

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**

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)

2150' FNL 2150' FEL, Sec. 4, T. 24N, R. 3W, NMPM

5. Lease Serial No.

SF - 080472

6. If Indian, Allottee or Tribe Name

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

Cullins Feredal

8. Well Name and No.

Cullins Federal

5

9. API Well No.

30-039-24045

10. Field and Pool, or Exploratory Area

West Lindrith Gallup/ Dakota  
South Blanco PC

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 type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>add PC &amp;</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>DHC PC &amp; WLGD</u>                                      |
| <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 is applying for administrative approval to Downhole Commingle the South Blanco PC and the West Lindrith Gallup - Dakota.

Pictured Cliff perforations 3413'-3493' est., WLGD perforations 7684'-7913'  
Current rates: PC-not yet completed. WLGD-27 MCFD & 3.5 BOPD

Recommended allocation - Subtraction method following 60 days of stabilized production.

Rates reported to NMOCD- Aztec for final determination.

RCVD MAR 19 '08

OIL CONS. DIV.

DIST. 3

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

Justin M. Stolorthy

Title

District Engineer

Date 3-12-08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Joe Hewitt

Title

Geo

Date

3-14-08

Office

FFD

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.

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 II  
1301 W. Grand Avenue, Artesia, NM 88210

**Oil Conservation Division**  
1220 South St. Francis Dr.

APPLICATION TYPE  
X Single

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

Santa Fe, New Mexico 87505

<u>      </u>	Establish Pre-Approved Pools		
	EXISTING WELLBORE		
	<u>    X    </u>	Yes	No

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

## APPLICATION FOR DOWNHOLE COMMINGLING

## Energen Resources

2010 Afton Place, Farmington, New Mexico 87401

Operator		Address		
Cullins Federal		5	G Section 04, T24N, R3W N.M.P.M	Rio Arriba
Lease	Well No.	Unit Letter-Section-Township-Range		County
162928	21899	30-039-24045		X
OGRID No.	Property Code	API No.	Lease Type:	Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	South Blanco Picture Cliffs	N/A	W Lindrith Gallup Dakota
Pool Code	72439	N/A	39189
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3413' to 3493'	N/A	7684' to 7913'
Method of Production (Flowing or Artificial Lift)	Artificial Lift – Pump Jack	N/A	Artificial Lift – Pump Jack
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	N/A within 150%
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1,341 BTU	N/A	1,341 BTU
Producing, Shut-In or New Zone	New Zone	N/A	Producing
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: N/A  Rates: N/A	Date: N/A  Rates: N/A	Date: 02/2008  Rates: 3.5 BOPD/ 27 MCFPD/0.7 BWPD
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  0% N/A	Oil N/A Gas N/A  % %	Oil Gas  100 % N/A

## ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X No       

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? 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  TITLE District Engineer DATE 2/22/08

TYPE OR PRINT NAME    Jusin M. Stolworthy                      TELEPHONE NO. (   505   )   324-4143

E-MAIL ADDRESS jstolwor@energen.com