A	N/A	0.87 BOPD	20 MCFG/D	0.54 BWPD
Jicarilla 103 No. 9	A-17-26N-4W	0.17 BOPD	3 MCFG/D	0.58 BWPD	N/A	N/A	N/A
Jicarilla 103 No. 12	A-17-26N-4W	N/A	N/A	N/A	0.26 BOPD	18 MCFG/D	0.33 BWPD
Jicarilla E No. 15E	C-16-26N-4W	0.32 BOPD	101 MCFG/D	0.46 BWPD	0.64 BOPD	37 MCFG/D	0.46 BWPD
Jicarilla E No. 9	B-16-26N-6W	0.25 BOPD	74 MCFG/D	0.29 BWPD	N/A	N/A	N/A
<b>Well Average</b>		<b>0.27 BOPD</b>	<b>42 MCFG/D</b>	<b>0.59 BWPD</b>	<b>0.55 BOPD</b>	<b>47 MCFG/D</b>	<b>0.5 BWPD</b>
<b>Recommended Allocation</b>		<b>33%</b>	<b>47%</b>	<b>54%</b>	<b>67%</b>	<b>53%</b>	<b>46%</b>