

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB NO 1004-0137  
Expires July 31, 2010

## 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 on Field Office  
Bureau of Land Management.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <u>Jicarilla Contract 89</u>
2. Name of Operator <u>ENERGEN RESOURCES CORPORATION</u>		6. If Indian, Allottee or Tribe Name <u>Jicarilla Apache</u>
3a. Address <u>2010 Afton Place, Farmington, NM 87401</u>	3b. Phone No. (include area code) <u>505-325-6800</u>	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <u>1650' FSL, 1120' FEL, Sec.15, T27N, R03W (I) NE/SE</u>		8. Well Name and No. <u>Jicarilla 89 # 3A</u>
		9. API Well No <u>30-039-22876</u>
		10. Field and Pool, or Exploratory Area <u>Blanco Mesaverde/Gavilan Pictured Cliffs</u>
		11. County or Parish, State <u>Rio Arriba NM</u>

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" 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 checked="" type="checkbox"/> Other <u>PC PayAdd</u>
	<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.)

Energen Resources added the Gavilan Pictured Cliffs

- 4/4/12 MIRU. NDWH & NU BOP. TOOH w/2.375" tbg. RIH w/5.50" CBP, set @ 5050' MD. TIH w/2.375" tbg, load csg w/2% KCL water. PT csg to 500#, held 5 min.-good test. RIH w/CBL, ran CBL from 5030'-100', solid bond from 5030'-3200', avg 20-30 mv amplitude from 3200'-350'. TOC 350'. PT csg to 1900#, pressure bled to 1200# in 30 sec. & to 900# in 2.5 min. Increased pressure, began pumping into @ 1700# @ approx. .25BPM. SD pump, pressure declined. SI well.
- 4/6/12 Isolate csg leak. TIH, set packer @ 3759'. Tested 5.50" csg & CBP to 2000#, good test. PUH & isolated csg leak between 3570'-3602'. TOOH w/packer and tbg.
- 4/9/12 Perforate PC formation from 3824'-3850' (3 SPF, 78 holes)
- 4/10/12 RIH w/frac strg-set packer @ 3753'. ND BOP. NU Frac stack. PT seal assembly to 3000#-ok. SI well.
- 4/12/12 Acidize w/750 gal of 15% HCL. Frac PC w/18715 gal 70Q Delta 140 w/5000# 100 mesh, 76,900# 20/40
- 4/13-17 Flow back frac. TOOH w/packer. TIH set CIBP @ 3643'. TOOH.
- 4/18-24 Cement Squeeze. See Subsequent Report dated 4/27/12.
- 4/24/12 C/O to PBID-5050'. Due to high PC pressure CIBP was left isolating the MV. The CIBP will be drilled out once PC pressure decreases.
- 4/26/12 TIH w/2.375", 4.7#, J-55 prod tbg, set @ 3837'. ND BOP. Rig released 4/26/12.

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

Anna Stotts

Title Regulatory Analyst

Signature

Date 4/27/12

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

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

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