

4/16/2014 DATE IN	SUSPENSE	ENGINEER	4/16/2014 LOGGED IN	PC TYPE	PMAM1410646373 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

#### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☒ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify \_\_\_\_\_

#### [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

#### [3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

David Catanach  
 Print or Type Name

David Catanach  
 Signature

Agent-Enervest Operating, LLC  
 Title

4/16/14  
 Date

drcatanach@netscape.com  
 E-Mail Address

PC-1275

-PC  
 - Enervest operating  
 143199  
 well  
 - Jicami #2E  
 30-039-22579  
 pool  
 - Basin Dakota  
 71599  
 - Blanco mesa verde  
 72319

Enervest Operating, LLC  
1001 Fannin Street, Suite 800  
Houston, Texas 77002-6707

Surface Commingling Application  
Enervest Operating, LLC  
Jicarilla B No. 2E  
API No. 30-039-22579  
1640' FSL & 1520' FEL (J) Section 16, T-26N, R-5W

I hereby certify that the working, royalty and overriding royalty interest is common between the  
Blanco-Mesaverde (72319) and Basin-Dakota (71599) Gas Pools within the above-described  
Jicarilla B No. 2E.



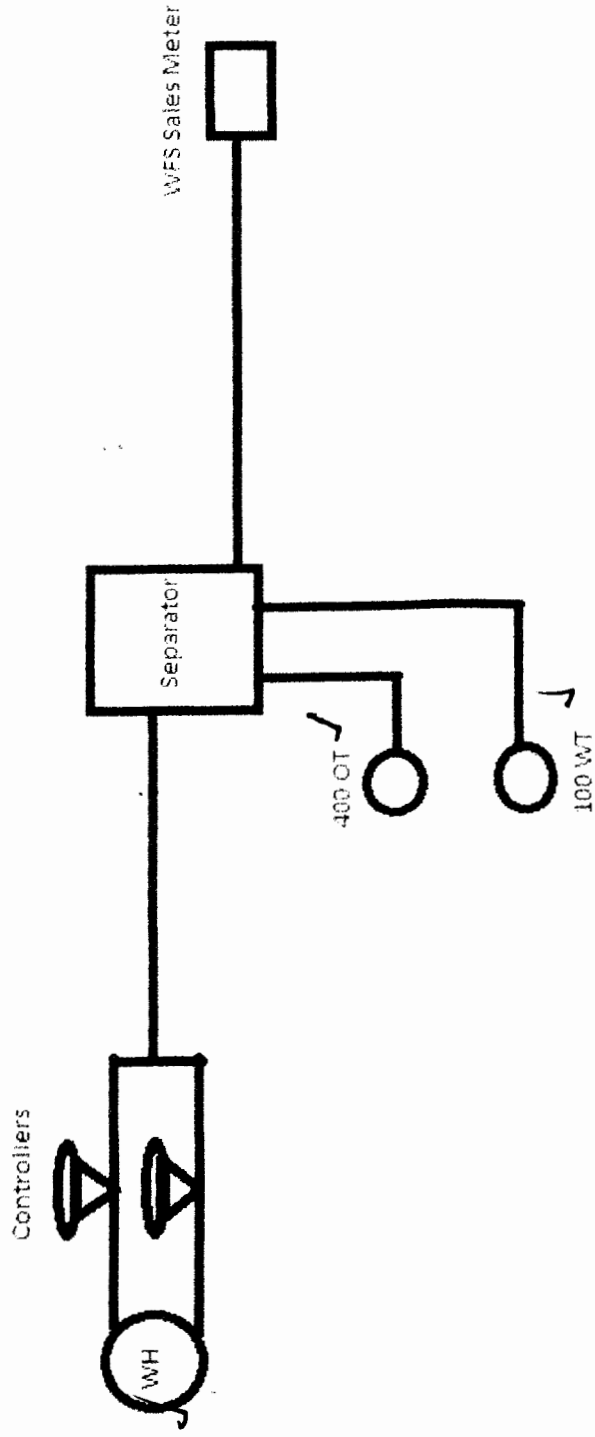
\_\_\_\_\_  
J. Peter Tower  
Director-San Juan Permian-Land

OK

Form C-102  
Revised July 16, 2010  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

<p style="text-align: center;"><b>Jicarilla B No. 2E</b></p> <p style="text-align: right; margin-right: 10%;">1520'</p> <p style="text-align: center; margin-top: 100px;">1640'</p>	<h3 style="margin: 0;">OPERATOR CERTIFICATION</h3> <p><i>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 bottomhole 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 heretofor entered by the Division.</i></p> <hr/> <p style="font-family: cursive; font-size: 1.2em;">David Catanach</p> <p style="text-align: right; font-family: cursive; font-size: 1.2em;">4/16/14</p> <hr/> <p>Signature <span style="float: right;">Date</span></p> <hr/> <p><b>David Catanach-Agent</b></p> <p>Printed Name</p> <hr/> <p><b>drcatanach@netscape.com</b></p> <p>E-mail Address</p>
<p style="text-align: center;"><b>Jicarilla B No. 2E</b></p> <p style="text-align: right; margin-right: 10%;">1520'</p> <p style="text-align: center; margin-top: 100px;">1640'</p>	<h3 style="margin: 0;">SURVEYOR CERTIFICATION</h3> <p><i>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.</i></p> <hr/> <p>Date of Survey</p> <hr/> <p>Signature and Seal of Professional Surveyor:</p>  <p style="text-align: center;"><b>Originally surveyed by Fred B. Kerr Jr. on November 2, 1980. Certificate No. 3950</b></p> <hr/> <p>Certificate Number</p>



Testing Procedure: For testing/allocation purposes, the DK will be shut off via the controller for 24 hrs once a month to test the MV production.

Enervest Operating, LLC  
Jicarilla B No. 2E  
Section 16-26N-5W  
Surface Commingling Facilities

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Enervest Operating, LLC

3a. Address  
1001 Fannin Street, Suite 800 Houston, Texas 77002

3b. Phone No. (Include area code)  
713-970-1847

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1640' FSL & 1520' FEL (J) Section 16, Township 26 North, Range 5 West, NMPM

5. Lease Serial No.  
Jicarilla B

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
Jicarilla B No. 2E

9. API Well No.  
30-039-22579

10. Field and Pool or Exploratory Area  
Blanco-Mesaverde & Basin-Dakota Gas Pools

11. Country or Parish, State  
Rio Arriba

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Surface Commingle</u>	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Enervest Operating, LLC ("Enervest") proposes to surface commingle Basin-Dakota and Blanco-Mesaverde Gas Pool production from the Jicarilla B No. 2E.

In support of this request, Enervest states that:

The S/2 of Section 16 is currently dedicated to the well in the Basin-Dakota and Blanco-Mesaverde Gas Pools; Ownership of the Mesaverde and Dakota zones is common throughout; Production will be allocated to each zone on the basis of a monthly well test.

Attached is a surface commingling application (Form C-103) filed with the NMOCD. Attached to the application are a Form C-102, a landman statement attesting that the ownership of the commingled zones is common, and a facility diagram.

Notice is being provided to the BLM as per Division rules.

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)  
Jeanie McMillan

Title SR. REG. ANALYST

Signature

*Jeanie McMillan*

Date

4-9-14

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

7012 3050 0000 6819 6509

U.S. Postal Service™	
CERTIFIED MAIL™ RECEIPT	
(Domestic Mail Only; No Insurance Coverage Provided)	
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>	
FARMINGTON, NM 87402	
Postage	\$ 1.19
Certified Fee	\$3.30
Return Receipt Fee (Endorsement Required)	\$2.70
Restricted Delivery Fee (Endorsement Required)	\$0.00
<b>T</b>	<b>\$7.19</b>

Postmark Here  
**APR 16 2014**

Se **BLM Farmington District Office**

Str **6251 College Blvd., Suite A**

or **Farmington, New Mexico 87402**

Cit

PS Form 3800, August 2006

See Reverse for Instructions

# RECEIVED

Form 3160-5  
(March 2012)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JAN 13 2014

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
**Jicarilla Contract 109**  
6. If Indian, Allottee, or Tribe Name  
**Jicarilla Apache Tribe**

**SUBMIT IN TRIPLICATE - Other Instructions on page 2.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement Name and/or No.
2. Name of Operator <b>EnerVest Operating, L.L.C.</b>		8. Well Name and No. <b>Jicarilla B # 2E</b>
3a. Address <b>1001 Fannin St. Suite 800, Houston, TX 77002</b>	3b. Phone No. (include area code) <b>713-659-3500</b>	9. API Well No. <b>30-039-22579</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1640' FSL &amp; 1520' FEL (UL J), Sec 16, T26N R05W</b>		10. Field and Pool, or Exploratory Area <b>Basin Dakota / Otero Chacra / Blanco MV</b>
		11. County or Parish, State <b>Rio Arriba, NM</b>


12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>P&amp;A Chacra zones,</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>perf and stimulate MV,</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>comingled with Dak</b>

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notice must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**EnerVest Operating, LLC intends to: 1. Isolate the existing Dakota perforations with CBP, 2. Cement plug the Chacra intervals (4044'-4054' and 4120'-4128') with +/- 100 sx cement, 3. Perform MIT test on the casing, 4. Run CBL logs, 5. Perforate MV intervals (5243' - 5452'), 6. Fracture stimulate the Mesa Verde intervals via 3 1/2" N-80 frac string, 7. Evaluate MV intervals, 8. Remove frac string, CBP and return well to production as a MV / Dak dual producer. Well may be comingled DH (with R-11363) or surface comingled pending appropriate NMOCD approval (documentation would be provided).**

RCVD JAN 15 '14  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Loren Diede</b>		Title <b>Contract Engineer</b>
Signature 		Date <b>January 10, 2014</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <b>Original Signed: Stephen Mason</b>	Title	Date <b>JAN 14 2014</b>
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lense which would entitle the applicant to conduct operations thereon.		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOCD