

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
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 reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. JIC146
2. Name of Operator ENER VEST OPERATING LLC Contact: BRIDGET HELFRICH E-Mail: bhelfrich@enervest.net		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 1001 FANNIN STREET SUITE 800 HOUSTON, TX 77002-6708	3b. Phone No. (include area code) Ph: 713-495-6537 Fx: 713-615-1429	7. If Unit or CA/Agreement, Name and/or No. 8. Well Name and No. JICARILLA CONTRACT 146 17
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T25N R5W SWNE		9. API Well No. 30-039-20209-00-S1
		10. Field and Pool, or Exploratory BASIN
		11. County or Parish, and State RIO ARRIBA COUNTY, NM

12. CHECK 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 type="checkbox"/> Other
	<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 recomplete 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/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Proposed procedure:

Perf and frac stimulate the Blanco-Mesa Verde in single stage.
Currently completed in the Basin-Dakota.
DHC application being filed with NMOCD.

- MIRU WO rig. RIH w/ 2-3/8" tbg to top of BP @ 7020'. Dump bail 20' cmt on top.
- RIH to 4800'. Mix & pump 50sx Type 3 balanced cmt plug. PUH to 4100'. Reverse circ well clean. PUH to 4000'. Sqz cmt into prod csg holes f/ 4282' - 4753'. WOC.
- Drill out cmt. Circ well clean. Press test sqz to 600 psi for 30 mins. If not successful, plan to resqueeze w/ 50sx of Type 3 cmt.
- RIH w/ GR-CCL and CBL logging tools. Log f/ 5500' - 3500'. RIH w/ 3-1/8" csg gun loaded @ 180

Submit CBL To Agencies for Review Before Perf



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

Electronic Submission #107218 verified by the BLM Well Information System
For ENER VEST OPERATING LLC, sent to the Rio Puerco
Committed to AFMS for processing by STEVE MASON on 04/29/2011 (11SXM0309SE)

Name (Printed/Typed) BRIDGET HELFRICH	Title REGULATORY TECH.
Signature (Electronic Submission)	Date 04/28/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>STEPHEN MASON</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>04/29/2011</u>
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 <u>Rio Puerco</u>

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD *A*

Additional data for EC transaction #107218 that would not fit on the form

32. Additional remarks, continued

degree phasing and 2 SPF. Perf the Mesa Verde sand from 5106' - 5265'.

5. RIH w/ 4-1/2" pkr & 2-7/8" 6.5# N-80 frac string. Set pkr @ 5000'. Press test backside to 500 psi. ND BOPs, NU frac tree. Press test to 9500 psi. RDMO WO rig.

6. MIRU well testers. NU dual flowback manifold and lines to tank. Press test to 3000 psi.

7. MIRU frac equip. NU FL and press test to 9500 psi. Frac stimulate the Mesa Verde sand per frac recommendation.

8. Clean well to tank. Flow test to sales.

9. Load w/ 4% KCL wtr & kill well. ND frac tree. NU BOPs. Press test to 3500 psi. Rel pkr.

POOH & LD frac string & pkr.

10. RIH w/ 3-7/8" bit & 2-3/8" tbg. Tag composite BP @ 7020'. Drill out BP. FIH w/ bit & tbg to PBTD. Circ well clean w/N2 mist.

11. RIH w/ 2-3/8" tbg and set EOT @ 7300'. Swab in well. Turn well to Prod.