

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.

5. Lease Serial No.
JIC109

6. If Indian, Allottee or Tribe Name
JICARILLA APACHE

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

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		8. Well Name and No. JICARILLA B 6E
2. Name of Operator ENER VEST OPERATING LLC Contact: BRIDGET HELFRICH E-Mail: bhelfrich@enervest.net		9. API Well No. 30-039-22295-00-S1
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	10. Field and Pool, or Exploratory BASIN DAKOTA
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T26N R5W NENW 1120FNL 1520FWL 36.47654 N Lat, 107.35018 W Lon		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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Change Plans
	<input checked="" type="checkbox"/> Recomplete
	<input type="checkbox"/> Other
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Plug Back

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/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 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 Mesa Verde in single stage.
DHC application being filed with NMOCD.

1. MI & prep loc.
2. ND on B sec of tree. RU BOPs. Kill well w/ FSW.
3. Pull 2-3/8" 4.7# J55 EUE tbg OOH & LD.
4. PU 2-7/8" 6.5# J-55 tbg w/ bit & scraper & clean csg @ 6090'. POOH.
5. RIH w/ pkr & 10K plug. Set plug @ 6090'. Set pkr @ 4780' above csg leak.
6. Dump 100' sand on plug.
7. RU cmtg crew.

RCVD OCT 28 '10

OIL CONS. DIV.

DIST. 3

DHC 3492 AZ

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

**Electronic Submission #94423 verified by the BLM Well Information System
For ENER VEST OPERATING LLC, sent to the Rio Puerco
Committed to AFMSS for processing by STEVE MASON on 10/26/2010 (11SXM0284SE)**

Name (Printed/Typed) BRIDGET HELFRICH	Title REGULATORY TECH.
Signature (Electronic Submission)	Date 10/08/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>STEPHEN MASON</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>10/26/2010</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

Additional data for EC transaction #94423 that would not fit on the form

32. Additional remarks, continued

- a) Pump 10 bbls FW, 100 sx Class "H" low wtr loss cmt w/ 2% CaCl followed by 100 sx Class "H" neat cmt.
IF first stage does not sqz, pump second stage w/ 100-200 sx Class "H" neat.
8. When sqz is obtained, open bypass on RTTS, reverse excess cmt, pressure sqz to 3000 psi. SI and WOC 48 hrs.
9. TIH w/ 3-7/8" bit, (6) 2-7/8" DCs and 2-7/8" 6.5# J-55 tbg to TOC. RU reverse unit & drill out cmt to plug @ 6090'. Circ clean. TOH, LD DCs & bit.
10. RIH w/ 2-7/8" 6.5# J-55 tbg & set pkr @ 5110'.
11. Test csg & tbg to 3830 psi for 30 mins.
12. NU frac stack (4-1/16" 5K) on lwr mstr vlv & test.
13. Perf the Mesa Verde sand as follows w/ 2" Hollow Steel Carrier gun, 120 degree phasing & 2 SPF:
 - a) Entrance hole diameter = 0.34"; Penetration = 14"; Charge = 6.5 gram.
 - b) CBL depths correlate w/ OH log depths. CBL dated 6-14-10.
 - c) Stage 1 (all perf depths are OH log depths) Dated: 12-3-80.
 - d) 5139' - 5362'.
 - e) Total holes = 30.
14. MIRU frac co & frac dwn 2-7/8" 6.5# J-55 tbg per service co recommendation.
 - a) Utilize 3% KCL for the frac fluid.
 - b) 150,000 # of 20/40 sand.
15. RDMO frac equip. Flow well if possible at no more than 30 BPH.
16. MIRU WO rig & kill well with KCL wtr if necessary.
17. Pull 2-7/8" 6.5# J-55 tbg & pkr. RIH & retrieve plug. POOH & LD 2-7/8" 6.5# J-55 tbg.
18. PU 2-3/8" 4.7# J55 EUE tbg. Wash out & clean out to TD if necessary.
19. Set tbg @ 50' from btm perf of Dakota. NU tree.
20. Swab well in & begin flowback @ +/- 30 BPH, adjust rate to keep from dying.
21. RD WO rig & turn well to production.