

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

Energex Resources Corporation

3a. Address

2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

(505) 325-6800

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

950' FSL, 800' FWL, Sec. 1, T29N, R12W, N.M.P.M.

5. Lease Serial No.

NMSF-065557A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Cornell 2

9. API Well No.

30-045-0865600

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

Dan Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

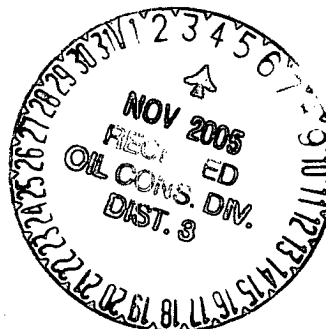
- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

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 P&A |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <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.)

The Cornell #2 well was plugged & abandoned on September 15th, 2005 as per the attached plugging summary.



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

Vicki Donaghey

Title

Regulatory Analyst

Date 10/19/05

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

FARMINGTON FIELD OFFICE
BY

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.

NMOC

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * fax: 505-325-1211

Energen Resources Corporation
Cornell #2

September 19, 2005
Page 1 of 1

950' FSL & 800' FWL, Section 1, T-29-N, R-12-W
San Juan County, NM
Lease Number: NMSF-065557A
API #30-045-086560

Plug and Abandonment Report

Work Summary:

Notified BLM on 9/13/05

9/13/05 MOL and RU rig. Well pressures: 50# tubing and casing, and 0# bradenhead. Shut in well.

9/14/05 Well pressures: 50# tubing and casing and 0# bradenhead. Bleed well down. Kill well with 40 bbls of water. ND wellhead. NU BOP and test. TOH and tally 59 joints 2-3/8" tubing. LD last 5 joints with heavy scale. Round-trip 5.5" casing scraper to 1685'. TIH and set 5.5" DHS CR at 1664'. Pressure test tubing to 900#. Sting out of CR and circulate casing clean with 35 bbls of water. Pressure test casing to 750# for 3 minutes.

Plug #1 with CR at 1664', spot 17 sxs Type III cement (22 cf) inside casing above the CR up to 1550' to isolate the Pictured Cliffs and Fruitland intervals.

TOH with tubing. Perforate 3 squeeze holes at ⁷⁶⁰709'. Establish rate into squeeze holes 1.5 bpm at 500#. Connect pump line to the bradenhead valve. Load BH annulus with 0.5 bbls of water. Attempt to pressure test BH annulus, unable due to leak around wellhead. RIH and set 5.5" wireline cement retainer at 709'. TIH with tubing and sting into retainer at 709'. Shut in well.

9/15/05 Well pressures: 0# on casing and tubing. Establish injection rate under the CR into the squeeze holes at 1.5 bpm at 500#.

Plug #2 with CR at 709', mix and pump ⁷⁶⁰82 sxs Type III cement (108 cf), squeeze 55 sxs outside the casing from ³⁴⁰709' to 609' and leave 27 sxs inside the casing to 550' to cover the Kirtland and Ojo Alamo tops.

TOH and LD all tubing. TIH with 5 joints tubing to 156'. Circulate 5.5" casing clean with 10 bbs of water.

Plug #3 with 27 sxs Type III cement (36 cf) inside 5.5" from 156' to surface, circulate good cement out the casing valve.

TOH and LD tubing.

Shut in well and WOC. ND BOP. Dig out and cut off wellhead. Found cement down 15' in casing and at surface in annulus. Mix 10 sxs Type III cement and install the P&A marker. RD & MOL.

Ernest, BLM, was on location.