

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.

JUL 14 2014

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. NMNM 29339
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. NMNM112645
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650' FNL, 1850' FEL, Sec. 11 T32N, R5W, (G) SW/NE Sec. 15, 32N R4W		8. Well Name and No. Carracas Unit FR 104
		9. API Well No. 30-039-24479
		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 Resources intends to Plug and Abandon the Carracas Unit FR 104 per the attached procedure.

This will be a closed loop operation. BLM will be notified 24 hours before operation commence.

OIL CONS. DIV DIST. 3

JUL 22 2014

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

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**Notify NMOCD 24 hrs
prior to beginning
operations**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Collin Placke	Title District Engineer
Signature Collin Placke	Date 7/14/14

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Troy Salyers	Title Petroleum Eng.	Date 7/18/2014
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, 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 Corp.
Carracas Unit FR #104
API# 30-039-24479
DP#3124479A
AFE# SJ14-153

Recommended Plugging Procedure:

NOTE: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3ppg fluid to balance all exposed formation pressures. All cement will be Class B, mixed ~15.6ppg with a 1.18 yield.

1. MIRU WSU. ND WH, NU BOP. POOH w/ 2 3/8" production tbng.
2. PU 5 1/2" CIBP, 2 3/8" tbng, and TIH to 50' above top perf @ 3356'. Set CIBP 50' above top perf ~3,300'.
3. Spot balanced plug above CIBP to cover 100' above Ojo Alamo formation top at 2,733'. (14.8bbl, 83 cuft., TOC ~2,673')
4. PUH and spot balanced plug across Nacimiento formation at 700' to surface. (16.5bbl, 93 cuft.)
5. ND BOP. Cut off WH below surface casing flange. Install P&A marker with cement to comply with regulations. RDMO and cut off anchors.

See COA

Carracas Unit FR 104

Current

Basin Fruitland Coal

1650' FNL, 1850' FWL, Section 15, T-32-N, R-4-W,

Rio Arriba County, NM / API #30-039-24479

Lat _____ / Long _____

Today's Date: 7/8/14

Spud: 8/13/89

Completed: 9/19/89

Elevation: 6543' GL

12-1/4" hole

9-5/8", 36#, J-55 Casing set @ 324'
Cement with 142 cuft (Circulated to Surface)

Nacimiento @ 700' *est

Ojo Alamo @ 2733'

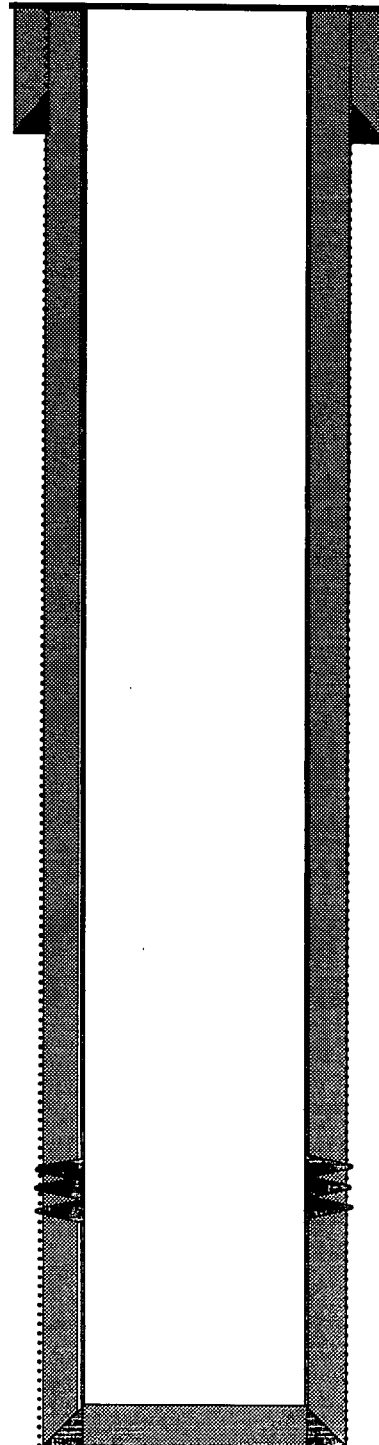
Kirtland @ 2872'

Fruitland @ 3175'

Fruitland Perfs.
3356'-3400'

8-3/4" hole

5-1/2", 15.5#, @ 3570'
Cement with 259 cuft circ. To surface



TD 3570'
PBTD 3508'

Carracas Unit FR 104

Plugged

Basin Fruitland Coal

1650' FNL, 1850' FWL, Section 15, T-32-N, R-4-W,

Rio Arriba County, NM / API #30-039-24479

Lat _____ / Long _____

Today's Date: 7/8/14

Spud: 8/13/89

Completed: 9/19/89

Elevation: 6543' GL

12-1/4" hole

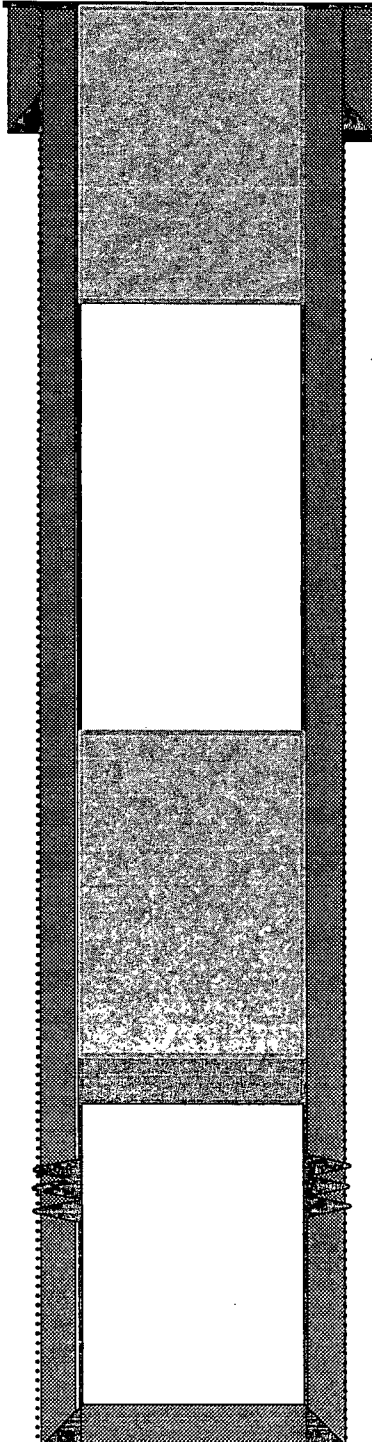
Nacimiento @ 700' *est

Ojo Alamo @ 2733'

Kirtland @ 2872'

Fruitland @ 3175'

8-3/4" hole



9-5/8", 36#, J-55 Casing set @ 324'
Cement with 142 cuft (Circulated to Surface)

See COA

Plug #2- spot balanced plug of
16.5bbl/93cuft from 700'-surface

Plug #1- spot balanced plug of
14.8bbl/83cuft from 2673'-3300'

CIBP set at 3300'

Fruitland Perfs.
3356'-3400'

5-1/2", 15.5#, @ 3570'
Cement with 259 cuft circ. To surface

TD 3570'
PBDT 3508'

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: Carracas Unit FR #104

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) Set plug #2 (1542-1442) ft. to cover the Nacimiento top. Adjust cement volume accordingly. BLM picks top of Nacimiento at 1492 ft.
 - b) Set the surface plug (374-0) ft. to cover the surface shoe and surface plug. Adjust cement volume accordingly.

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.