

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 31 2017

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.

Farmington Field Office
Bureau of Land Management

5. Lease Serial No.	118TR #215
6. If Indian, Allottee, or Tribe Name	Jicarilla Apache Tribe

SUBMIT IN TRIPLICATE - Other Instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA/Agreement Name and/or No.
2. Name of Operator Enervest Operating, LLC	8. Well Name and No. Jicarilla Apache A 118 No. 005
3a. Address 1 Fannin St., Suite 800 Houston, TX 77002-6707	9. API Well No. 30-039-06309
3b. Phone No. (include area code) 713-659-3500	10. Field and Pool, or Exploratory Area Gavilan-Pictured Cliffs
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec. 25, T26N, R03W 1150' FNL 1690' FWL (UL C)	11. County or Parish, State Rio Arriba, New Mexico

12. CHECK THE 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 if the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports must be filed within 30 following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed if testing has been completed. Final Abandonment Notice must be filed only after all requirements, including reclamation, have been completed, and the operator has

EnerVest Operating, LLC respectfully requests authorization to plug and abandon this well.
Please see attached Plug and Abandonment Procedure, Wellbore Diagrams and Site Reclamation Plan.

OIL CONS. DIV DIST. 3

JUN 09 2017

Notify NMOCD 24 hrs
prior to beginning
operations

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Shelly Doescher	Title Agent
Signature <i>Shelly Doescher</i>	Date May 30, 2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Abdelgadir S. Madani	Title PE	Date 6/7/17
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 FFO	

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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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PLUG AND ABANDONMENT PROCEDURE

May 17, 2017

Jicarilla Apache "A" 118 #5

Gavilan Pictured Cliffs
1150' FNL and 1690' FWL, Section 25, T26N, R3W
Rio Arriba County, New Mexico / API 30-039-063090
Lat: N 36.46178/ Lat: W -107.09964 NAD 83

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 , Unknown .
Tubing: Yes , No , Unknown , Size 1.5", Length 4029'.
Packer: Yes , No , Unknown , Type .
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or a 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.**
5. **Plug #1 (Pictured Cliffs Interval and Fruitland top, 3942' – 3565')**: Round trip gauge ring or casing scraper to 3942', or as deep as possible. RIH and set 4.5" cement retainer at 3942'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 800#. **If the casings do not test, then spot or tag subsequent plugs as appropriate.** Circulate well clean. Mix 33 sxs Class B cement inside casing from CR to isolate the Pictured Cliffs Interval and through Fruitland interval. TOH.
6. **Plug #2 (Kirtland and Ojo Alamo tops, 2645' – 2315')**: Perforate HSC squeeze holes at 2645'. Establish injection rate. RIH and set CR at 2595'. TIH with tubing and sting into CR. Establish rate. Mix 157 sxs Class B cement, squeeze 128 sxs outside casing and leave 29 sxs inside casing. TOH.
7. **Plug #3 (Nacimiento top, 1125' – 1025')**: Perforate HSC squeeze holes at 1125'. Establish injection rate. RIH and set CR at 1075'. TIH with tubing and sting into CR. Establish rate. Mix 51 sxs Class B cement, squeeze 39 sxs outside casing and leave 12 sxs inside casing. PUH.

8. **Plug #4 (8.625" Surface casing shoe, 265' – 0')**: Perforate 3 squeeze holes at 265'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 90 sxs Class B cement and pump down the 4.5" casing to circulate good cement to surface. Shut in well and WOC.

9. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

Jicarilla Apache "A" 118 #5

Current

Gavilan Pictured Cliffs

1150' FNL, 1690' FWL, Section 25, T-26-N, R-3-W,

Rio Arriba County, NM / API #30-039-063090

Lat N 36.46178 / Long W -107.09964 NAD 83

Today's Date: 5/17/17

Spud: 4/30/62

Completed: 6/1/62

Elevation: 7543' GL

12.25" hole

8.625" 22.7# Casing set @ 211'

Cement with 125 sxs, circulated to surface

Nacimiento @ 1075' *est

1.5" tubing at 4029'

Ojo Alamo @ 2365'

TOC unknown, did not circulate

Kirtland @ 2595'

Fruitland @ 3615'

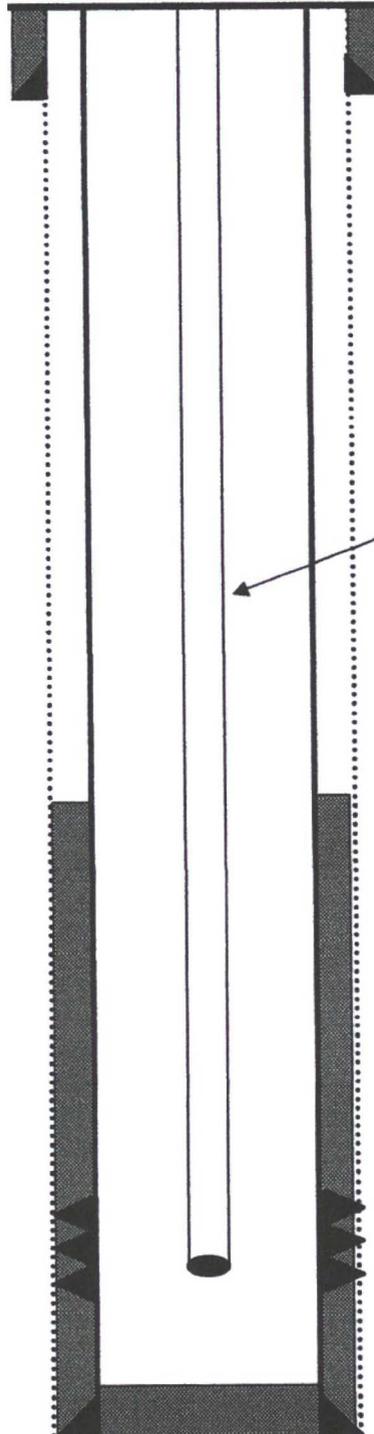
Pictured Cliffs @ 3990'

Pictured Cliffs Perforations:
3992' - 3998'; 4039' - 4045'

7.875" hole

4.5", 9.5# Casing set @ 4151'
Cement with 250 sxs

TD 4155'
PBD 4121'



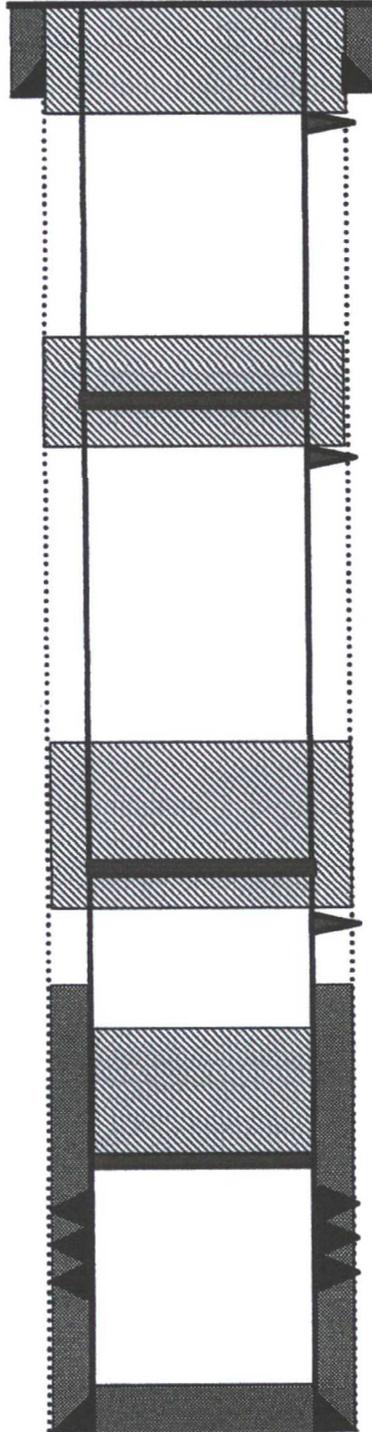
Jicarilla Apache "A" 118 #5

Proposed P&A
Gavilan Pictured Cliffs

1150' FNL, 1690' FWL, Section 25, T-26-N, R-3-W,
Rio Arriba County, NM / API #30-039-063090
Lat N 36.46178 / Long W -107.09964 NAD83

Today's Date: 5/17/17
Spud: 4/30/62
Completed: 6/1/62
Elevation: 7543' GL

12.25" hole



8.625" 22.7# Casing set @ 210'
Cement with 125 sxs, circulated to surface

Perforate @ 265'

Plug #4: 265' - 0'
Class B cement, 90 sxs

Plug #3: 1125' - 1025'
Class B cement, 51 sxs
12 inside and 39 outside

Set CR @ 1075'

Perforate @ 1125'

Nacimiento @ 1075'

Ojo Alamo @ 2365'

Plug #2: 2645' - 2315'
Class B cement, 157 sxs
29 inside and 128 outside

Set CR @ 2595'

Kirtland @ 2595'

Perforate @ 2645'

Plug #1: 3942' - 3565'
Class B cement, 33 sxs

TOC unknown, did not circulate

Fruitland @ 3615'

Set CR @ 3942'

Pictured Cliffs @ 3990'

Pictured Cliffs Perforations:
3992' - 3998'; 4039' - 4045'

7.875" hole

4.5", 9.5# Casing set @ 4151'
Cement with 250 sxs

TD 4155'
PBDT 4121'

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Jicarilla Apache A118 #5

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) 564-7750.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: aelmadani@blm.gov Brandon.Powell@state.nm.us

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.