

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 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 151
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T24N R4W SWSE 990FSL 1860FEL		9. API Well No. 30-039-23891-00-S1
		10. Field and Pool, or Exploratory WEST LINDRITH <i>qnp/DR</i>
		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 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 recomplate 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, L.L.C. respectfully requests to P&A this well per the attached procedure.

Also attached are Current and Proposed WBDs.

Well name also referred to as JAT 126 #151.

RCVD JUL 15 '10

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct. Electronic Submission #89207 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 07/13/2010 (10SXM0244SE)	
Name (Printed/Typed) BRIDGET HELFRICH	Title REGULATORY TECH.
Signature (Electronic Submission)	Date 07/08/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 07/13/2010
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

PLUG AND ABANDONMENT PROCEDURE

June 29, 2010

Apache 126 #151

Lindrieth Gallup / Dakota West

990' FSL, 1860' FEL, Section 12, T24N, R4W, Rio Arriba County, New Mexico

API 30-039-23891 / 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 _____, No X, Unknown _____, Size _____, Length _____.
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. PU tubing workstring and round trip 4.5" gauge ring to 7023' or as deep as possible.
5. **Plug #1 (Dakota perforations and top, 7023' – 6923')**: RIH and set 4.5" DHS cement retainer at 7023'. Spot 12 sxs Class B cement and spot a balanced plug inside the casing above the CR to isolate the Dakota interval. PUH.
6. **Plug #2 (Gallup top, ^{6198 6098}6265' – 6115')**: Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. TOH with tubing. PUH.
7. **Plug #3 (Mesaverde top, 4636' - 4536')**: Perforate 3 HSC holes at 4636'. TIH and set a CR at 4586'. Establish a rate into the squeeze holes. Mix 51 sxs Class B cement, squeeze 39 sxs outside the casing and leave 12 sxs inside casing to cover the Mesaverde top. PUH.
- **Chacra plug ^{3856' - 3756'}3015' – 2915'**: Mix 12 sxs Class B cement and spot a balanced plug to cover the Pictured Cliffs top. PUH.
8. **Plug #4 (Pictured Cliffs top, 3015' – 2915')**: Mix 12 sxs Class B cement and spot a balanced plug to cover the Pictured Cliffs top. PUH.
9. **Plug #5 (Fruitland, Kirtland and Ojo Alamo tops, ^{2909 2436}2406' - 2036')**: Mix 32 sxs Class B cement and spot a balanced plug to cover through the Ojo Alamo top. PUH.

- 1158 1054
10. **Plug #6 (Nacimiento top, ~~1476'~~ - ~~1076'~~):** Mix 12 sxs Class B cement and spot a balanced plug to cover the Nacimiento top. TOH and LD tubing.
11. **Plug #7 (8.625" Surface casing shoe, 443' to Surface):** Perforate 3 squeeze holes at 443'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 140 sxs Class B cement and pump down the 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
12. 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.

Apache 126 #151

Current

Lindrith Gallup / Dakota West

990' FSL, 1860' FEL, Section 12, T-24-N, R-4-W, Rio Arriba County, NM

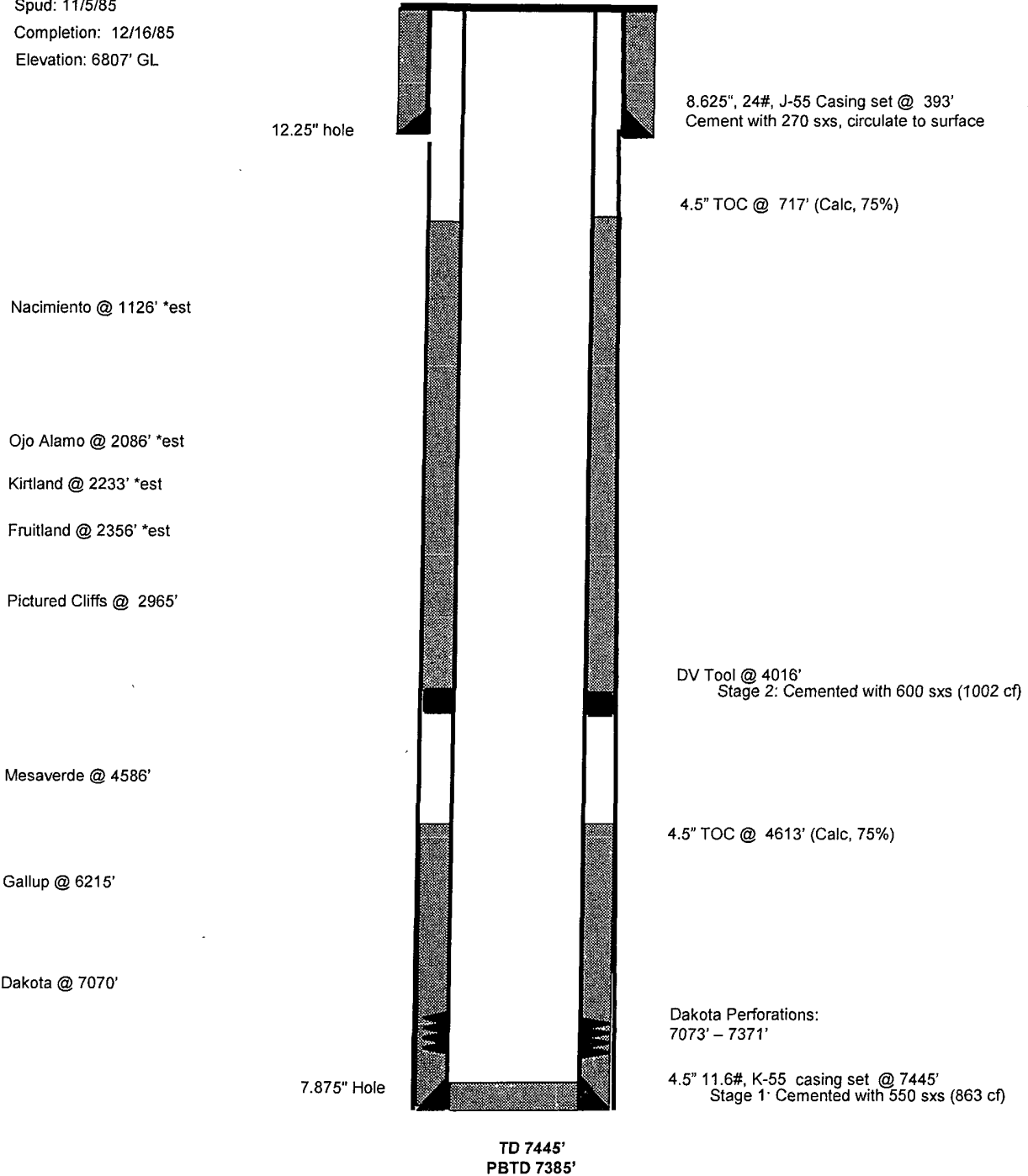
Today's Date: 6/29/10

Lat: _____ N / Lat: _____ W, API #30-039-23891

Spud: 11/5/85

Completion: 12/16/85

Elevation: 6807' GL



Apache 126 #151

Proposed P&A

Lindrith Gallup / Dakota West

990' FSL, 1860' FEL, Section 12, T-24-N, R-4-W, Rio Arriba County, NM

Lat: _____ N / Lat: _____ W, API #30-039-23891

Today's Date: 6/29/10

Spud: 11/5/85

Completion: 12/16/85

Elevation: 6807' GL

Nacimiento @ 1426' *est
1108

Ojo Alamo @ 2006' *est
2496

Kirtland @ 2233' *est
2677

Fruitland @ 2356' *est
2859

Pictured Cliffs @ 2965'

Chaco @ 3806'

Mesaverde @ 4586'

Gallup @ 6245'
6148

Dakota @ 7070'
7148

12.25" hole

7.875" Hole

TD 7445'
PBDT 7385'

Plug #7: 443' to 0'
Class B cement, 140 sxs

8.625", 24#, J-55 Casing set @ 393'
Cement with 270 sxs, circulate to surface

Perforate @ 443'

4.5" TOC @ 717' (Calc, 75%)

$$\begin{aligned} 443/11.167(1.14) &= 343\text{sxs} \\ 50/4.349(1.14) &= 10\text{sxs} \\ 393/4.044(1.14) &= 82\text{sxs} \\ &= 126\text{sxs} \end{aligned}$$

1158 1058
Plug #6: 1476' to 1076'
Class B cement, 12 sxs

2909' 2436'
Plug #5: 2408' to 2036'
Class B cement, 32 sxs

$$2909 - 2436 + 50 / 11.459(1.14) = 39\text{sxs}$$

Plug #4: 3015' to 2915'
Class B cement, 12 sxs

Plug 3056 - 3756

DV Tool @ 4016'
Stage 2: Cemented with 600 sxs (1002 cf)

Set CR @ 4586'
Perforate @ 4636'
200/4.349(1.14) = 39 sxs
4.5" TOC @ 4613' (Calc, 75%)

Plug #3: 4636' to 4536'
Class B cement, 51 sxs;
39 sxs outside casing and
12 sxs inside.

6198 6098
Plug #2: 6205' to 6145'
Class B cement, 12 sxs

Set CR @ 7023'
Plug #1: 7023' - 6923'
Class B cement, 12 sxs

Dakota Perforations:
7073' - 7371'
12(11.459)(1.14) = 162

4.5" 11.6#, K-55 casing set @ 7445'
Stage 1: Cemented with 550 sxs (863 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: 151 Apache

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 6198' - 6098'.
 - b) Place a cement plug from 3856' – 3756' to cover the Chacra top.
 - c) Place the Fruitland/Kirtland/Ojo Alamo plug from 2909' – 2436'.
 - d) Place the Nacimiento plug from 1158' – 1058'.

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.