

Matador Operating Company

Pipeline A Federal 8 #2

Sec. 8 T19S R34E

API #30-025-35632

Lea County, New Mexico

Date : 7/2/2002

Activity: Frac

Remarks : MIRU Schlumberger frac equipment. Treat Morrow perms 13443 - 13517 with 70 quality CO2 and 20/40 Carbo-prop. Pump total of (1) 833 bbls fluid (2) 1107 bbls CO2 (3) 10283 lbs proppant. Average pressure: 4895#, max pressure 7173#, average rate 16.2 BPM, max rate 25.4 BPM. ISIP 6298#, 5 min 5807#, 10 min 5697#, 60 min 3150#. Begin flow-back on 8/64 pos choke. Increasing choke size to maintain adequate rates to lift fluid. Flow rate and pressure drops over night to 500 mcf at 60 psi lifting a slight mist. (6 AM 7/3)

Date : 7/3/2002

Activity: RIH w/ Prod Tbg

Remarks : Open well on 2" choke to tank. Pressure 0#. ND frac valve. NU BOP. RU Pro Wireline. RIH with sinker bar and wireline. Tag at 13546'. POH with same. RD Pro. RIH with seating nipple and 420 joints tubing. ND BOP. NU well head. SN at 13314' KB. RU swab. FL first run at 9000'. Made 3 swab runs. Recovered 17 bw. FL at 9000'. Leave tubing open to tank. SDON.

Tubing Detail:

420 jts 2-3/8" L-80 4.7# EUE 8rd	13295.46
2.375 x 1.75 seating nipple	1.10
KB adjustment	18.00
EOT	13314.56

Date : 7/4/2002

Activity: Swabbing

Remarks : Tubing open to tank, no fluid. SICP 120 psi. Continued swab. FL first run at 9000'. Made 12 swab runs. Recovered 65 BW. Final fluid level at 9500'. Leave open to tank. PPS will watch. SITP 165 psi. SDON.

Date : 7/5/2002

Activity: Swabbing

Remarks : Tubing open to tank, no fluid. SICP 425 psi. Continued swab. FL first run at 9000'. Made 2 swab runs. Recovered 12 BW. SICP 440 psi. Well flowed 1 hour, rates starting at 300 mcf decreasing to 80 mcf. SICP 220 psi. Continued swab/flow total of 5 hours.

Date : 7/6/2002

Activity: Swabbing

Remarks : Tubing open to tank, no fluid. SICP 390 psi. Continued swab. FL first run at 9500'. Made 3 swab runs. Recovered 20 BW. SICP 510 psi. Well flowed 3 hours, rates starting at 500 mcf decreasing to 80 mcf. SICP 310 psi. Made 1 swab run, recovered 7 bw. Well flowed 4 hours, 100 - 15 mcf. Recovered total of 27 bw. 516 bbls frac fluid left to recover. Leave open to tank. PPS will watch. SICP 280 psi. SDON.

Date : 7/7/2002

Activity: Swabbing

Remarks : Tubing open to tank. No fluid. SICP 410 psi. Continued swab. Fluid level first run at 10000'. Made 2 swab runs. Recovered 12 BW. SICP 440 psi. Flowed 1 hour. Flow rate 300 MCFD to 80 MCFD. SICP 220 psi. Continued swab/flow total of 5 hours. Recovered 20 BW. SICP 300 psi. PPS with continue to watch. SDON.

Date : 7/8/2002

Activity: Swabbing

Remarks : Tubing open to tank, no fluid. SICP 425 psi. Continued swab. FL first run at 9000'. Made 4 swab runs. Recovered 14 BW with skim of condensate in samples. SICP 450 psi. Well flowed 90 min, rates starting at 500 mcf decreasing to 80 mcf. SICP 250 psi. Continued swab as flow rate decreases, with well flowing 45 - 60 min afterward. SICP 190 psi. Recover total of 26 BW. PPS will monitor. SDON.