

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 28 2008

Bureau of Land Management  
District Office1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
ENERGEN RESOURCES CORPORATION3a. Address  
2010 Afton Place, Farmington, NM 87401

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1850' FSL, 1850' FWL, Sec.17, T26N, R02W, N.M.P.M.  
(K) NE/SW

5. Lease Serial No.

NMNM 046

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
Cheney Federal # 2B9. API Well No.  
30-039-2708210. Field and Pool, or Exploratory Area  
Blanco Mesa Verde  
Gavilan Chacra11. 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>Pay Add</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>&amp; DHC</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 recomplate 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 recomplate 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 intends to add the Gavilan Chacra to this well and DHC with the Blanco MV.

1. MIRU. ND WH. ND BOP. TOH with 2.375" tubing.
2. TIH with RBP, set just below the Chacra Formation. Test casing to 3500 psi - ok.
3. Perforate Chacra per geology request.
4. MIRU frac crew. Frac chacra per crew company's design.
5. Flow back frac.
6. TIH and clean out to CIBP with air mist. TOH.
7. Drill out CIBP. TOH.
8. TIH with tubing, set @ production foreman's request.
9. ND BOP NU WH. Return well to production.

*DHC order in progress*14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Justin M. Stolworthy

Title

District Engineer

Date 01/24/08

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *[Signature]* Original Signed: Stephen Mason

Title

Date

JAN 29 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 30-039-27082	<sup>2</sup> Pool Code 96307	<sup>3</sup> Pool Name Gavilan Charca
<sup>4</sup> Property Code 21896	<sup>5</sup> Property Name Cheney Federal	<sup>6</sup> Well Number 2B
<sup>7</sup> OGRID No. 162928	<sup>8</sup> Operator Name Energen Resources Corporation	<sup>9</sup> Elevation 7264'

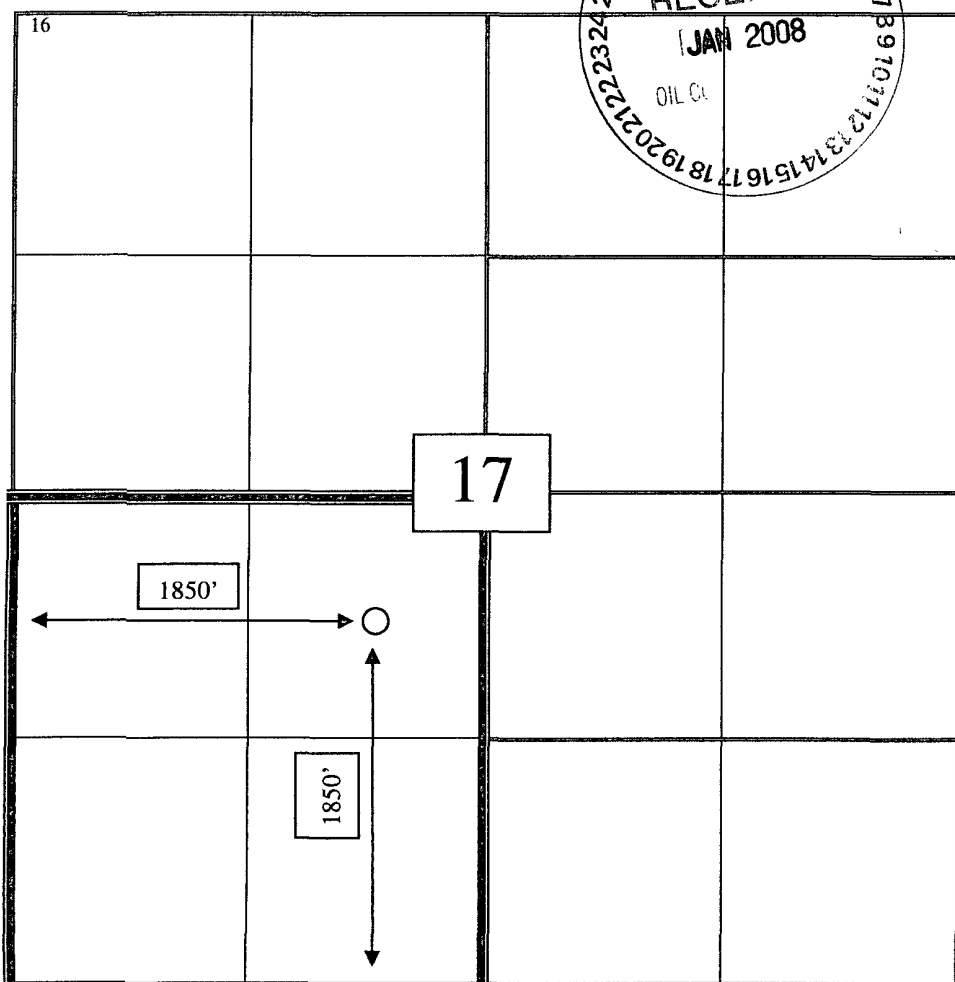
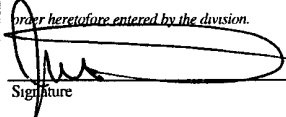
**10 Surface Location**

UL or lot no. K	Section 17	Township 26N	Range 2W	Lot Idn	Feet from the 1850	North/South line South	Feet from the 1850	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
<sup>12</sup> Dedicated Acres 160	<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>16</div> 	<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 1/23/08 Justin M. Stolworthy Printed Name</div>
	<div><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> 07/25/2002 Date of Survey _____ Signature and Seal of Professional Surveyor: _____  15269 Certificate Number</div>

## **Energen Resources Completion Schedule - Procedure for Cheney Federal #2B**

**NOTE:** See “Pertinent Data Sheet for wellbore information”, “Perforation schedule for shooting interval.”, and “Halliburton Frac Procedure.”

1. MIRU WSU NUBOP.
2. POOH production tubing.
3. MIRU WL.
4. TIH W/ BP and set right below CH formation. Load the casing with clean 2% KCL W/ Biocide. Pressure Test Casing to desired specifications (80% yield press). Note: A packer may be required to isolate the wellhead from pressure. NU Frac Head/Valve assembly.
5. TIH & perforate the CH formation per the selected interval:

4325	to	4355	30 perfs
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6. Pump the Breakdown schedule per the attached Halliburton procedure.
7. Fracture the CH per the attached Halliburton procedure. Note: The Max treating pressure will be 80% yield press.
8. TIH w/ work string and clean out to BP.
9. TIH with bit and scraper and drill out CIBP and push to PBTD. POOH w/ Drill-out assembly – TIH w/ Production tubing BHA per Production Foreman Specification.
10. NDBOP. NUWH. RDMO WSU.

