

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.5. Lease Serial No.
NMSF079488A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
CARSON 5A9. API Well No.
30-039-26146-00-C110. Field and Pool, or Exploratory
BLANCO MV/ PC11. County or Parish, and State
RIO ARRIBA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
ENERGEN RESOURCES CORPORATIONContact: VICKI DONAGHEY
E-Mail: vdonaghe@energen.com3a. Address
2198 BLOOMFIELD HIGHWAY
FARMINGTON, NM 874013b. Phone No. (include area code)
Ph: 505.325.6800 Ext: 238
Fx: 505.326.6112

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

Sec 30 T30N R4W SESE 700FSL 415FEL

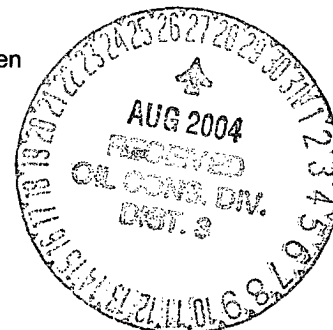
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 recomple 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 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, however the sector bond log shows poor bond between the zones. We propose to shut off the H₂S as follows:

- 1) MIRU. TOOH w/2-3/8" tubing.
- 2) Set 7" RBP @ 4200'. Test RBP to 500 psi.
- 3) Perforate 7" casing above PC perms and block squeeze w/50 sx cement.
- 4) Drill out cement and pressure test squeeze holes to 500 psi.
- 5) Retrieve RBP and TOH. CO to PBD @ 6975'.
- 6) TIH w/2-3/8" tubing, set at approximately 6790'. Return to production.
- 7) 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 #34992 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 (04SXM1929SE)

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 ******NMOCD**