

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

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 reverse side

RECEIVED

MAR 03 2008

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Energen Resources Corporation

Bureau of Land Management  
Farmington Field Office

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)

SHL: 1810' FSL, 2310' FEL (J)

BHL: 1880' FSL, 760' FEL (I)

Sec. 14 T32N, R4W

5. Lease Serial No.

NM 28812

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 14 B 10

9 API Well No.

30-039-24650

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

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete     | <input type="checkbox"/> Other          |
| <input type="checkbox"/> Change Plans         | <input 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 recompleate 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 recompleation 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 would like to recompleate the Carracas 14 B #10 by drilling a horizontal lateral off of the existing vertical wellbore as indicated on the revised attached C-102 and directional wellplan. A whipstock will be set at 3247'+/- (TVD) and a window milled in the existing 5-1/2" casing from 3235'-3241'+/- (TVD). The lateral will be drilled to 4900' MD, 3435' TVD. A 3.5" 9.3 ppf, J-55, flush joint pre-drilled liner will be ran and set from 3237'-4900' MD. A 2 3/8" tubing string will be landed at 3432' TVD in the 5-1/2" casing. A closed loop system will be implemented during recompleation.

RCVD MAR 7 '08

OIL CONS. DIV.

DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Jason Kincaid

Title

Drilling Engineer

Date 1/8/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Petr. Eng.

Date

3/6/08

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.

NMOC

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

1301 W. Grand Avenue, Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☒ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-039-24650		<sup>2</sup> Pool Code 71629		<sup>3</sup> Pool Name Basin Fruitland Coal	
<sup>4</sup> Property Code		<sup>5</sup> Property Name Carracas 14 B			<sup>6</sup> Well Number #10
<sup>7</sup> OGRID No. 162928		<sup>8</sup> Operator Name Energen Resources Corporation			<sup>9</sup> Elevation 6996' GL

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	14	32N	4W		1810	South	2310	East	Rio Arriba

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	14	32N	4W		1880	South	760	East	Rio Arriba

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div style="text-align: center;"> </div>	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division</i> <div style="text-align: right;">               Signature           </div> <div style="text-align: right;">             8/30/2007              Date           </div> <div style="text-align: right;">             Jason Kincaid              Printed Name           </div>
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> June 6, 1988 Date of Survey Signature and Seal of Professional Surveyor: Original Survey Conducted and Recorded By Neale C Edwards  6857 Certificate Number

# **Energen Resources**

**Carson Nat'l Forest - SE S14, T32N, R4W**

**Carracas Mesa**

**Carracas 14 B #10**

**Carracas 14 B #10 ST**

**Plan: Preliminary Plan**

## **Plan Design**

**29 February, 2008**

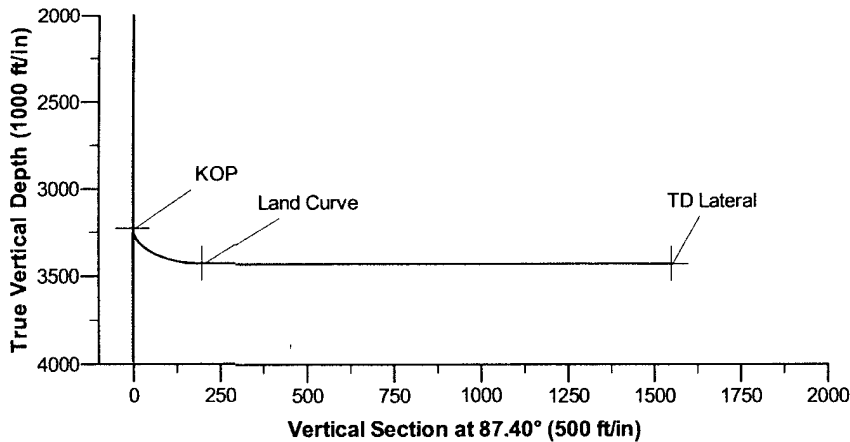
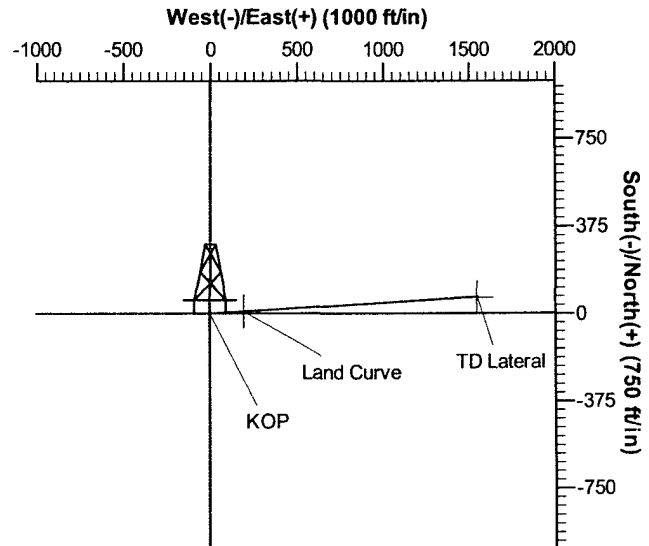


Project: Carson Nat'l Forest - SE S14, T32N, R4W  
Site: Carracas Mesa  
Well: Carracas 14 B #10  
Wellbore: Carracas 14 B #10 ST  
Plan: Preliminary Plan (Carracas 14 B #10/Carracas 14 B #10 ST)

PROJECT DETAILS: Carson Nat'l Forest - SE S14, T32N, R4W										
Geodetic System: US State Plane 1983										
Datum: North American Datum 1983										
Ellipsoid: GRS 1980										
Zone: New Mexico Central Zone										
System Datum: Mean Sea Level										

	Azimuths to True North	
	Magnetic North: 0.00°	
	Magnetic Field	
	Strength: 0.0snT	
	Dip Angle: 0.00°	
	Date: 2/29/2008	
	Model: USER DEFINED	

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3235.0	0.00	0.00	3235.0	0.0	0.0	0.00	0.00	0.0	KOP
3	3549.2	90.00	87.39	3435.0	9.1	199.8	28.65	87.39	200.0	Land Curve
4	4900.8	90.00	87.41	3435.0	70.4	1550.0	0.00	103.84	1551.6	TD Lateral



# ENERGEN RESOURCES

## Pertinent Data Sheet

**Date:** 9/29/2006      **Well Name:** CCU 14 B #10      **API#:** 30-039-24650      **DP#:** 24650A  
**Unit:** J      **Sec:** 14      **Twp:** 32N      **Rge:** 4W      **Footage:** 1810' FSL, 2310' FEL  
**County:** Rio Arriba      **State:** NM      **Spud:** 6/8/90      **Completed:** 8/10/90  
**Field:** Fruitland Coal      **Elev:** 6996'      **TD:** 3648'      **PBTD:** 3566'      **KB:** 12'  
**Perfs:** 3400'-04', 3428'-44', 3446'-48', 3480-84' w/4 SPF total 124 holes

**Frac:** Original-1807 bbls 35# YF-135 x-link gel, 22,400# 40/70 sand & 196,450# 20/40 sand

**Refrac:** Aug 1998-40200 gal 20# Delta Frac & 75,000# 12/20 sand

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	TOC
12 1/4"	9 5/8"	36# K-55	307'	201 cf	Circ to Surface
8 3/4"	5 1/2"	17# N-80	3648'	1247 cf	Circ to Surface

Tubing Size	# Joints	Weight & Grade	Depth Set	Seat Nipple	Packer
2-3/8"	112	4.7#	3468.89'	3469.89'	
2-3/8"	1 sand screen	4.7#	3477.89'		
2-3/8"	1 MA	4.7#	3509.13'		

**Rod & Pump Record:** RWAC 2"x1-1/2"x16' (ENG #370); 2 – 1"x25' K bars, 1 – 22' polish rod w/ liner

Rod Size	# Rods	Length	Grade
3/4"	136	3400'	
3/4"	2 subs	8' and 8'	

**Log Record:** Spectral Density Dual Spaced Neutron, GR-CBL

### Formation Tops:

Ojo Alamo	2820'	Cliffhouse
Kirtland	2965'	Menefee
Fruitland	3252'	Point Lookout
Fruitland Coal	3400'	Gallup
Pictured Cliffs		Graneros
Lewis		Dakota

### Work History:

May 2002-TA well as follows. Set CIBP @ 3308'. Fill hole with inhibited fluid. **DID NOT RUN TBG.**  
Aug 2000-Ran 1 1/2" tbg w/ 3 2 3/8" GLM. Landed tbg @ 3406'. Set surface equipment.  
April 1999-Removed 2 7/8" tbg. Stripped surface equipment.  
Aug 1998-Reperf with 4 SPF from 3428-44' & 3480-3484'. Refrac well with 40200 gal 20# Delta Frac & 75000# 12/20 sd. Ran 2 7/8" tbg. Swabbed well for 10 days with little success.  
July 1993- Removed pumping unit  
Jan 1991-Well was SI due to low gas prices & high LOE  
Sept 1990-ran pump and rods  
**10/27/05** TIH TO TAG 2 FT OF FILL. CLEAN OUT WITH AIR TO PBTD. TOOH WITH WORK STRING, AND TIH WITH PRODUCTION TUBING. ND BOP, NU WELLHEAD. RIH WITH PUMP AND RODS, PRESSURE TEST TO 500 PSI AND HELD. START PUMP JACK, CHECK PUMP ACTION, OK. RDMO LOCATION AND LEAVE WELL PUMPING.