Form 3160-5
(August 2007)

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.

5 Lease Serial No
JIC151

6 If Indian, Allottee or Tribe Name
JICARILLA APACHE

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

1 Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
JICARILLA APACHE TRIBAL 151 2

2 Name of Operator
ENER VEST OPERATING LLC
Contact. JANET M. BIENSKI
E-Mail: jbienski@enervest.net

9 API Well No.
30-039-20087-00-S1

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

10. Field and Pool, or Exploratory
BASIN DAKOTA

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 10 T26N R5W NENE

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			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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/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.)

EnerVest Operating, LLC respectfully requests to P&A this well per the attached procedure.

Also, attached are the Current and Proposed WBDs.

Notify NMOCD 24 hrs prior to beginning operations

Add Chacra Plug - 4410' - 4510'

RECEIVED
2011
OIL CONS. DIV. DIST. 3

14 I hereby certify that the foregoing is true and correct

Electronic Submission #111631 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 06/28/2011 (11SXM0321SE)

Name *(Printed/Typed)* JANET M. BIENSKI — Title REGULATORY ASSISTANT

Signature (Electronic Submission) — Date 06/27/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON — Title PETROLEUM ENGINEER — Date 06/28/2011

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

PLUG AND ABANDONMENT PROCEDURE

June 14, 2011

Jicarilla Apache Tribal 151 #2
Basin Dakota
1150' FNL, 1150' FEL, Section 10, T26N, R5W, Rio Arriba County, New Mexico
API 30-039-20087 / Long _____ / _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.

3. Rods: Yes__ __, No__X__, Unknown_____.
   Tubing: Yes __X__, No _____, Unknown_____, Size ____2.375"_____, Length __8206'____.
   Packer: Yes____, No __X__, Unknown_____, Type _____.
   If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

   NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified if a CBL is required.

4. **Plug #1 (Dakota perforations and top, 8062' – 7962'):** RIH and set 4.5" DHS cement retainer at 8062'. Pressure test tubing to 1000 PSI. Pressure test casing to 800 PSI. IF casing does not test, then spot or tag subsequent plugs as appropriate. Mix 12 sxs Class B cement and spot a balanced plug inside the casing above the CR to isolate the Dakota interval. PUH.

7128 7028

5. **Plug #2 (Gallup top, ~~7061~~' – ~~6961~~'):** Spot 12 sxs Class B cement inside casing to cover the Gallup top. PUH.

6. **Plug #3 (Mancos top, 6288' – 6188'):** Spot 12 sxs Class B cement inside casing to cover the Mancos top. PUH.

7. **Plug #4 (Mesaverde top, 5604' – 5504'):** Spot 12 sxs Class B cement inside casing to cover the Mesaverde top. PUH.

Add Chacra Plug 4410'-4510'

3950 - 3233

8. **Plug #5 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 3886' – 3090'):** Spot 65 sxs Class B cement inside casing to cover through the Ojo Alamo top. PUH.

1982 1882

9. **Plug #6 (Nacimiento top, ~~1847~~' – ~~1747~~'):** Spot 12 sxs Class B cement inside casing to cover through the Nacimiento top. PUH.

10. **Plug #7 (9.625" Surface casing shoe, 480' to Surface)**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 40 sxs cement and spot a balanced plug from 480' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 480' and the annulus from the squeeze holes to surface. Shut in well and WOC.

11. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Jicarilla Apache Tribal 151 #2

Current

Basin Dakota

1150' FNL, 1150' FEL, Section 10, T-26-N, R-5-W,

Rio Arriba County, NM / API #30-039-20087

Today's Date: **6/14/11**
Spud: 5/21/68
Completed: 7/5/68
Elevation: 7256' GR
7266' KB

13.75" hole

Nacimiento @ 1797* est.

Ojo Alamo @ 3140' *est

Kirtland @ 3438' *est

Fruitland @ 3636' *est

Pictured Cliffs @ 3836'

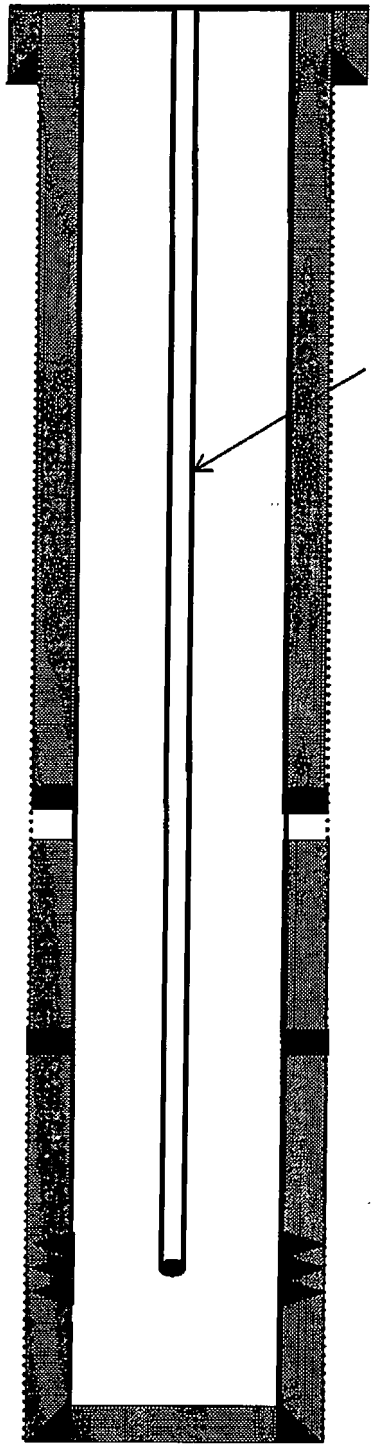
Mesaverde @ 5554'

Mancos @ 6238'

Gallup @ 7011'

Dakota @ 8111'

7.875" hole



TOC @ Surface, (Calc, 75%)

9.625" 36#/40#, J-55 Casing set @ 430'
Cement with 400 sxs (Circulated to Surface)

2-3/8" tubing at 8206'
(4.7#, J-55 EUE, SN @ 8201')

DV Tool @ 4063'
Cement with 1100 sxs (1298 cf)

TOC @ 4347' (Calc, 75%)

DV Tool @ 6290'
Cement with 500 sxs (590 cf)

TOC @ DV Tool (Calc, 75%)

Dakota Perforations:
8112' – 8236'

4.5" 10.5#/11.6#, J-55 Casing set @ 8348'
Cement with 600 sxs (708 cf)

TD 8350'
PBTD 8312'

Jicarilla Apache Tribal 151 #2

Proposed P&A

Basin Dakota

1150' FNL, 1150' FEL, Section 10, T-26-N, R-5-W,

Rio Arriba County, NM / API #30-039-20087

Today's Date: **6/14/11**
Spud: 5/21/68
Completed: 7/5/68
Elevation: 7256' GR
7266' KB

13.75" hole

Nacimiento @ ~~1797~~* est.
1932

Ojo Alamo @ ~~3140~~' *est
3283

Kirtland @ ~~3438~~' *est
3500

Fruitland @ ~~3636~~' *est
80

Pictured Cliffs @ ~~3836~~'
3900

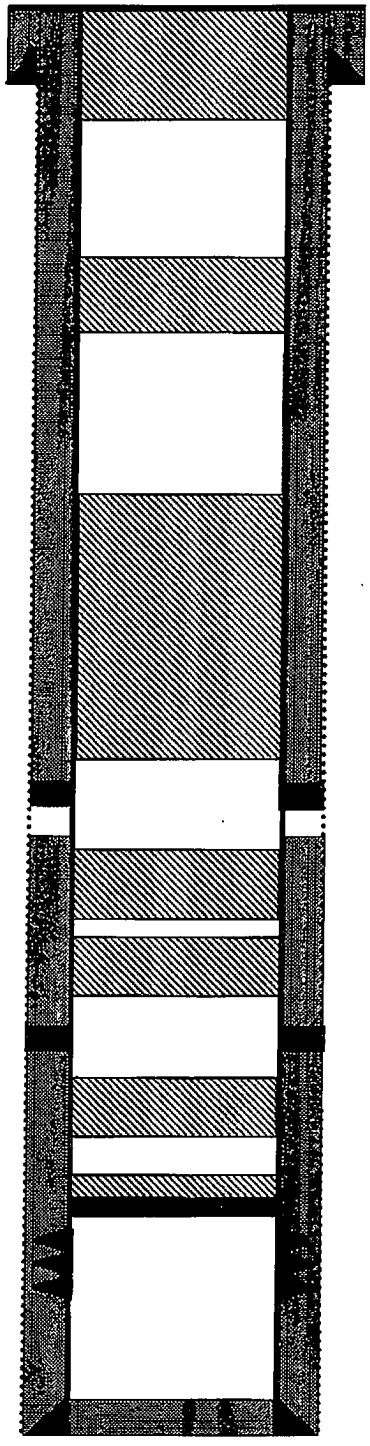
Mesaverde @ 5554'

Mancos @ ~~6238~~'
6386

Gallup @ 7011'
18

Dakota @ 8111'

7.875" hole



TD 8350'
PBTD 8321'

TOC @ Surface, (Calc, 75%)

9.625" 36#/40#, J-55 Casing set @ 430'
Cement with 400 sxs (Circulated to Surface)

Plug #7: 480' – 0'
Class B cement, 40 sxs'
480/11.167(1.18) = 36sxs

1982 1882

Plug #6: ~~1847~~' – ~~1747~~'
Class B cement, 12 sxs'

3950 3233

Plug #5: 3886' - 3690'
Class B cement, 65 sxs'

3950 – 3233 +50/11.167(1.18) = 58sxs

DV Tool @ 4063'
Cement with 1100 sxs (1298 cf)

TOC @ 4347' (Calc, 75%).

Plug #4: 5604' – 5504'
Class B cement, 12 sxs'

Plug #3: 6288' – 6188'
Class B cement, 12 sxs'

DV Tool @ 6290'
Cement with 500 sxs (590 cf)

TOC @ DV Tool (Calc, 75%) 7128 7028

Plug #2: ~~7061'~~ – ~~6961~~'
Class B cement, 12 sxs'

Set CR @ 8062'

Dakota Perforations:
8112' – 8236'

Plug #1: 8062' – 7962'
Class B cement, 12 sxs'

12(11.167)1.18 = 158'

4.5" 10.5#/11.6#, J-55 Casing set @ 8348'
Cement with 600 sxs (708 cf)

The Jicarilla Apache Nation requires 45 days to evaluate this well beginning from June 27, 2011 in order to determine if they would like to assume ownership of the well. If the Jicarilla Apache Nation has not contacted your office before the end of the 45 days you may proceed with plugging operations.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 2 Jicarilla Apache Tribal 151

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made:

a) Place the Gallup plug from 7128' – 7028'.

b) Place the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug from 3950' – 3233'.

c) Place the Nacimiento plug from 1982' – 1882'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.