

Matador Operating Company

Pipeline A Federal 8 #2

Sec. 8 T19S R34E

API #30-025-35632

Lea County, New Mexico

Date : 6/10/2002

Activity: Spot TCP guns, NU, perf and

Remarks : Pick up re-dressed PKR w/ carbide insert slips. TIH testing tubing. RU Howco WL. Check depth on TCP w/ WL. RD Howco WL. Set PKR. ND BOP. NU and test 2 1/16 - 5K tree to 5000 psi. Drop vent tube to open bar vent. PKR checks good. Total compression on PKR is 22 pt. Drop bar. No movement of tbg volume. Suspect guns did not fire. Wait on WL. RU Pro WL. TIH w/ 7/8 fishing tool and wl. Catch bar. TOH to 10000'. Bar released from fishing tool and dropped back to firing head. Guns fired. Perf morrow from 13443 - 13517. TOH w/ wl. SITP 30 min after perf is 340 psi. Flow through test unit @ 330 mcf on 3/4 choke, 70 psi FTP. TIH w/ 1.75 blind box and wl to 13540'. Did not tag. TOH w/ same. Continue test. RD Pro. SDON
Tubing/Rod Detail as follows:

Description	Length	Depth
1 jt 2 3/8 L-80 4.7# EUE 8rd tubing	31.85	
Ditto tbg subs (2 - 4 - 8 - 10)	24.42	
419 jt ditto tbg	13249.84	
Marker ditto tbg sub	6.10	13326.11
1 jt ditto tbg	31.84	13332.21
On / off tool with X profile	1.79	13364.05
Howco PLS 10K PKR (1.995 ID)	3.96	13365.84
Ditto tbg sub	10.16	13369.80
Ditto tbg sub	10.11	13379.96
XN profile nipple (1.875 / 1.791	1.40	13390.07
Ditto tbg sub	10.17	13391.47
Max differential bar vent	1.32	13401.64
1 jt ditto tbg	31.92	13402.96
Ditto tbg sub	6.12	13434.88
Auto RLS firing head	2.00	13441.00
Top shot		13443.00
4" perf gun	74.00	
Bottom shot	n/a	13517.00
Bull plug	4.30	
KB Adjustment	20.00	
EOT	13521.30	

Date : 6/11/2002

Activity: Continue test

Remarks : Continue flow test. Rate at 6:00 AM 6/11/02 was 217 mcf. The rate at 6:00 AM 6/12/02 is 111 mcf. Well started making fluid at 12:00 PM 6/11/02. Well is making approximately .5 BOPH (API 52.9 at 60 degrees). Produced 14 BO last 24 hrs. FTP at 6:00 AM 6/12/02 is 47 psi.

Date : 6/12/2002

Activity: Continue test

Remarks : Gas rate decreased throughout the day to 53 mcf. Produced 11.4 BO + 12.2 BW last 24 hrs. Chlorides on water are 164000 ppm. Rate @ 6:00 AM 6/13/02 is mcf, .5 BWPH, .05 BOPH w/ 37 FTP.

Date : 6/13/2002

Activity: Continue test

Remarks : TP: 40 psi. Gas rate: 96 mcf. 1 BPH total fluid, 50% oil. Total fluid produced: 12 bw - 0 bo. MIRU Aries swab unit. FL first run scattered from 4100'. Pull swab from 13000'. Recover 7 bw, 3 bo. Gas rate increases to 188 mcf. Wait 3 hr. Gas rate @ 135 mcf. Make swab run to 13000'. Recover 3 bbl. Gas rate @ 150 mcf. Continue flow test. Flow rate @ 6:00 AM 6/14/02 is 80 mcf.