

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
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 page 2**

5. Lease Serial No.  
NM 30351

6. If Indian, Allottee or Tribe Name

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Energen Resources Corporation

AUG 17 2009

8. Well Name and No.  
Carracas Unit 21A

3a. Address  
2010 Afton Place Farmington, NM 87401

3b. Phone No. (include area code)  
505.325.6800

#15

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
790' FSL 1,850' FEL Section 21 T32N R5W

9. API Well No.  
30-039-24424

10. Field and Pool, or Exploratory Area  
Basin Fruitland Coal

11. County or Parish, State  
Rio Arriba 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 type="checkbox"/> Plug and Abandon <input checked="" 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 recompleat 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 recompleat 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 final site is ready for final inspection.)

Energen Requests that the above well be Allowed as a Temporary Abandon to hold the wellbore for 80 Acre Downspacing in the Fruitland coal. The well will be TA as follows:

- 1.A 5-1/2" casing plug will be set +/- 40' above the 3-1/2" liner top located at 3,632' (perfs in liner@ 3,705' to 3,727' - top of Fruitland @ 3,507')
- 2.The well will be loaded with an inhibited packer fluid and the casing will be tested to 500 psig for 30 minutes with no more than 10% pressure loss.
3. A 2-3/8" kill string will be left in the well and a master valve will be left on the tubing head - all casing sideloutlet valves will be left in place will bull plugs and the well will be totally disconnected from any lines.
4. Energen will annually update on the status of the 80 Acre infill and will submit a subsquent report either requesting a conintued status of TA . If a change of status is needed to producing(i.e. 80 Acre infill approved)or to plug and abandon the well Energen will submit a NOI.
5. The casing pressure test is good for 5 years - at which point if the well is still not activated another casing MIT will have to be performed on the well.

BLM-NMOCD will be notified 24 hours in advance of pressure testing the casing.  
(see attached well data sheet) TA - 9/1/10

RCVD AUG 19 '09  
OIL CONS. DIV.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **Patricio W. Sanchez** Title **District Engineer** DIST. 3

Signature *Patricio W. Sanchez* Date **8/16/2009**

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

Approved by **Original Signed: Stephen Mason** Title \_\_\_\_\_ Date **AUG 18 2009**

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.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.



# ENERGEN RESOURCES

## Pertinent Data Sheet

**Date:** 8/16/2009    **Well Name:** Carracas 21 A 15    **API#:** 30-039-24424    **DP#:** 3124424A  
**Unit:** O    **Sec:** 21    **Twp:** 32N    **Rge:** 5W    **Footage:** 790' fsl 1850' fel  
**County:** Rio Arriba    **State:** NM    **Spud:** 7/14/1989    **Completed:** 9/19/1989  
**Field:** Basin Fruitland Coal    **Elev:** 7,030'    **TD:** 3,952'    **PBTD:** 3,729'    **KB:** 12'  
 GL

**Perfs:** (new Perfs in 3-1/2" liner) 3,705'-3,727' w/ 4 SPF EHD = 0.43"

**Frac:** Original - 1,761 bbls of 35# GWX-9, 48,000# 40/70 sd, 170,000# 20/40 sd  
 Cavitated (7/7/99) and completed w/ 3-1/2" liner across interval

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	TOC
12-1/4"	9-5/8"	36#J55	315'	174 cuft	circ
8-3/4"	5-1/2"	15.5#J55	3,952'	1,459 cuft	circ
4.95"	3-1/2"	9.3#J55	3,632'-3,731'	none	N/A

Tubing Size	# Joints	Weight & Grade	Depth Set	Seat Nipple	Packer
2-3/8"	114	4.7#J55EUE	3626' KB	3585' KB	

**Rod & Pump Record:** 2 X 1 1/2 X 10 X 11 X 12 RWACPUMP, 143 X 3/4 X 25' STEEL RODES WITH GUIDES 1-3/4" X 6' PONEY ROD 1-3/4 X 6' PONEY ROD, 1-3/4 X 8' PONEY ROD, 1/4" X 22' POLISH ROD WITH 1 1/2" X 10' POLISH ROD LINER

Rod Size	# Rods	Length	Grade
3/4"	See above		

**Log Record:** Dual Induction Guard, Spectral Density DSNII, Microlog, GR-CCL

**Formation Tops:**

Ojo Alamo	3,075'	Menefee
Kirtland	3,130'	Point Lookout
Fruitland	3,507'	Mancos
Pictured Cliffs		Gallup
Lewis		Graneros
Cliffhouse		Dakota

