

Matador Operating Company

Pipeline Deep Fed 5 #2
Lea County, New Mexico

API # 30-025-35133
Sec 5, T19S, R34E

12/07/00 RU Jarrel Services Slickline. RIH and tagged top of cement at 13,477' KB. RD slickline.

12/11/00 Clean location. Set anchors. MIRUPU. NU BOP. Pick up and TIH with 4-3/4" bit, 5-1/2" 17# casing scraper, 6 DC, XO and 415 joints 2-3/8" L-80 tubing. Bit at 13,300'. Shut in, SDON.

12/12/00 TIH with 7 joints tubing (422 total). Pass through spot at 13477 with bobble on weight indicator. Tag solid cement at 13515'. RU power swivel and reverse unit. Drill out cement to float at 13653'. Circulate hole clean. RU and pressure test casing/shoe to 5000 psi for 10 minutes – good. Release pressure. Circulate with 6% KCL and 300 bbls packer fluid. Begin TOH and lay down 2-3/8" tubing. SWI, SDON.

12/13/00 Complete TOH and lay down tubing and tools. RU JWS wireline. TIH with CBL and wireline. Pull log from 13,653' - 13,000' with 0# pressure. Log shows 70-80% bond. Repeat with 2000# on casing, 98-100% bond across zones of interest. Continue pulling log with pressure. Find TOC at 7750'. RD JWS. SWI, SDON.

12/14/00 Pick up and TIH with Prescott TCP guns loaded 3 spf, 120 deg phase, 32 gram charges (designed to create .5" diameter hole, 26" deep), to perf 13,348' – 13,405', TCP tools, Howco PLS pkr, on-off tool, 2 3/8" blast jt (1.937" ID), marker sub, X-O, and one jt 3 1/2" 9.3 #/ft N-80 EUE 8rd tbg tested to minimum of 6000 psi above slips. Continue pick up and test ditto tubing in hole to 9500 psi above slips. (500' water cushion above firing head). 7000' tubing in hole. (8:30 pm cst) Shut well in SDFN