

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Energen Resources Corporation

## 3a. Address

2010 Afton Place Farmington, NM 87401

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,190' FNL 790' FEL, Section 31 T32N R4W

Farmington Field Office  
Bureau of Land Management

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

505.325.6800

## 5. Lease Serial No.

NM 30015

## 6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

Carracas 31 B#1

## 9. API Well No.

30-039-25872

## 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

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

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

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 @ +/- 3,910' above the top perf located at 3,960' - top of Fruitland @ 3,690')

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 subsequent report either requesting a coninuted 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 - approved 9/1/11

RCVD SEP 8 '10  
OIL CONS. DIV.  
DIST. 314. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Patricio W. Sanchez

Title District Engineer

Signature

Date 9/2/2010

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

SEP 03 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

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 fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Must Comply with NMOCD Rules  
19.15.25.12, 19.15.25.13 and  
19.15.25.14

NMOCD

# ENERGEN RESOURCES

## Pertinent Data Sheet

<b>Date:</b> 6/21/2010	<b>Well Name:</b> Carracas 31 B 1	<b>API#:</b> 30-039-25872	<b>DP#:</b> 3125872A
<b>Unit:</b> A	<b>Sec:</b> 31	<b>Twp:</b> 32N	<b>Rge:</b> 4W
		<b>Footage:</b> 1190' FNL, 790' FEL	
<b>County:</b> Rio Arriba	<b>State:</b> NM	<b>Spud:</b> 7/9/2000	<b>Completed:</b> 8/23/2000
<b>Field:</b> Fruitland Coal	<b>Elev:</b> 7195'	<b>TD:</b> 4100'	<b>PBTD:</b> 4050'
	<b>GL</b>	<b>KB:</b> 12'	

**Perfs:** 3960-81, 4012-16 w/ 92-0.42" holes @ 4 spf

LAT:36.94716 LONG: -107.28916

**Frac:** 500 gal 10% acid, 82,900 gal 25# Delta 140 gel w/ SW containing 192000# 20/40 sand

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	TOC
12-1/4"	8-5/8"	24# J-55	423'	300 sks	Surface
7-7/8"	5-1/2"	15.5# K-55	4093'	950 sks	Surface

<b>Tubing Size</b>	<b># Joints</b>	<b>Weight &amp; Grade</b>	<b>Depth Set</b>	<b>Seat Nipple</b>	<b>Packer</b>
<del>2-3/8"</del>	<del>+/-124</del>	<del>4.7# J-55</del>	<del>+/-3,850'</del>	<del>+/-3,820'</del>	

**Rod & Pump Record:**

### Rod Size

### # Rods

## Length

## Grade

Log Record: CNL/GR/NL, Mudlog

### Formation Tops:

Ojo Alamo	3,110'
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Kirtland	3,300'
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<b>Fruitland</b>	3,690'
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## Pictured Cliffs

**Lewis**

## Cliffhouse

## Menefee

## Point Lookout

## Mancos

## Gallup

## Graneros

## Dakota

## Bluff

## Chinle

**Work History: (Current)**

