

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

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
ENER VEST OPERATING LLC

Contact: JANET M BIENSKI  
E-Mail: jbienski@enervest.net

3a. Address  
1001 FANNIN STREET SUITE 800  
HOUSTON, TX 77002-6708

3b. Phone No. (include area code)  
Ph: 713-495-1571  
Fx: 713-982-1501

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 4 T25N R5W NENE 990FNL 1070FEL  
36.43325 N Lat, 107.35888 W Lon

5. Lease Serial No.  
JIC146

6. If Indian, Allottee or Tribe Name  
JICARILLA APACHE

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

8. Well Name and No.  
JICARILLA CONTRACT 146 19

9. API Well No.  
30-039-20211-00-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 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 checked="" 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 recompleate 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 recompleation 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.)

See attached report

WELL PLUGGED AND ABANDONED 10/20/10

RCVD NOV 5 '10

OIL CONS. DIV.

DIST. 3

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

Electronic Submission #96284 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 11/01/2010 (10XSM0260SE)

Name (Printed/Typed) JANET M BIENSKI

Title REGULATORY ASSISTANT

Signature (Electronic Submission)

Date 11/01/2010

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

Approved By

**ACCEPTED**

STEPHEN MASON  
Title PETROLEUM ENGINEER

Date 11/01/2010

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 \*\***

**NMOCD**

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \* fax: 505-325-1211

EnerVest Operating LLC  
Jicarilla Contract 146 #19

October 21, 2010  
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990' FNL & 1070' FEL, Section 4, T-25-N, R-5-W  
Rio Arriba County, NM  
Lease Number: Jic 146  
API#30-039-20211

## Plug and Abandonment Report

Notified JAT - BLM on 10/12/10

### Plugging Summary:

- 10/14/10 MOL and RU. SDFD.
- 10/15/10 Open up well; no pressures. ND wellhead. PU on tubing and release tubing hanger. Strip on BOP and function test. Release packer. TOH and tally 210 joints 2.375" tubing, packer, SN and sawtooth collar. Total tally: 7112.69'. TIH and set 4.5" cement retainer at 7051'. Pressure test tubing to 1500 PSI. Load casing with 10 bbls of water and circulate well clean with additional 100 bbls of water.  
**Plug #1** with cement retainer at 7051', spot 14 sxs Class B cement (16.5 cf) inside casing above CR up to 6892' to isolate the Dakota interval.  
PUH with tubing and WOC. SDFD.
- 10/18/10 Open well, no pressure. TIH and tag cement at 6888'. RU BlueJet Wireline. Run CBL from 6888' to surface. No cement behind 4.5" casing across the Chacra interval. TIH with tubing to 6199'.  
**Plug #2** spot 12 sxs Class B cement (14.1 cf) inside casing from 6199' to 6041' to cover the Gallup top.  
PUH to 4584'. Load the hole with 5 bbls of water.  
**Plug #3** spot 12 sxs Class B cement (14.1 cf) inside casing from 4597' to 4439' to cover the Mesaverde interval.  
TOH with tubing. Send CBL to BLM for review. SI well. SDFD.
- 10/19/10 Open up well; no pressure. BLM approved procedure change on Plug #4. Tag Plug #3 at 4383'. Perforate 3 squeeze holes at 3800'. Load casing with 10 bbls of water. Establish rate into squeeze holes 2 bpm at 800 PSI. RIH and set 4.5" DHS cement retainer at 3751'. Establish rate into squeeze holes 2 bpm at 800 PSI.  
**Plug #4** with cement retainer at 3751', mix 49 sxs Class B cement (57.8 cf), squeeze 43 sxs below CR and outside 4.5" casing and leave 6 sxs above CR up to 3672' to cover the Chacra top.  
PUH to 2907'.  
**Plug #5** spot 58 sxs Class B cement (68.44 cf) inside casing from 2907' up to 2143' to cover the Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.  
PUH to 1065'.

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## Plugging Summary - Continued:

- 10/19/10 **Plug #6** spot 13 sxs Class B cement (15.3 cf) inside casing from 1065' up to 894' to cover the Nacimiento top.  
TOH and LD tubing. Pressure test bradenhead to 500 PSI for 4 minutes. Calculate TOC at 105'. Troy Salyer, BLM representative, approved procedure change. Perforate 3 squeeze holes at 105'. Establish circulation down 4.5" casing and circulate clean out bradenhead with 15 bbls of water. TIH with tubing to 490'.  
**Plug #7** mix and pump 38 sxs Class B cement from 490' to surface; SI 4.5" casing then mix and pump 35 sxs Class B cement from 105' to surface; circulate good cement out bradenhead valve.  
TOH and LD tubing. SI well and WOC. SDFD.
- 10/20/10 ND BOP. Dig out wellhead to cut off point. Issue Hot Work Permit. Cut off wellhead. Found cement down 8' in casing and annulus.  
**Plug #8** mix and pump 30 sxs Class B cement (35.4 cf) to top off casing and install P&A marker. RD and MOL.

Ron Velarde, JAT - BLM representative, was on location.  
Chester Deal, EnerVest representative, was on location.