

**San Juan 29-6 Unit #29B**  
**FEE; API # - 30-039-26179; Unit C, 755' FNL & 1380' FWL,**  
**Section 3, T29N, R6W; Rio Arriba, County, NM**

**Details of the procedure used to add MV pay to the MV/DK well.**

8/10/00

MIRU Key Energy #18. Kill well w/2% KCL H<sub>2</sub>O. ND WH & NU BOP. PT – OK. Unset hanger & COOH w/tubing. RIH w/4-1/2" CIBP & set @ 5800'. Load hole & PT plug, casing & rams to 500 #. Good test. POOH w/setting tool. ND BOPs, NU WH. PT – OK. Blue Jet perforated Pt. Lookout w/1 spf @ .36" holes as follows:

5585' – 5587'; 5569' – 5574'; 5558' – 5560'; 5538' – 5540'; 5495' – 5501' Total 21 holes

RIH w/packer & set @ 5567'. Acidized perfs w/750 gal 15% HCl & ballsealers. Unset packer & knocked balls off. POOH w/packer. RU to frac. Pumped 78,561 gal of slickwater. Pump time-45 min. Blue Jet set 4-1/2" CIBP & set @ 5486'. Perforated Menefee interval @ 1 spf .34" holes as follows:

5468' – 5473'; 5367' – 5369'; 5319' – 5321'; 5258' – 5263'; 5212' – 5214' Total 21 holes

Acidized Menefee interval w/750 gal 15 % HCL & ballsealers. Knocked balls off and retrieved. RU to frac. Pumped 78,372 gal slickwater. Pump time-45 minutes. Blue Jet set 4-1/2" CIBP @ 5200'. PT-OK. Perforated Cliffhouse @ 1 spf .34" holes as follows:

5177' – 5179'; 5168' – 5173'; 5161' – 5163'; 5151' – 5153' Total 15 holes

Acidized perfs w/750 gal 15% HCL & ballsealers. Knocked balls off and retrieved. RU to frac. Pumped 53,340 gal slickwater. Pump time –30 minutes. RD flowback equipment. Kill well w/20 bbls 2% KC. RIH w/bit & tagged up @ 5200'. Drilled out CIBP @ 5200', then CIBP @ 5486' and then cleaned out to CIBP @ 5800' (PBTD). Circ. hole. POOH. RIH w/2-3/8", 4.7# tubing and set @ 5574' with "F" nipple set @ 5541'. ND BOP & NU WH. PT-OK. Pumped off expendable check and RD & released rig 8/16/00. Turned well over to production department to flow test the MV interval. Will D/O remaining CIBP & rerun tubing to downhole commingle the DK & MV production at a later date.