

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.

5. Lease Serial No.

SF-078426

6. If Indian, Allottee or Tribe Name

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

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #5

9. API Well No.

30-039-07518

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other <u>squeezed</u>
	<u>Then added pay to</u>
	<u>existing MV zone</u>

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.)

See attached for details of the procedure used to squeeze cement to cover the interval before adding Lewis Shale pay to this Mesaverde well.



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

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

8/23/00

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

ACCEPTED FOR RECORD

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

BY sm OFFICE

**San Juan 29-6 Unit #5**  
**SF-078426; API – 30-039-07518**  
**Unit N, 990' FSL & 1650' FWL**  
**Section 30, T29N, R6W; Rio Arriba County, NM**

**Details of the procedure used to squeeze cement behind pipe before adding the Lewis Shale pay to the existing MV well.**

8/11/00

MIRU Key Energy # 40. Kill well. ND WH & NU BOP. COOH w/tubing. Made scraper run to 5800'. Ran logs from 5750' – 5100'. Perforated additional Menefee pay with .32" holes @ 1spf as follows:

5628'; 5621'; 5619'; 5616'; 5548'; 5546'; 5535'; 5530'; 5494'; 5492'; 5488' & 5587'

RIH & set packer @ 5670'. PT plug, casing and packer to 4000 psi – held good. PU & set packer @ 5585'. Acidized Menefee perms with 1000 gal 15% HCL & ballsealers. POOH w/packer. RIH & set 4-1/2" CIBP @ 5160'. Load casing w/80 bbls 2% KCL. PT plug, casing and rams to 500 psi, good test. Blue Jet ran GR/CCL/CBL from 5150' – surface. TOC @ 4320'. Shot 4 squeeze holes @ 4240' (no injection rate established) & then 4 more @ 3950'. RIH w/cement retainer @ 3900'. PT – OK. Established injection rate & then pumped 75 sx C1 H cement. Stung out of retainer & reversed 5 sx good cement to pit. POOH. Drilled out retainer @ 3900' & cement to 4080'. PT squeeze to 550 psi. OK. C/O. PT both squeeze holes @ 3950' & 4240' to 500 psi, good test. RU Blue Jet & perforated Lewis Shale @ 1 spf .38" holes as follows:

4730' – 4732'; 4717' – 4719'; 4695' – 4597'; 4673' – 4675'; 4603'; 4605'; 4572' – 4574';  
451' – 4563'; 4544' – 4546'; 4380' – 4382'; 4365' – 4367'; 4354' – 4356'; 4345' – 4347'

RIH w/packer & set @ 4703'. PT – OK. Acidized Lewis Shale w/1000 gal 15% HCL & ballsealers. Unset packer & knocked balls off. POOH w/packer. RU to frac. Pumped 76,566 gal 60 Quality N2 foam consisting of 27,814 gal 30# X-link gel & 796,000 scf N2 gas. Pumped a 6720 gal foam pad followed by 69,846 gal foam containing 200,1009# 20/40 proppant. Flushed w/2856 gal 2% KCl. ISDP – 915 psi. Atr – 45 BPM, ATP – 2530 #. Flowed back on 1/4" and 1/2" chokes for approx. 31 hours. RD flowback equipment & pulled WH isolation tool. C/O fill & then drilled out CIBP @ 5160' & 5680'. Cleaned out fill to 6051' (PBTD). COOH. RIH w/2-3/8" tubing and set @ 5857' with "F" nipple set @ 5825'. PT – OK. Pumped off exp. Check and then RD and released rig 8/2/00. Job complete.