

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. 30-039-31179
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 12N
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 <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 H : 1387 feet from the North line and 304 feet from the East line Section 9 Township 26 North Range 4 West NMPM Rio Arriba County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6,946' GR	

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <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 Apache 102 Well No. 12N 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: 7,841'-8,131'; Blanco-Mesaverde: 5,363'-5,940'

Allocation Method: Based upon the 2014 average production from several wells offsetting the Jicarilla Apache 102 No. 12N (See Attached Table) Enervest proposes to allocate production to the well as follows:

Blanco-Mesaverde Gas Pool: Oil: 34% Gas: 39% Water: 29%

Basin-Dakota Gas Pool: Oil: 66% Gas: 61% Water: 71%

* DHC 3908 A2

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

7/23/14

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 10/1/14

TITLE

DATE

SEP 17 2014

Conditions of Approval (if any):

N

DHC Application
Jicarilla Apache 102 No. 12N
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 102 No. 12M	J-9-26N-4W	0.067 BOPD	43 MCFG/D	0.31 BWPD	0.25 BOPD	18 MCFG/D	1.2 BWPD
Jicarilla 102 No. 14F	D-9-26N-4W	0.067 BOPD	29 MCFG/D	0.14 BWPD	0.28 BOPD	95 MCFG/D	0.64 BWPD
Jicarilla 102 No. 9M	O-4-26N-4W	0.1 BOPD	32 MCFG/D	0.26 BWPD	0.46 BOPD	105 MCFG/D	1.18 BWPD
Jicarilla 102 No. 8M	L-3-26N-4W	1.7 BOPD	224 MCFG/D	4.16 BWPD	2.9 BOPD	349 MCFG/D	10.2 BWPD
Jicarilla 102 No. 8F	P-3-26N-4W	0.44 BOPD	62 MCFG/D	1.4 BWPD	0.44 BOPD	96 MCFG/D	1.4 BWPD
Jicarilla 102 No. 11	C-10-26N-4W	0.1 BOPD	60 MCFG/D	0.28 BWPD	0.12 BOPD	10 MCFG/D	0.0 BWPD
Jicarilla 102 No. 11M	L-10-26N-4W	0.14 BOPD	49 MCFG/D	0.5 BWPD	1.0 BOPD	209 MCFG/D	3.34 BWPD
Jicarilla 102 No. 13M	J-10-26N-4W	0.51 BOPD	120 MCFG/D	0.8 BWPD	0.57 BOPD	80 MCFG/D	0.91 BWPD
Well Average		0.39 BOPD	77 MCFG/D	0.98 BWPD	0.75 BOPD	120 MCFG/D	2.4 BWPD
Recommended Allocation		34%	39%	29%	66%	61%	71%