

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. JIC126
2. Name of Operator ENER VEST OPERATING LLC		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
Contact: BRIDGET HELFRICH E-Mail: bhefrich@enervest.net		7. If Unit or CA/Agreement, Name and/or No.
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	8. Well Name and No. APACHE 117
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T24N R4W NENE 660FNL 610FEL		9. API Well No. 30-039-21891-00-S1
		10. Field and Pool, or Exploratory WEST LINDRITH
		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 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 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 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: add additional Gallup perms and isolate Dakota Sand.

Perf, frac and stimulate the (Tocito, Greenhorn) Gallup Sand.

1. Please see attached (2pgs) for proposed procedure.

RCVD FEB 16 '12

OIL CONS. DIV.

DIST. 3

HOLD ON FOR CLOZ PIAT

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #130693 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 02/13/2012 (12SXM0346SE)	
Name (Printed/Typed) BRIDGET HELFRICH	Title REGULATORY TECH.
Signature (Electronic Submission)	Date 02/10/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 02/13/2012
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 Rio Puerco

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 ****

NMOCDA

Apache 126 #117

Proposed Procedure:

1. Clean and prep location; If necessary, set and/or test anchors
2. NDWH, NUBOP & test
3. MIUL 2-3/8" 4.7# N-80 work string
4. RU Power Swivel, Air/N2 equipment; PU bit and RIH to drill out CIBP @ 6,410'. Clean out to 7,350' and continue to RIH until tagging PBTD. POOH and LD bit
5. RU Wireline, PU & RIH w/ 4-1/2" 10K Composite Plug; set @ 7,339'; dump 10' of cmt on top
6. Attempt to load hole with produced water (~116 bbl)
7. RBIH w/ wireline and attempt to run GR/N/CCL/CBL f/ PBTD – Surface
8. If Gallup perms took on water and didn't allow a complete CBL, PU & RIH w/ 4-1/2" RBP and set @ 6,410'. POOH w/ tbg and load the hole from there, then re-run CBL to surface
9. Immediately send complete CBL to BLM/NMOCD and await approval to continue
10. RIH w/ work string and RBP retrieving tool; RIH and release RBP; POOH and LD RBP & retrieving tool
11. RU Hydrotesters; PU 2-3/8" x 4-1/2" Arrow-set pkr and test tbg to 5,000# while RIH; set pkr @ 7,263'
12. Test Composite plug to 1,000#; Release pkr and POOH w/ tbg
13. RIH w/ 3-1/8" csg guns (3 SPF, 90°, 0.40" EHD, 38" pen); perforate Greenhorn as follows:
 - 7,293' – 7,295' (9 holes)
 - 7,298 – 7,299' (6 holes)
 - 7,304' – 7,308' (15 holes)
 - 7,310' (3 holes)
 - 7,313' (3 holes)
 - 7,318' – 7,321' (12 holes)
 - 7,326' (3 holes)
 - * Correlate w/ GR/N/CCL
14. POOH w/ guns and RD Wireline
15. RU flowback equipment
16. RBIH w/ pkr and work string; set pkr @ 7,263'
17. RU Acid truck; Load and break down w/ 3% KCl; acidize w/ 3,700 gal of 15% HCl and 102 ball sealers.
 - Max treating pressure = 5,000#**
 - Note rates and pressures
 - Note ISDP and 5/10/15 min SDP
 - Note fluid volume to recover
18. RD acid crew & flow to tank; note volume recovered, oil cut, and any gas shows
19. Once well dies, RU Swab equipment. Swab test for a minimum of 5 days taking note of beginning and ending fluid level each day, fluid recovery rate (bbl/hr), oil cut, gas shows, and total number of swab runs each day. Also, be sure to note SI pressures each day.

20. Once Greenhorn test is completed, release pkr and POOH w/ tbg
21. PU 4-1/2" RBP and 2-3/8" x 4-1/2" pkr and RIH; set RBP @ 7,128' and set pkr @ 7,062'; test RBP to 1,000#
22. POOH and LD pkr
23. RU Wireline and RIH w/ 3-1/8" csg guns (3 SPF, 90°, 0.40" EHD, 38" pen); perforate Tocito as follows:
 - 7,092' – 7,098' (21 holes)
 - * Correlate w/ GR/N/CCL
24. POOH w/ guns and RD Wireline
25. RBIH w/ pkr and work string; set pkr @ 7,062'
26. RU Acid truck; Load and break down w/ 3% KCl; acidize w/ 1,500 gal of 15% HCl and 40 ball sealers.
 - Max treating pressure = 5,000#**
 - Note rates and pressures
 - Note ISDP and 5/10/15 min SDP
 - Note fluid volume to recover
27. RD acid crew & flow to tank; note volume recovered, oil cut, and any gas shows
28. Once well dies, RU Swab equipment. Swab test for a minimum of 5 days taking note of beginning and ending fluid level each day, fluid recovery rate (bbl/hr), oil cut, gas shows, and total number of swab runs each day. Also, be sure to note SI pressures each day.
29. Once Tocito test is completed, release pkr; POOH and LD tbg
30. Wait on Asset team evaluation of test data before moving forward