

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

OCT 01 2012

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 30351
2. Name of Operator Energen Resources Corporation		6. If Indian, Allottee or Tribe Name
3a. Address 2010 Afton Place Farmington, NM 87401	3b. Phone No. (include area code) 505.325.6800	7. If Unit or CA/Agreement, Name and/or No. Carracas Unit
4. Location of Well (Footage, Sec., T, R, M, or Survey Description) 790' FSL 1,850' FEL Section 21 T32N R5W		8. Well Name and No. Carracas Unit 21A #15
		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 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 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 subject Fruitland Coal well be changed from the prviously approved Resume Production (see Sundry dated 4/30/2012) to Plug and Abandon. After reviewing the well history more closely, we would like to convert the well from its current Temporary Abandon status and plug the well. During the TA procedure in October 2009, a casing leak was discovered. After talking with BLM (Steve Mason) and NMOCD (Kelly Roberts) a revised procedure was approved in which we set cement plugs and squeezed off the casing leak (see attached Sundry dated 10/29/2009). A surface plug was the only plug not set so we could drill out and resume production at a future date.

See attached for well diagram and procedure.

RCVD OCT 4 '12
OIL CONS. DIV.
DIST. 3

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) Justin Anchors	Title District Engineer
Signature <i>Justin R. Anchors</i>	Date 10/1/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date OCT 02 2012
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	

NMOCD

Carracas 21 A #15

Proposed P&A

Basin Fruitland Coal/ API #30-039-24424

790' FSL & 1850' FEL, Section 21, T-32-N, R-5-W, Rio Arriba County, NM

Today's Date: 10/1/12

Spud: 7/14/89

Completed: 9/19/89

Elevation: 7030 GL
7042' KB

12.25" hole

9 625", 36#, J-55 Casing set @ 315'
Cement with 174 cu.ft. (Circulated to Surface)

Plug #1: 0' – 365'
Neat cement, 64 sxs

Cement Retainer Set @ 2253'

Plug #3: 2193' – 2778'
Neat cement, 61 sxs below, 7 sxs
above

8.75" Hole

Plug #2: 2938' – 3180'
Neat cement, 24 sxs

Ojo Alamo @ 3075'

Kirtland @ 3130'

Plug #1: 3407' – 3600'
Neat cement, 22 sxs:

Fruitland @ 3507'

CIBP Set @ 3600'

5.5", 15 5#, J-55 Casing set @ 3952'
Cement with 1459 cu.ft. (Circulated to Surface)

Fruitland Coal Perforations: 3705' – 3727'

4.95" Hole

3.5" 9.3# J-55 Casing from 3632' to 3731'. No Cement

TD 3952'
PBTd 3729'

“WORK SMART/WORK SAFE”

Recommended Plugging Procedure

Carracas 21 A #15

API No. 30-039-24424

DP# 3124424A

AFE# SJ12-222

NOTE: See pertinent data for physical well data.

******Notify BLM – NMOCD 24 hours before plugging operations commence******

1. MIRU WSU.

2. Scan TBG while POOH to check for holes. Lay down bad jts. Good joints may be used to replace TBG on other wells after job is complete.

→ *Nacimiento plug 1742'-1642'*

3. Pull TBG to 365'. Set a balanced cement plug inside casing from 365' to surface w/ 64 sks (74 cu.ft.) of neat cement (50% excess). Pull TBG out of casing and top off w/ cement.

4. ND BOP and cut off casing below surface casing flange. Install P&A marker w/ cement to comply w/ regulations. RDMO and cut off anchors.

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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SUNDRY NOTICES AND REPORTS ON WELLS

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OCT 26 2009

Lease Serial No.

NM 30351

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 21A
#15

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

Farmington Field Office

1. Type of Well

☐ Oil Well ☒ Gas Well ☒ Other TA - hold for FRC 80 Acre infill

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)

790' FSL 1,850' FEL Section 21 T32N R5W

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 TA well
☐ Change Plans ☐ Plug and Abandon ☒ Temporarily Abandon for 80 ACRE FRC
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal Infill

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.)

This subsequent report is being submitted for the prior approved NOI to TA this well dated 8/16/2009 and the COP dated 10/9/2009. (work was done from 10/2 to 10/15/2009)

During the TA process a leak was found in the casing from 2,293' to 2,515' - Energen via telephone notified both BLM-FFO(Steve Mason) and NMOCD(Kelly Roberts) and a COP was submitted and approved. Energen TA'd the well as follows per direction from Steve Mason with BLM-FFO.

BLM-FFO and NMOCD-Aztec were notified 24 hours before cementing. (BLM witnessed TA)

1. A cement plug was spotted on top of the CBP @ 3,600' - the plug extends to 3,407' DATE?
2. A second cement plug was set from 3,180' to 2,938' - the plug was tagged after 4 hours of set time to verify. (Note: BLM on location) DATE?

3. A cement retainer set at 2,253' - and 61 sx of 50/50 G-Poz w/35 gel and 0.2% Halad 344 was be squeezed below the retainer - Good squeeze achieved and Hesitated 3 times. DATE?

4. Upon stinging out of the retainer 7 sx of cmt was placed on top - reversed out tubing out and 2x KCL with Anhib II will be circulated into the well. Workstring and stinger laid down and a kill string was ran back to 2,000'. DATE?

5. The casing was then be pressure tested to 550 psig for 30 minutes - Ray Espinoza from BLM witnessed test. The well is being TA'd waiting for 80 Acre FRC infill - Energen will submit a sub. rpt each year.

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

Patricio W. Sanchez

RCVD NOV 3 '09
OIL CONS. DIV.

Signature

Title District Engineer

Date 10/23/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

DIST. 3
ACCEPTED FOR RECORD

Approved by

Title

OCT 29 2009

Office

FARMINGTON FIELD OFFICE

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

RE-SUBMIT WITH DATES WORK WAS CONDUCTED AS NOTED ABOVE

**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. 15 Carracas 21 A

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.
3. The following modifications to your plugging program are to be made:
 - a) Place the Nacimiento plug from 1742' – 1642'

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.