

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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

JAN 17 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: 2360' FSL, 1740' FWL (K)

BHL: 760' FSL, 760' FWL (M)

Sec. 28 T32N, R5W

## 5. Lease Serial No.

NM 68141

## 6. If Indian, Allottee or Tribe Name

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

NM80045

## 8. Well Name and No.

Quintana Mesa 100

## 9. API Well No.

30-039-24454

## 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 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 Quintana Mesa #100 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 3682'+/- (TVD) and a window milled in the existing 7" casing from 3670'-3676'+/- (TVD). The lateral will be drilled to 5660' MD, 3870' TVD. A 4.5" 11.3 ppf, J-55, LTC pre-drilled liner will be ran and set from 3674'-5660' MD. A 2 3/8" tubing string will be landed at 3867' TVD in the 7" casing. A closed loop system will be implemented during recompleation.

RCVD JAN 22 '08  
OIL CONS. DIV.  
DIST. 3

## 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

Original Signed: Stephen Mason

Title

Date

JAN 18 2008

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

**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 30-039-24454		<sup>2</sup> Pool Code 71629	<sup>3</sup> Pool Name Basin Fruitland Coal
<sup>4</sup> Property Code	<sup>5</sup> Property Name Quintana Mesa		<sup>6</sup> Well Number #100
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name Energen Resources Corporation		<sup>9</sup> Elevation 7160' GL

**<sup>10</sup> Surface Location**

UL or lot no. K	Section 28	Township 32N	Range 5W	Lot Idn	Feet from the 2360	North/South line South	Feet from the 1740	East/West line West	County Rio Arriba
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**<sup>11</sup> Bottom Hole Location If Different From Surface**

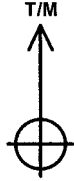
UL or lot no. M	Section 28	Township 32N	Range 5W	Lot Idn	Feet from the 760	North/South line South	Feet from the 760	East/West line West	County Rio Arriba
<sup>12</sup> Dedicated Acres 320		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			

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.

					<b><sup>17</sup> OPERATOR CERTIFICATION</b> 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  Signature _____ Date 1/9/2008 Jason Kincaid Printed Name	
					<b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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. March 27, 1989 Date of Survey Signature and Seal of Professional Surveyor Original Survey Conducted and Recorded By: Neale C. Edwards 6857 Certificate Number	

**Project:** SJBR-S28, 32N, 5W  
**Site:** Eul Canyon  
**Well:** Quintana Mesa #100  
**Wellbore:** Quintana Mesa #100 ST  
**Plan:** Preliminary Plan (Quintana Mesa #100/Quintana Mesa #100 ST)

PROJECT DETAILS: SJBR-S28, 32N, 5W	
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: 1/9/2008	
Model: IGRF200510	

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	3670.0	0.00	0.00	3670.0	0.0	0.0	0.00	0.00	0.0	KOP	
3	3984.1	90.00	211.40	3870.0	-170.7	-104.2	28.65	211.40	200.0	Land Curve	
4	5660.2	90.00	211.40	3870.0	-1601.3	-977.4	0.00	0.00	1876.0	TD Lateral	

