

Matador Operating Company

Pipeline A Federal 8 #2

Sec. 8 T19S R34E

API #30-025-35632

Lea County, New Mexico

Date : 6/14/2002

Activity: Continue test

Remarks : TP 40 psi, gas rate 73 mcf. No fluid after swab (14 hours). Made 2 swab runs. Recovered scattered fluid. 7 BW. Gas rate increased to 150 mcf. RD Aries. PPS will continue to monitor.

Date : 6/15/2002

Activity: Continue test

Remarks : TP 41 psi, gas rate 59 mcf. No fluid for 24 hours after swab. Began making 1/2 BPH water. PPS will continue to monitor.

Date : 6/16/2002

Activity: Continue test

Remarks : TP 52 psi, gas rate 52 mcf. Making 1/4 BPH water. Water sample shows chlorides at 145000 PPM. PPS will continue to monitor.

Date : 6/17/2002

Activity: RIH with pressure gauges

Remarks : TP 52 psi, gas rate 52 mcf. Making 1/4 BPH water. RU Pro wireline. RIH with BHP gauges on 1.84 no-go, and wireline. Disconnect from no-go and leave gauges in XN nipple at 13390'. POH with wireline. Shut in well and RIH with bottom hole shut in tool and wireline. Set tool in X nipple at 13364'. POH with wireline. Open well for 90 minutes to let flow return to original rate and pressure. RIH with closing tool and wireline. Close bottom hole shut in valve. TP drops to 0 psi. POH with tools and wireline. RD Pro. RD PPS. Well will remain shut in for 120 hour build-up.

Date : 6/18/2002

Activity: SI f/BHP Buildup

Date : 6/19/2002

Activity: SI f/BHP Buildup

Date : 6/20/2002

Activity: SI f/BHP Buildup

Date : 6/21/2002

Activity: SI f/BHP Buildup

Date : 6/22/2002

Activity: SI f/BHP Buildup

Date : 6/23/2002

Activity: POOH with BHP gauges

Remarks : 136 hour SITP 400 psi. RU Pro wireline. RIH with tools and wireline. Open bottom hole shut in tool. POH with same. Let pressure equalize. Surface pressure at 450 psi. RIH with retrieving tools and wireline. Recovered shut in tools and gauges in two trips. Leave well shut in. RD Pro wireline. Results as follows: