

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

APR 11 2008

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.

5. Lease Serial No

SF 079488 A

6. If Indian, Allottee or Tribe Name

Office

RCVD APR 16 '08

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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)

320 fnl, 1615 fel  
NE Sec 31, T32N, R4W  
30

BHL  
1240' FNL & 760' FEL  
Sec. 32, T30N, R4W

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

OIL CONS. DIV.

DIST. 3

8. Well Name and No

San Juan 30-4 Unit #28C

9. API Well No

30-039-27816

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ 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 recomple 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 recomple 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 make the following changes to the San Juan 30-4 Unit #28C:

-Change the name to the Carson #302.

-Drill the well as a Basin Fruitland Coal directional drilled well as shown on the attached

directional drilling plan and revised C-102.

-BHL: 1240 fnl, 760 fel section 32, T30N, R4W.

-Change the setting depth of the 7" casing from 4805' to 5650' MD. Change the number of sacks cement to 800 sks lead and 125 sks tail. Run 23.0 ppf from surface to TD.

-Set a 4 1/2", 11.60 ppf, J-55, LTC liner from 5550' MD to 9388' MD. Liner will include sliding packer sleeves for completion. No cement.

-Run logs for coal evaluation to place packer sleeves for pinpoint fracture stimulation.

-Hydraulically fracture stimulate Basin Fruitland Coal. Separate sundry to follow outlining frac design.

Attached are a revised sundry and directional drilling plan outlining changes graphically.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Nathan Smith

Title

CONDITIONS OF APPROVAL Drilling Engineer

Adhere to previously issued stipulations

Date 4/11/08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Pct. Eng.

Date

4/15/08

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

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.

Blanco Mesaverde cancelled 4/15/08

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 30-039-27816	<sup>2</sup> Pool Code 71629	<sup>3</sup> Pool Name Basin Fruitland Coal
<sup>4</sup> Property Code 21185	<sup>5</sup> Property Name Carson	<sup>6</sup> Well Number #302
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name Energen Resources Corporation	<sup>9</sup> Elevation 7548' 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
B	31	30N	4W		320	North	1615	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
A	32	30N	4W		1240	North	760	East	Rio Arriba

<sup>12</sup> Dedicated Acres 320 N/2	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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.

	<sup>17</sup> <b>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: <u>Nathan Smith</u> Date: <u>4/11/2008</u> Printed Name: <u>Nathan Smith</u>
	<sup>18</sup> <b>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. November 6, 2003 - SJ 30-4 #28C, May 28, 2002 - Carson #13A Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Original Survey Conducted and Recorded By: <u>Jason C. Edwards</u>
	15269 Certificate Number

# **Energen Resources**

**SJ BR - NE Sec 32, T30N, R4W**

**Mestenas Mesa**

**Carson #302**

**UPE Lateral**

**Plan: Preliminary Plan**

## **Planned Wellpath**

**11 April, 2008**

**Project: SJ BR - NE Sec 32, T30N, R4W**  
**Site: Mestenas Mesa**  
**Well: Carson #302**  
**Wellbore: UPE Lateral**  
**Plan: Preliminary Plan (Carson #302/UPE Lateral)**

**PROJECT DETAILS: SJ BR - NE Sec 32, T30N, 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: 10.07°

Magnetic Field  
 Strength: 51150.6snT  
 Dip Angle: 63.67°  
 Date: 4/2/2008  
 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	1875.0	0.00	0.00	1875.0	0.0	0.0	0.00	0.00	0.0	KOP
3	5277.9	85.00	98.53	4160.0	-310.6	2070.7	2.50	98.53	2093.9	Enter FC
4	5621.8	90.00	98.51	4175.0	-361.5	2410.4	1.45	-0.20	2437.4	Land Curve
5	5650.0	90.00	98.61	4175.0	-365.7	2438.3	0.34	87.32	2465.6	7" Intermediate Csg Pt
6	9388.1	90.00	98.45	4175.0	-920.2	6135.0	0.00	-91.65	6203.6	TD Lateral

