

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.

2007 APR 17 AM 11:17

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

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL, 1800' FWL, Sec. 31, T30N, R4W, N.M.P.M.

5. Lease Serial No.

SF-079488

6. If Indian, Allottee or Tribe Name

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

San Juan 30-4 Unit

8. Well Name and No.

San Juan 30-4 Unit 33C

9. API Well No.

30-039-27836

10. Field and Pool, or Exploratory Area

Blanco MV/  
W.C. Basin Mancos

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

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☒ Other

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

DHC Blanco MV/

☐ Convert to Injection

☐ Plug Back

☐ Water Disposal

W.C. Basin Mancos

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 recomplete 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 recompletion 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.)

It is intended to downhole commingle this well as follows:

RCVD APR18'07  
OIL CONS. DIV.  
DIST. 3

1. Complete both Mesaverde and W.C. Basin Mancos intervals.
2. Clean out casing to PBTD.
3. TIH w/ 2 3/8" work string & packer to test W. C. Basin Mancos formation using the Pitot method.
4. TOH w/ tubing and packer. TIH w/ RBP and set above W.C. Mancos formation and flow test Mesaverde formation using Pitot method.
5. Remove RBP and finalize completion.
6. report flow test data to NMOCD Aztec district office.

No order as of 4/24/07

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

Justin Stolworthy

Title

District Engineer

Date

4/11/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

APR 18 2007

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.

District I  
1625 N. French Drive, Hobbs, NM 88240

District II  
1301 W. Grand Avenue, Artesia, NM 88210

District III  
Well  
1000 Rio Brazos Road, Aztec, NM 87410

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Oil Conservation Division  
1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

Form C-107A  
Revised June 10, 2003

APPLICATION TYPE  
  X   Single

       Establish Pre-Approved Pools  
EXISTING WELLBORE  
       Yes   X   No

APPLICATION FOR DOWNHOLE COMMINGLING

Energen Resources

2198 Bloomfield Highway, Farmington, New Mexico 87401

Operator  
San Juan 30-4

Unit 33C

Address  
N Section 31, T30N, R4W N.M.P.M

Rio Arriba

Lease

162928

Well No.

Unit Letter-Section-Township-Range  
30-039-27836

County

OGRID No.            Property Code            API No.            Lease Type:   X   Federal        State        Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blanco Mesa Verde		W.C. Basin Mancos
Pool Code	72319		97232
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6207-6752		7237-7817
Method of Production (Flowing or Artificial Lift)	Artificial Lift - Plunger		Artificial Lift - Plunger
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	N/A within 150%		N/A within 150%
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1267		1267
Producing, Shut-In or New Zone	Not yet completed		Not yet completed
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: New Zone  Rates: Pitot Test	Date:  Rates:	Date: New Zone  Rates: Pitot Test
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil  Gas  Pitot Test	Oil  Gas	Oil  Gas  Pitot Test

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes        No   X    
Yes   X   No       

Are all produced fluids from all commingled zones compatible with each other?

Yes   X   No       

Will commingling decrease the value of production?

Yes        No   X  

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands  
or the United States Bureau of Land Management been notified in writing of this application?

Yes   X   No       

NMOCD Reference Case No. applicable to this well:

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Justin M. Stolworthy TITLE District Engineer II DATE 4/12/07

TYPE OR PRINT NAME Justin M. Stolworthy TELEPHONE NO. ( 505 ) 325-6800

E-MAIL ADDRESS jstolwor@energen.com

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

RECEIVED ☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-039-27836		Pool Code 72319/97232	Pool Name Blanco Mesaverde/ W.C. Basin Mancos
Property Code 21994	Property Name San Juan 30-4 Unit		Well Number 33C
OGRID No. 162928	Operator Name Energen Resources Corporation		Elevation 7675'

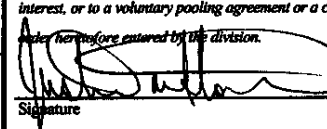
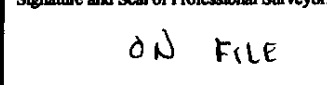
**10 Surface Location**

UL or lot no. N	Section 31	Township 30N	Range 4W	Lot Idn	Feet from the 660	North/South line South	Feet from the 1800	East/West line West	County Rio Arriba
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**11 Bottom Hole Location If Different From Surface**

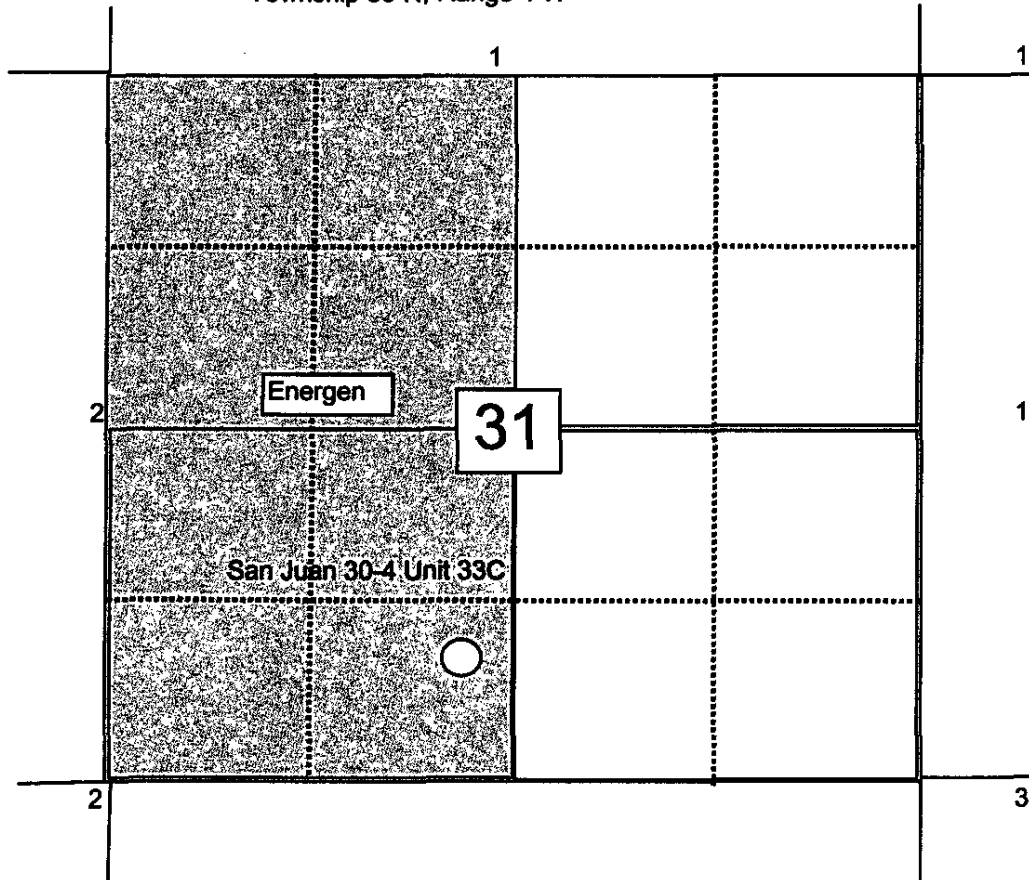
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 205.88- W/2		Joint or Infill	Consolidation Code		Order No.		RCUD APR 18 '07 OIL CONS. DIV. DIST. 3		

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>16</div> <div>31</div> <div>1800'</div> <div>800'</div>	<b>17 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>  Signature _____ Date 4/12/07 Justin M. Stolworthy Printed Name
	<b>18 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> 04/16/2004 Date of Survey Signature and Seal of Professional Surveyor:  NM 15269 Certificate Number

Energen Resources Corp.  
San Juan 30-4 Unit 33C  
Offset Operator/ Ownership Plat  
Blanco Mesa Verde/W.C. Basin Mancos  
Downhole Commingling

Township 30 N, Range 4 W



- 1) Energen Resources
- 2) Conoco Phillips Company
- 3) Burlington Resources O&G Company

## **Recommended Allocation Method**

1. Complete both Mesaverde and W.C. Basin Mancos intervals.
2. Clean out casing to PBTD.
3. TIH w/ 2-3/8" work string w/ packer to test W.C. Basin Mancos and test zone using Pitot method.
4. TOH w/ tubing and packer. TIH w/ RBP and set above W.C. Basin Mancos formation and flow test Mesaverde Zone using Pitot method.
5. Remove RBP and finalize completion.
6. Report flow test data to NMOCD Aztec district office.

Notification list of Working, Royalty, and overriding royalty interests

1) Working Interest

Thomas P. Tinnin  
Attn: Mr. Tinnin  
2303 Candelaria Road, NW  
Albuquerque, NM 87107

The Tinmil, A New Mexico Ltd. Liability Company  
c/o Mr. Robert P Tinnin, Jr.  
Hinkle, Hensley, Shanor and martin, LLP  
500 Marquette, NW, Suite 1300  
Albuquerque, NM 87102

JABCO, LLP  
Attn: Debra Coughlin  
c/o Nations Bank of Texas, N.A.  
P.O. Box 2546  
Fort Worth TX 76113-2546

Navatex Energy, LP  
Zia Data Search Corporation  
Oil & Gas Accounting Services  
P.O. Drawer 2188  
Roswell, NM 88202

Rio Aribagas  
c/o Eddye Dreyer Management Co., as Agent  
4925 Greenville Avenue Suite 900  
Dallas, TX 75206

T. H. McElvain Oil & Gas  
Attn: Denise Greer  
1050 17<sup>th</sup> Street, Suite 1800  
Denver, CO 80265

Burlington Resources  
Attn: Mr. David Valdez  
P.O. Box 4289  
Farmington NM 87499

Notification list of Offset Operators

1) Burlington Resources  
P.O. Box 4289  
Farmington, NM 87499

2) ConocoPhillips  
P.O. Box 4289  
Farmington, NM 87499