

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

RECEIVED

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Energen Resources Corporation

## 3a. Address

2010 Afton Place, Farmington, NM 87401

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

(505) 325-6800

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

1,630' FNL, 790' FWL, Section 32, T32N, R 04 W, N.M.P.M

## 5. Lease Serial No.

NM 28277

## 6. If Indian, Allottee or Tribe Name

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

## 8. Well Name and No.

Carracas Unit 32 B/5

## 9. API Well No.

30-039-24408

10. Field and Pool, or Exploratory Area  
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☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Casing Repair☐ New Construction☐ Recomplete☒ Other Convert to☐ Change Plans☐ Plug and Abandon☒ Temporarily AbandonPressure Observati☐ Convert to Injection☐ Plug Back☐ Water Disposalon well.

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 proposes to Temporarily abandon the subject well and convert it into a pressure observation well. All current production equipment will be removed and a packer at the end of the tubing will be installed within 100 ft of the top of perforations +/- 3,850'. Fruitland coal perforations at 3,950' to 4,016'. Top of Fruitland Formation at 3,740'. (See attached well pertinent data)

A MIT pressure test to 500 psig for 30 minutes will be performed to verify casing mechanical integrity. The MIT will be chart recorded and cannot change pressure by more than 10%.

(NMOCD-Aztec and BLM-FFO will be notified 24 hours ahead of test to witness MIT)

Periodic pressure tests will be performed as required. a profile nipple and blanking plug will run to shut-in the well. Energen will at least once per year on a subsequent report provide pressure.

RCVD AUG 19 '09

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Patricio W. Sanchez

Title District Engineer

Signature

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.

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

NMOCD

# ENERGEN RESOURCES

## Pertinent Data Sheet

**Date:** 8/16/2009      **Well Name:** Carracas 32B # 5      **API#:** 30-039-24408      **DP#:** 3124408A  
**Unit:** E      **Sec:** 32      **Twp:** 32N      **Rge:** 04W      **Footage:** 1630' FNL      790' FWL  
**County:** Rio Arriba      **State:** NM      **Spud:** 6/29/89      **Completed:** 9/12/89  
**Field:** Basin Fruitland Coal      **Elev:** 7202'      **TD:** 4125'      **PBTD:** 4031'      **KB:** 12'

**Perfs:** 3950-3962' , 3974-3976', 3988-3989', 4014-4016', 4spf (.5") holes, Total of 68 holes

**Frac:** 1682 bbls. 35# GWX-9 fluid, 48,000# of 40/70 sand, 170,000# of 20/40 sand, 500 gal. 15% HCL acid

**Refrac:** 500 gal 10# formic acid, 66,478 gal 25#/20# Delta frac 140 gel w/ sandwedge containing 1478 sx 20/40 Brady sand.

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	TOC
12-1/4"	9-5/8"	36# J-55	311'	184 cu ft	surface
8-3/4"	5-1/2"	15.5# K-55	4129'	1358cuft	surface

Tubing Size	# Joints	Weight & Grade	Depth Set	Seat Nipple	Packer
*2-3/8"	126	4.7# J-55 EUE	4,055'	4,000'	

**Rod & Pump Record:** MU 2" X 1-1/2' X 16' RWAC INSERT PUMP (SN# ENG#517) SURFACE TEST (OK)-

Rod Size	# Rods	Length	Grade
3/4"	157	3,925'	D

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

### Formation Tops:

Ojo Alamo	3370'
Kirtland	3498'
Fruitland	3,740'
Pictured Cliffs	
Lewis	
Cliffhouse	

Menefee
Point Lookout
Mancos
Gallup
Graneros
Dakota

