

Matador Operating Company

Pipeline Deep Fed 5 #2
Lea County, New Mexico

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

12/20/00 MIRU 13 frac tanks. Fill with fresh water. Heat tanks to 100 degrees 12/19/00 pm. Temp of fluid on 12/20/00 am at 90 + degrees. RU TSI 15K tree saver and Dowell frac equipment including approximately 20000 horse power in pumps. Frac Morrow perfs 13348-13405 with 322500 pounds 20/40 carbo prop and 247256 gals 35 pound Gaurxlink Borate down 3-1/2" tubing at 31 BPM at 10800 to 11900 psi. 5887 BTL. Had increase in net pressure of 1559 throughout job. (ISIP post data frac at 5980 psi. ISIP post frac 7539.) ISIP 7539, 5 min 7130, 10 in 6830, 15 min 6528, 30 min 6093, 45 min 6038, 60 min 5977, 70 min 5969. RD Dowell and TSI. SITP after 3-1/2 hours at 5950 psi. OWTT on various chokes flowing up to 120 BWPH. Started making sand on bottoms up. Turn well to pit and continue flowing to pit throughout the night. Sand decreased throughout the night. Left choke on 18/64 throughout the night. FTP decreased from 5800 to 1500 psi at 5:00 am 12/21/00. Recover 687 BW. 5200 BTLLTR. Pump schedule as follows:

Stage	Fluid	Fluid	Proppant	Prop
<u>Name</u>	<u>Name</u>	<u>Volume</u>	<u>Name</u>	<u>Mass</u>
Preflush	WF140	29456	None	0
PAD	YF135.1 HTD	75001	None	0
0.5 PPA	YF135.1 HTD	9970	24/40 ISP	5609
1.0 PPA	YF135.1 HTD	14999	24/40 ISP	14470
1.5 PPA	YF135.1 HTD	14997	24/40 ISP	21751
2.0 PPA	YF135.1 HTD	19998	24/40 ISP	38593
2.5 PPA	YF135.1 HTD	20000	24/40 ISP	48176
3.0 PPA	YF135.1 HTD	19998	24/40 ISP	57871
3.5 PPA	YF135.1 HTD	19999	24/40 ISP	67477
4.0 PPA	YF135.1 HTD	18123	24/40 ISP	68519
Flush	slickwater	4713	None	0

12/21/00 Well is flowing as follows: 0600 am 1000 psi on 18/64 choke, 0700 600 psi, 0800 400 psi, 0900 300 psi, 1000 100 psi, 1100 50 psi on 24/64 choke, 1200 30 psi, 1300 20 psi. MIRUSU. Made 21 swab runs and recovered 87 bbls. Line to frac tank is thawed, swabbing to tank. EFL 1500 FFS. Drained all lines. LWOTT, SDON. Unable to put pumping tee on lubricator due to height of tree. 5113 BTLLTR. At report time, fluid level is at the surface, flowing a little. Sand in blow down area on 12/20 appeared to be minimal.

12/22/00 Fluid level at surface. Made 55 swab runs, recovered 200 bbls water. EFL at 4000'. LWOTT.

12/23/00 Fluid level at 800'. Made 46 swab runs, recovered 157 bbls water. EFL at 3300'. LWOTT.

12/27/00 Continue swab. FL first run at surface. Swab 207 BW in 10 hours (40 runs). Fluid level varies throughout the day from 3000', then up to 1500', and finally 2500' at the end of the day. Gas show between runs. SWI. 1131 BTLR of 5887 BTL. 4756 BTLLTR. SDON.

12/28/00 SITP 480 psi. Blow well down in 5 minutes. Begin swabbing. FL first run at 4000'. Swab 84 BW in 6 hours. RD Reeco. MIRU Key. Key pured new rope socket. Final FL at 3000'. Gas show between runs. SWI. 1215 BTLR of 5887 BTL. 4672 BTLLTR. SDON.