

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. JIC151
2. Name of Operator ENER VEST OPERATING LLC		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
Contact: JANET M BIENSKI E-Mail: jbienski@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: 713-495-1571 Fx: 713-982-1501	8. Well Name and No. JICARILLA APACHE TRIBAL 151 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T26N R5W SESW		9. API Well No. 30-039-08166-00-S1
		10. Field and Pool, or Exploratory BASIN DAKOTA
		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"/> Reclamation
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<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
	<input type="checkbox"/> Convert to Injection

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 recompletable 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 recompletable 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.

RCVD SEP 15 '10

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #92566 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 09/13/2010 (10SXM0276SE)	
Name (Printed/Typed) JANET M BIENSKI	Title REGULATORY ASSISTANT
Signature (Electronic Submission)	Date 09/09/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>STEPHEN MASON</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>09/13/2010</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 ****

NMOCDA

PLUG AND ABANDONMENT PROCEDURE

August 25, 2010

Jicarilla Apache Tribal 151 #1

Basin Dakota

1180' FSL, 1480' FWL, Section 10, T26N, R5W, Rio Arriba County, New Mexico

API 30-039-08166 / 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 7774'.
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 based on the TOC from the CBL.

4. Round trip 4.5" gauge ring to 7650' or as deep as possible.
5. **Plug #1 (Dakota perforations and top, 7650' – 7550')**: RIH and set 4.5" DHS cement retainer at 7650'. Pressure test tubing to 1000 PSI. Pressure test casing to 800 PSI. If casing does not pressure test then spot or tag subsequent plugs as appropriate. Spot 12 sxs Class B cement and spot a balanced plug inside the casing above the CR to isolate the Dakota interval. PUH.
6724 6624
6. **Plug #2 (Gallup top, ~~5920'~~ – ~~5820'~~)**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH.
4468 4168
7. **Plug #3 (Mesaverde top, 5210' - 5110')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH.
4468 4168
8. **Plug #4 (Chacra top, ~~4455'~~ - ~~4355'~~)**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Chacra top. PUH.
3550 2824'
9. **Plug #5 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, ~~3530'~~ – ~~2773'~~)**: Mix 62 sxs Class B cement and spot a balanced plug to cover through the Ojo Alamo top. PUH.

- 1581 1481
10. **Plug #6 (Nacimiento top, ~~1546'~~ - ~~1446'~~)**: Mix 12 sxs Class B cement and spot a balanced plug to cover the Nacimiento top. PUH.
 11. **Plug #7 (9.625" casing shoe top, 479' - 379')**: Mix 12 sxs Class B cement and spot a balanced plug to cover the casing shoe top. PUH.
 12. **Plug #8 (Surface)**: Spot 40 sxs Class B cement and pump down the 4.5" casing and bradenhead to circulate good cement to surface and install P&A marker.. Shut in well and WOC.
 13. 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#1

Current

Basin Dakota

1180' FSL, 1480' FWL, Section 10, T-26-N, R-5-W

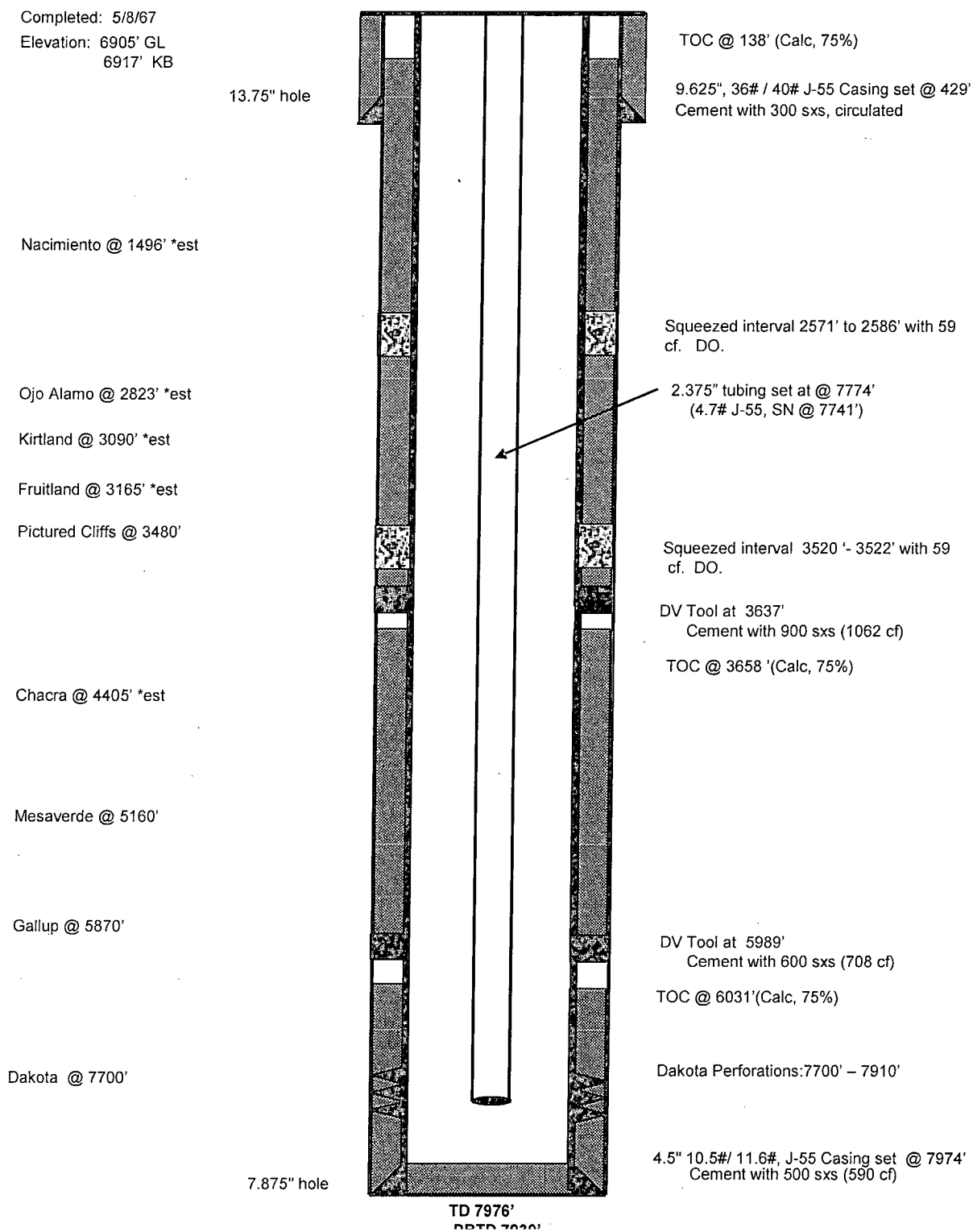
Rio Arriba County, NM, API #30-039-08166

Today's Date: 8/25/10

Spud: 4/10/67

Completed: 5/8/67

Elevation: 6905' GL
6917' KB



Jicarilla Apache Tribal 151#1

Proposed P&A

Basin Dakota

1180' FSL, 1480' FWL, Section 10, T-26-N, R-5-W
Rio Arriba County, NM, API #30-039-08166

Today's Date: 8/25/10
Spud: 4/10/67
Completed: 5/8/67
Elevation: 6905' GL
6917' KB

$$100 / (1.167 \times 1.18) = 8 \text{ sxs}$$

$$100 / 3 \times (1.18) = 28 \text{ sxs}$$

$$36 \text{ sxs}$$

13.75" hole

Nacimiento @ 1496' *est
1531

Ojo Alamo @ 2828' *est
74

Kirtland @ 3090' *est
3102

Fruitland @ 3465' *est
3300

Pictured Cliffs @ 3480'
3500

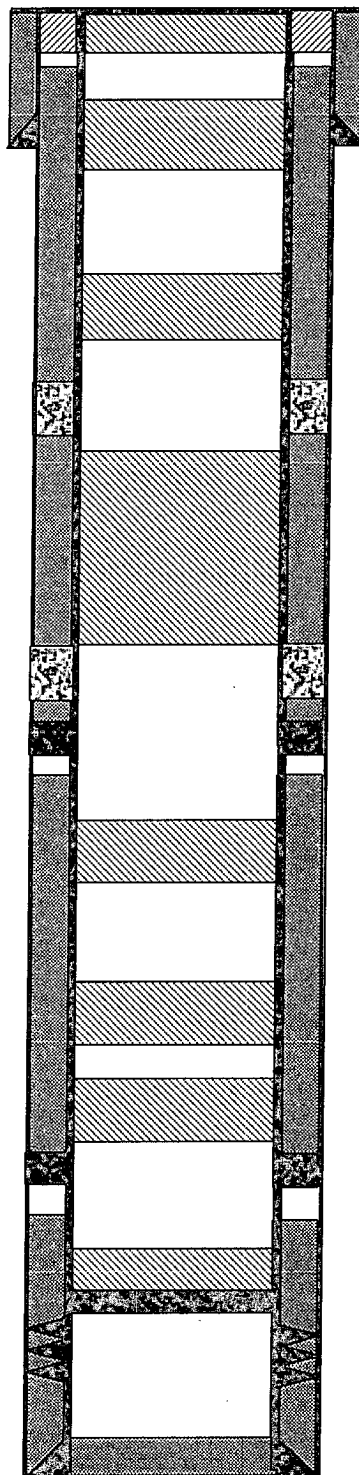
Chacra @ 4405' *est
18

Mesaverde @ 5160'

Gallup @ 5878'
6674

Dakota @ 7700'
7699

7.875" hole



TD 7976'
BTD 7920'

TOC @ 138' (Calc, 75%)

9.625", 36# / 40# J-55 Casing set @ 429'
Cement with 300 sxs, circulated

Plug #8: 100' - 0'
Class B cement, 40 sxs

Plug #7: 479' - 379'
Class B cement, 12 sxs

1581 1481
Plug #6: 1646' - 1446'
Class B cement, 12 sxs

Squeezed interval 2571' to 2586' with 59
cf. DO.

50 2824
Plug #5: 3530' - 2773'
Class B cement, 62 sxs

$$3550 - 2824 + 50 / 1.167 (1.18) = 59 \text{ sxs}$$

Squeezed interval 3520' - 3522' with 59 cf.
DO.

DV Tool at 3637'
Cement with 900 sxs (1062 cf)

TOC @ 3658' (Calc, 75%)

4468 4368
Plug #4: 4455' - 4355'
Class B cement, 12 sxs

Plug #3: 5210' - 5110'
Class B cement, 12 sxs

6724 6624
Plug #2: 5920' - 5820'
Class B cement, 12 sxs

DV Tool at 5989'
Cement with 600 sxs (708 cf)

TOC @ 6031' (Calc, 75%)

Plug #1: 7650' - 7550'
Class B cement, 12 sxs

Set CR @ 7650'

Dakota Perforations: 7700' - 7910'

$$12 (1.167) 1.18 = 158'$$

4.5" 10.5# / 11.6#, J-55 Casing set @ 7974'
Cement with 500 sxs (590 cf)

**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: 1 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 6724' – 6624'.
 - b) Place the Chacra plug from 4468' – 4368'.
 - c) Place the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug from 3550 – 2824'.
 - d) Place the Nacimiento plug from 1581' – 1481'.

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.