

Matador Operating Company

Pipeline Deep Fed 5 #2
Lea County, New Mexico

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

12/15/00 Complete TIH with tubing, testing N-80 to 9500# above slips, P-110 to 10500# above slips. RU Computalog. TIH with CCL and gamma ray, check depth of tools. TOH with same. Space out. Set packer. TIH with CCL and gamma ray to confirm depth of TCP equipment. Find at correct depth to perf 13,348' - 13,405'. TOH with same. RD Computalog. ND BOP. Test tree and connections at 10,000 psi. NU 4-1/16" 10K tree. Test wrap around, BO-2 coupling, and flanges to 6,000 psi. SWI, SDON.

Tubing Detail

1jt	3-1/2 9.3# P-110 AB mod 8rd	31.37
	Ditto tubing sub	10.10
167 jts	ditto tubing	4903.56
	3-1/2 9.3# N-80 EUE 8rd sub (FH coupling)	6.20
41 jts	3-1/2 9.3# L-80 EUE 8rd (FH coupling)	1297.15
224 jts	3-1/2 9.3# N-80 EUE 8rd (SH coupling)	6979.46
	X-O	0.75
	2-3/8" L-80 EUE 8rd tubing sub	6.13
	2-3/8" blast joint	10.37
	On/off with 1.875" X-nipple (frac hardened)	1.79
	PLS packer (2-3/8 x 5-1/2 17#)	3.95
	Ditto tubing sub	12.13
	1.875" X-nipple (frac hardened)	1.20
	Ditto tubing sub	6.15
	Ditto tubing sub	10.16
	1.875" X-nipple (frac hardened)	1.20
	Ditto tubing sub	10.14
	Bar activated vent	1.32
	Mechanical tubing release	1.59
1 jt	2-3/8" J-55 tubing	31.70
	Extended firing head	4.58
	Gun loaded 3 SPF with 32 gram charges for .5"	57.00
	Blank gun and bull plug	<u>6.20</u>
434 jts	total tubing and tools	13394.20

12/16/00 Dropped vent tube. Good action on load transfer. Tube hit in 1 min and 8 sec. Slight blow on tubing with good surge on casing. Installed manumatic and choke on tree. Pressured tubing with 132.000 SCF at N2 to 2500 psi. Dropped firing bar with bar hitting firing head in 2 min 30 sec. Perforate Morrow with 3 SPF, .50 hole at 13,348 - 13,405 with 167 holes. No pressure change on tubing. RU Jarrell slickline. RIH with 7/8" overshot, engage bar drop and spud 6 times on bar drop. POH and found bar drop stuck in vent tube with shear pin. Brass impression pin showed one circle of the firing pin. RIH to shift guns off and found guns had already shifted. Tagged top of guns at 13,550'. RD slickline. Bled down N2 in 2 hours with slight gas blow. LWO. Watched overnight with a 1' flare 12/17/00 am. SWI at 6:30 am 12/17/00.

12/18/00 SITP 50 psi after 24 hours. Blow to pit. RIH with swab to 12500 without tagging any fluid. RDMOPU. Pick all rental equipment on location. Schlumberger pulling water samples from each frac tank. Crew hooked up lines to choke manifold and ran a line for water supply during frac.

12/19/00 Schlumberger setting in frac equipment. Heated frac tanks to 110 and 100 deg. with two hot oilers.