

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: April 16, 2014

Application Type:

☐ P&A ☐ Drilling/Casing Change ☒ Recomplete/DHC
☐ Location Change ☒ Other: Squeeze off Chacra

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf Owner	UL	Sec	Twp	N/S	Rng	W/E
30-039-22580-00-00	JICARILLA A	001E	ENERVEST OPERATING L.L.C.	G	A	Rio Arriba	J	F	18	26	N	5	W

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Notify agencies 24 hours prior to MIT

Provide CBL to agencies for review prior to perforations

Need approved surface commingling from Santa Fe prior to commingling

File C104, C102 and completion report for the Mesaverde prior to production

NMOCD Approved by Signature

5-1-14

Date

GEOLOGIST DISTRICT #3

RECEIVED

APR 17 2014

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Albuquerque Field Office
SUNLAND Land Management

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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 reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. Jicarilla Contract 110
2. Name of Operator EnerVest Operating, LLC		6. If Indian, Allottee, or Tribe Name Jicarilla Apache Tribe
3a. Address 1001 Fannin St, Suite 800 Houston, TX 77002-6707	3b. Phone No. (include area code) 713-659-3500; 713-970-1847	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1720' FNL & 1850' FWL (UL F), Sec. 18, T26N, R05W		8. Well Name and No. Jicarilla A #1E
		9. API Well No. 30-039-22580
		10. Field and Pool, or Exploratory Area Basin Dakota/Blanco Mesaverde
		11. County or Parish, State Rio Arriba, NM

12. CHECK APPROPRIATE BOX(S) 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"/> Altering 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 P&A Chacra,
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	Perf & stimulate
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	Mesaverde

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 or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall 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 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

EnerVest Operating, LLC respectfully submits the follow: Isolate the existing Dakota perforations with CBP set at ~7300'. Sqz the Chacra perfs @ 4024'-4109' with +/- 100 sxs cmt. Perform MIT test on csg. Run CBL logs. Perforate Mesaverde from ~5358' 5481' (Pt Lookout) & ~5230'-5280' (Menefee). Fracture stimulate the Mesaverde perforation. Evaluate the Mesaverde zone. Drill out CBP and produce as a dual with production being commingled at surface.

OIL CONS. DIV DIST. 3

APR 30 2014

14. I hereby certify that the foregoing is true and correct.

Name (Printed/ Typed)

Jeanie McMillan

Title

Sr. Regulatory Analyst

Signature

Jeanie McMillan

Date

April 16, 2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title

[Signature]

Date

4/29/14

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.

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this

form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office

present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and

NMOCDA