

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF079488A
2. Name of Operator ENERGEN RESOURCES CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address 2198 BLOOMFIELD HIGHWAY FARMINGTON, NM 87401		7. If Unit or CA Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505.325.6800 Ext: 238 Fax: 505.326.6112		8. Well Name and No. CARSON 6A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T30N R4W NENW 1110FNL 2450FWL		9. API Well No. 30-039-26199-00-S2
		10. Field and Pool, or Exploratory BLANCO EAST BLANCO PICTURED CLIFFS
		11. County or Parish, and State RIO ARRIBA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input checked="" type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<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 recompleate 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 recompleation 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 site is ready for final inspection.)

We have recently detected increasing levels of H2S in this well. We suspect that the H2S is coming from the Ojo Alamo formation and migrating to the Pictured Cliffs perforations through a channel behind pipe. Cement was circulated to surface during the original cement job. We propose to shut off the H2S as follows:

- 1) MIRU. TOOH w/2-3/8" tubing.
- 2) Set 7" RBP @ 4100'. Test RBP to 500 psi.
- 3) Run Sector Cement Bond Log.
- 4) Perforate 7" casing above PC perms and block squeeze w/50 sx cement.
- 5) Drill out cement and pressure test squeeze holes to 500 psi.
- 6) Retrieve RBP and TOH. CO to liner top @ 4566'.
- 7) TIH w/2-3/8" tubing, set at approximately 4465'. Return to production.
- 8) After returning this well to production, we will continue to monitor the well for H2S.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #34993 verified by the BLM Well Information System For ENERGEN RESOURCES CORPORATION, sent to the Farmington Committed to AFMSS for processing by STEVE MASON on 08/25/2004 (045XM1930SE)	
Name (Printed/Typed) VICKI DONAGHEY	Title PRODUCTION ASSISTANT
Signature (Electronic Submission)	Date 08/20/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 08/25/2004
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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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