

Matador Operating Company

Pipeline A Federal 8 #2

Sec. 8 T19S R34E

API #30-025-35632

Lea County, New Mexico

Date : 6/4/2002

Activity: Clean location

Remarks : Clean location. Set anchors. Installed risers on casing valves. Filled cellar and rat/mouse hole. Repaired road to location. Was made impassable by rig move. Trucks had to be towed to and from location. Completion costs from drilling department are included on this report.

Date : 6/5/2002

Activity: Drill out

Remarks : MIRU Key Well Service. Take delivery of 437 joints new Lone Star 2-3/8 L-80, 4.7#, EUE, 8rd tubing. Clean & inspect threads. Pick up and RIH with 4-3/4" bit, casing scraper, 6 - 4" drill collars, X-O, and 425 joints tubing. Tag at 13639'. RU swivel and pump. Drill to 13660'. Have rubber, Bak-o-lite, and cement in returns. RD swivel. Test casing to 5000 psi for 20 minutes. Release pressure. Circulated with 300 bbls 6% KcL and packer fluid. SWI, SDON.

Date : 6/6/2002

Activity: Run CBL

Remarks : POH with tubing and tools. RU Howco wireline. RIH with CBL, GR, CCL and wireline. Found PBTD at 13650' corrected depth to open hole log. Pull CBL from PBTD to 13400' with no pressure. Repeated from PBTD to TOC at 8550' with 1500 psi on casing. Find cement bond across zone of interest to be good. POH with wireline and tools. RD Howco. RU AAA to test tubing at 9000 psi above slips. Began test in hole with Presscott TCP guns loaded 3 spf, 120 deg phase for 215 EH of .41" and 26.77" penetration, PLS packer, and tubing. SWI, SDON. (+ or - 1/2 way in hole)

Tubing Detail:

1 jt	2-3/8 L-80 4.7# EUE 8rd tubing	
419 jt	ditto tbg	13261.35
	Marker ditto tbg sub	6.10
1 jt	ditto tbg	31.84
	On / off tool with X profile	1.79
	Howco PLS 10K PKR (1.995 ID)	3.96
	Ditto tbg sub	10.16
	Ditto tbg sub	10.11
	XN profile nipple (1.875 / 1.791)	1.40
	Ditto tbg sub	10.17
	Max differential bar vent	1.32
1 jt	ditto tbg	31.92
	Ditto tbg sub	6.12
	Auto RLS firing head	2.00
	4" perf gun	74.00
	Bull plug	4.30
	KB Adjustment	20.00
	EOT	13476.54

Date : 6/7/2002

Activity: Spot TCP guns

Remarks : CIH testing tubing. RU Howco wireline. Correlate TCP to gamma ray. Space out packer. Check depth on TCP with wireline. RD Howco. Attempt to set Howco PLS packer. Packer will take compression but will not hold tension. Work with tool 2 1/2 hours. POH with tubing and packer. RIH with 6 joints tubing and set slips, leaving TCP tools in casing. Field inspection of packer shows no obvious problems other than top slips worn dull. RU PPS test equipment. SWI. SD over weekend. (Prescott Perforators is committed to another job for 6/8)

Date : 6/8/2002

Activity: SDFWE

Date : 6/9/2002

Activity: SDFWE