

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

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.)		WELL API NO. 30-039-31215
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Enervest Operating, L.L.C.		6. State Oil & Gas Lease No.
3. Address of Operator 1001 Fannin Street, Suite 800 Houston, Texas 77002		7. Lease Name or Unit Agreement Name Jicarilla Contract 155
4. Well Location Unit Letter <u>M</u> : <u>1201</u> feet from the <u>South</u> line and <u>762</u> feet from the <u>West</u> line Section <u>29</u> Township <u>26 North</u> Range <u>5 West</u> NMPM Rio Arriba County		8. Well Number <u>20M</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6,492' GR		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 ☐
OIL CONS. DIV DIST. 3
MAY 15 2014
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 Contract 155 Well No. 20M 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: 7,066'-7,250'; Blanco-Mesaverde: 4,877'-5,128'

Allocation Method: Based upon the 2013 average production from seven wells offsetting the Jicarilla Contract 155 No. 20M (See Attached Table), Enervest proposes to allocate production to the well as follows:

Blanco-Mesaverde Gas Pool: Oil: 47% Gas: 35% Water: 24%

Basin-Dakota Gas Pool: Oil: 53% Gas: 65% Water: 76%

Interest Ownership between the Mesaverde and Dakota is common. The well is dedicated to the W/2 of Section 29 in the Basin-Dakota Gas Pool and to the SW/4 of Section 29 in the Blanco-Mesaverde 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

5/14/14

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:

Wade Hays

TITLE

DATE

5/28/14

Conditions of Approval (if any):

DHC Application
Jicarilla Contract 155 No. 20M
Offset Well Production

Offset Well Name & Number	Well Location	2013 Avg. Mesaverde Oil Production	2013 Avg. Mesaverde Gas Production	2013 Avg. Mesaverde H2O Prod.	2013 Avg. Dakota Oil Production	2013 Avg. Dakota Gas Production	2013 Avg. Dakota H2O Prod.
Jicarilla Cont. 155 # 19E	J-29-26N-5W	N/A	N/A	N/A	0.39 BOPD	64 MCFG/D	0.5 BWPD
Jicarilla Cont. 155 # 19M	G-29-26N-5W	2.4 BOPD	165 MCFG/D	0.97 BWPD	2.97 BOPD	199 MCFG/D	6.5 BWPD
Jicarilla Cont. 155 # 20	N-29-26N-5W	0.23 BOPD	12 MCFG/D	0.5 BWPD	0.4 BOPD	80 MCFG/D	0.88 BWPD
Jicarilla Cont. 155 # 33A	C-29-26N-5W	0.22 BOPD	34 MCFG/D	0.23 BWPD	N/A	N/A	N/A
Jicarilla Cont. 155 # 13	I-30-26N-5W	N/A	N/A	N/A	1.0 BOPD	98 MCFG/D	0.33 BWPD
Jicarilla Cont. 155 # 25	O-30-26N-5W	0.45 BOPD	48 MCFG/D	0.4 BWPD	N/A	N/A	N/A
Jicarilla Gas Com B # 1	A-31-26N-5W	0.64 BOPD	55 MCFG/D	0.44 BWPD	N/A	N/A	N/A
Jicarilla Cont. 155 # 22	I-31-26N-5W	0.0 BOPD	28 MCFG/D	0.04 BWPD	0.004 BOPD	125 MCFG/D	0.11 BWPD
Jicarilla Gas Com B # 1	G-31-26N-5W	N/A	N/A	N/A	0.48 BOPD	73 MCFG/D	0.70 BWPD
Jicarilla Cont. 155 # 29	F-32-26N-5W	0.68 BOPD	51 MCFG/D	0.33 BWPD	N/A	N/A	N/A
Jicarilla Gas Com C # 1E	F-32-26N-5W	N/A	N/A	N/A	0.074 BOPD	73 MCFG/D	0.52 BWPD
Well Average		0.66 BOPD	56 MCFG/D	0.42 BWPD	0.76 BOPD	102 MCFG/D	1.37 BWPD
Recommended Allocation		47%	35%	24%	53%	65%	76%