

Matador Operating Company

Pipeline A Federal 8 #2

Sec. 8 T19S R34E

API #30-025-35632

Lea County, New Mexico

PLS packer, released on-off tool. PU and space out with 2 subs, 10' and 2' 3-1/2" EUE P110. Pressure tested to 9000 psi, set down and engaged on-off tool with 10K in compression. Loaded with 69 bbls 6% KCL. Pressure tested 5-1/2" 17# casing to 2000 psi. Good test. Nipple down BOP, PU wellhead and pressure tested to 9000 psi. Re-test 5-1/2" casing to 3000 psi. Good test. SWI, SDON.

Date : 10/30/2002

Activity: Acidize

Remarks : Rig up Schlumberger. Pressured 5-1/2" casing to 1000 psi and monitor during acid job. Pressure tested lines to 5000 psi. Pumped 1000 gals 15% HCL NEFE followed by 133 bbls 6% KCL (46 bbls over flush). ISIP 3000 psi, 5 min 0. SWI, SDON.

Date : 10/31/2002

Activity: Test Packer

Remarks : RU Key kill truck to annulus. Loaded with 8 bw. Pressure tested to 3000 psi. Pressure dropped 100 psi in 5 mins. Repeated, same results to 2500 psi, pressure continued to decrease. RD kill truck. SDON.

Date : 11/1/2002

Activity: POOH w/tbg

Remarks : ND well head. NU BOP. Release on-off tool and POH with tubing. Inspection of on-off tool shows no obvious failure. RU AAA tubing testers. RIH with re-dressed on-off tool and 4 stands tubing. SWI, SDON.

Date : 11/2/2002

Activity: Run Tbg

Remarks : RIH with new on-off tool, re-testing 3-1/2" EUE 8rd tubing, 436 joints and 2 subs (10' and 2'). (1 reported leak on stand #37, re-torqued connection and re-tested to 8000 psi). Engaged PLS packer with on-off tool at 13311'. ND BOP. NU wellhead. Pressure tested wellhead to 9000 psi. Landed with 30K compression. Tested wellhead ring seals to 5000 psi. SWI, SDON.

Date : 11/3/2002

Activity: Test Casing

Remarks : RU pump truck. Loaded 5-1/2" x 3-1/2" annulus with 66 bbls 6% KCL (FI at 5823, BHP = 3461'). Pressure tested to 3000 psi. Bled off and re-pressured twice to eliminate air. Tested good. Bled off and SDON.

Date : 11/4/2002

Activity: WO Frac

Date : 11/5/2002

Activity: WO Frac

Date : 11/6/2002

Activity: Frac

Remarks : Frac Morrow. RU TSI Treesaver. RU Schlumberger and Flow C02. RU annulus pump and set relief at 5000 psig. Pressured annulus to 600 psig. Started pumping at 11:30 am. Stage 1 119 bbls slick water with tubing loading at 58.4 bbls (FL at 6670-3100 BHP) at 4.2 bpm at 4980 psig. Pumped 72 bbls 15% HCL 4.1 bpm at 5452. Stage 2 65.6 bbls slick water, 4.2 - 5322. Stage 3 292.3 bbls slick water, 10.3 bpm 7332. Stage 4 PrePad started Co2 cut FR to 6.5 bpm with 10 bpm C02, 47.6 bbls WF145 69.6 C02 at 10266 psig. Stage 5 Pad 114.3 bbls (Stage 5 12 YF345LP) 168.8bbls C02, 10676 psig at 16.1 bpm. Stage 6 .3 ppa 20/40 S95 Carbo in 9.8 bb/14.2 bbls C02. Stage 7 Pad 95.2 bbls YF345LP/141.8 bbls C02 at 16.2 bpm with 10492. Stage 8 .5 ppa 10 bbls/14.6 bbls C02 16.1 bpm at 10560. Stage 9 Pad 95.2 bbls/143.1 bbls C02 at 16.3 bpm with 10484. Stage 10 .5 ppa 79.7 bbls/110 bbls C02 at 16.3 bpm with 10204. Stage 11 1.0 ppa 141.9 bbls/205.7 bbls C02 at 15.4 with 10721. Stage 12 1.5 ppa 273.2 bbls/384.7 bbls C02 at 15.7 bpm with 11277-10808. Stage 13 Flush 52.7 bbls/60.2 bbls C02, 10808-7523 at 6.6 bpm fluid. ISIP 6164, 5 min 5916, 10 min 5852, 15 min 5796, 20 min 5739. SWI. RD TSI. Connect flowback equipment. Total Slurry 1469 bbls, 55907# 20/40 Carbo Prop, 1331.1 bbls C02 or 233 ton downhole. Opened well at 5:30 pm MST with 4300 psig on tubing. Opened on a 12/64 choke increasing to 20/64. At report time 4:00 am MST, recovered est 255 bbls fluid with light sand and 450 psig on tubing.